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AIR FORCE CIVIL ENGINEER CENTER

SEP 0 5 2013

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SUBJECT: Final Quarterly Operations and Maintenance Report
(1st Quarter / Calendar Year 2013)
SD-052-02 Building 775 Site (Buildings 774 and 776) and SD-052-01 Apron 2 Chlorinated Plume Site (Buildings 785 and 786)
Sub-Slab Vapor Mitigation Systems
Revision 1.0 / July 2013
Former Griffiss Air Force Base (AFB) Rome, New York
Contract No. FA8903-10-D-8595, Delivery Order 0014

1. Enclosed is the "Final Quarterly Operations and Maintenance Report (1st Quarter / Calendar Year 2013) for SD-052-02 Building 775 Site (Buildings 774 and 776) and SD-052-01 Apron 2 Chlorinated Plume Site (Buildings 785 and 786)". The draft version was submitted on July 9, 2013. No comments or concerns have been provided.

2. This Report presents the operations and maintenance activities performed on the respective sub-slab vapor mitigation systems at the Former Griffiss AFB in Rome, New York. This version of the report incorporates data up until March 2013.

3. The report will be incorporated into the Administrative Record as final on October 9, 2013, barring receipt of regulatory comments or concerns.

4. Should you have any questions or concerns please contact me at 315 356 0810 ex 202.



MICHAEL F. MCDERMOTT
Air Force Civil Engineer Center
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Enclosures: As noted

FINAL

QUARTERLY OPERATION AND MAINTENANCE REPORT
SD-052-02 BUILDING 775 SITE (BUILDINGS 774 AND 776) AND SD-052-01 APRON 2 CHLORINATED PLUME SITE (BUILDINGS 785 AND 786)
SUB-SLAB VAPOR MITIGATION SYSTEMS
(1ST QUARTER / CALENDAR YEAR 2013 / JANUARY – MARCH)

FORMER GRIFFISS AIR FORCE BASE SITE
ROME, NEW YORK

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Contract Number FA8903-10-D-8595/Delivery Order 0014

Revision 2.0
September 2013

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LIST OF ACRONYMS AND ABBREVIATIONS

acfm	actual cubic feet per minute
AF	Air Force
AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center
AFRPA	Air Force Real Property Agency
bgs	below ground surface
CQCRs	Chemical Quality Controls Reports
COC	Contaminant of Concern
CY	calendar year
DCE	dichloroethylene/dichloroethene
EEEPC	Ecology & Environment Engineering, P.C
FPM	FPM Remediations, Inc.
ft	feet
GAC	granular activated carbon
in w.g.	inches of water
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	Operation and Maintenance
PCE	tetrachloroethylene/perchloroethylene/tetrachloroethene/perchloroethene
PDI	pre-design investigation
QAPP	Quality Assurance Project Plan
RAWP	Remedial Action Work Plan
ROD	Record of Decision
RWPCF	Rome Water Pollution Control Facility
SSVM	Sub-Slab Vapor Mitigation
sq ft	square feet
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion

LIST OF ACRONYMS AND ABBREVIATIONS (continued)

TCA	trichloroethane
TCE	trichloroethylene/trichloroethene
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VMP	Vapor Monitoring Point
VOC	volatile organic compound

1 INTRODUCTION

FPM Remediations, Inc. (FPM), in association with CAPE Environmental Management, Inc., under contract with the Air Force Civil Engineer Center (AFCEC), is conducting Operation and Maintenance (O&M) on Sub-Slab Vapor Mitigation (SSVM) systems associated with SD-052-02 Building 775 Site [Buildings 774 and 776] and SD-052-01 Apron 2 Chlorinated Plume Site [Buildings 785 and 786] at the former Griffiss Air Force Base (AFB) in Rome, New York. The O&M at the sites is conducted in accordance with provisions of the Basic Contract # FA8903-10-D-8595 and Delivery Order # 0014. Figure 1-1 depicts the SSVM site locations of Buildings 774, 776, 785 and 786.

This quarterly report has been prepared to provide the SSVM systems O&M activities from the 1st quarter of the calendar year (CY) 2013 including the months of January through March. Additionally, the report contains (as applicable) analytical results and discussion of soil vapor intrusion (SVI) sampling which is performed to evaluate SSVM. O&M was conducted in accordance with the Final Completion Report Sub-Slab Vapor Mitigation Systems (FPM, February 2013).

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2 SITE INFORMATION

2.1 BUILDINGS 774 AND 776 SITE SD-052-02 BUILDING 775

Buildings 774 and 776 are located between Phoenix Drive and Patrol Road on Strategic Air Command Hill at the former Griffiss AFB in Rome, NY and are associated with the SD-052-02 Building 775 Site (Figure 2-1). Building 774 is a one-story, 18,990 square feet (sq ft) office building, currently occupied by a computer/security firm. The building is occupied on work days from 8 AM to 5 PM by approximately 45 people. Building 774 was built in 1959, but underwent major renovations in 2000. New windows and doors were installed, 36 new air handlers were installed, including new air ducts in ceilings and new cooling towers. The building is built on an 8-inch thick concrete slab, with no basement and most floors are covered with carpeting. Several floor drains exist in bathrooms, janitor closets and the boiler room.

Building 776 is a one-story, 27,410 sq ft office building, currently occupied by a software development firm. The building is occupied on work days from 7 AM to 6 PM by approximately 80 people. Building 776 was built in 1959, but underwent major renovations in 2002. New windows, which do not open, and doors were installed, the interior was refinished and most floors were covered with new carpeting. Heat and outdoor air are provided through 43 heat pumps. The building is built on a 3.5 to 6-inch thick concrete slab, with no basement. Several floor drains exist in bathrooms and one crack was observed in the concrete floor near the southeastern entrance door.

The Building 775 Site plume is located downgradient and south of former maintenance facilities in Buildings 774 and 776 and former fuel pump house Building 775. Although the source has not been identified, solvent use in Building 774 was thought to be a primary source of trichloroethylene (TCE) contamination. Solvent use was widespread in these facilities in the 1950s, 1960s, and early 1970s. The contaminated aquifer is comprised of silty sands with an average thickness extending from 60 feet (ft) below ground surface (bgs) to 120 ft bgs, where shale bedrock is encountered.

2.1.1 Groundwater Investigation

The primary contaminant exceeding New York State Department of Environmental Conservation (NYSDEC) Class GA Groundwater Standards is TCE, with minor detections of 1,1,1-trichloroethane (TCA) and perchloroethylene (PCE). Figure 2-1 shows Building 774 and 776 along with the location of monitoring wells. Monitoring well 775VMW-5, located near the corner of Building 776, is the only well in the maintenance area that contains elevated levels of TCE (99.2 micrograms per liter [µg/L] in September 2004). Most of the Building 775 plume appears to have migrated south toward Landfill 6. In September 2004, the maximum groundwater TCE concentration was 134 µg/L (detected at well 775-MW20, located near the leading edge of the plume near Perimeter Road). TCE was detected at 132 µg/L (in well 775VMW-10), which is also located near the leading edge of the plume near Perimeter Road. TCE in both of these wells was detected in the bottom half of the sandy aquifer in screened intervals from 88 to 120 ft bgs. Nearby well LF6MW-1 is screened in the upper 10 ft of the aquifer and does not have detectable TCE concentrations (FPM, February 2005). Based on the

current TCE distribution, it appears that the TCE was likely spilled in the vicinity of Building 774 and has migrated southward and downward in the aquifer.

Additional sampling was performed by Ecology & Environment, Inc., and FPM in 2006 as part of the feasibility study for the Building 775 Site. Ecology & Environment Engineering, P.C., (EEEPC) performed pre-design investigation (PDI) activities at the Building 775 Site starting in September 2006. First, two monitoring wells were installed (775MW-27 and -28). The wells were developed and sampled at the end of October into the beginning of November 2006. Results showed that the primary contaminant exceeding NYSDEC Class GA Groundwater Standards is TCE, with minor detections of 1,1,1-TCA and PCE. FPM performed sampling at several other monitoring wells at the Building 775 Site in order to create a complete understanding of current site conditions. The results and conclusions were reported in the Final PDI Report (EEEPC, February 2007).

A remedial action was selected through the On-base Groundwater Record of Decision (ROD) [Air Force Real Property Agency (AFRPA), December 2008] and described in the Remedial Action Work Plan (RAWP) [Parsons, July 2008]. The SVI in Buildings 774 and 776 is being managed as a separate operable unit and therefore is not included in the On-base Groundwater ROD. The remedial action is a groundwater extraction system with a discharge to an off-site treatment facility. The groundwater extraction system is designed to contain the contaminated plume and extract the contaminants from the aquifer which is located surrounding monitoring well 775VMW-5 and presented in Figure 2-1. The start-up date of the groundwater extraction system was January 5, 2009. At this time, FPM also started sampling at Building 775 Site to monitor the performance of the installed remedy. The most recent performance monitoring sampling results have shown TCE detections up to 68 µg/L occurring in 775VMW-5 (FPM, December, 2011). This is a decrease from the September 2004 sampling event, where monitoring results from 775VMW-5 showed a TCE detection of 99 µg/L.

2.1.2 2006 Soil Vapor Intrusion Evaluation

EEEPC also performed a SVI evaluation during the PDI activities (at Building 775 Site - SD052-02). Sub-slab sampling at the Building 775 Site indicated that chloroform and TCE were present in the sub-slab vapor at Buildings 774 and 776 at concentrations above the Air Force (AF) screening levels (FPM, October 2007). Indoor air sampling at both buildings indicated that these contaminants were present, but at concentrations below the AF screening levels. Sub slab vapor TCE concentrations ranged from 810 µg/m^3 to 1,700 µg/m^3 at Building 774. Sub slab vapor TCE concentrations ranged from 700 µg/m^3 to 3,000 µg/m^3 at Building 776. The TCE and chloroform detections were likely associated with the groundwater contamination plume located in the area. TCE has been detected in groundwater at concentrations above screening levels, while chloroform has been detected in groundwater at concentrations below screening levels. The SVI evaluation sample locations are shown on Figure 2-1 and corresponding results are provided in Table 2-1.

This SVI survey was reviewed by the Air Force, NYSDEC, New York State Department of Health (NYSDOH) and United States Environmental Protection Agency (USEPA) and during

discussions among these parties, a plan for additional sampling was established, which was then implemented by FPM in April and May 2008 (FPM, April 2008).

2.1.3 Building 774 Soil Vapor Intrusion Results 2008

The indoor air TCE concentrations, reported for Building 774 during the April 2008 sampling round, were two orders of magnitude higher than those reported in the 2006 sampling round. The Building 774 point of contact (Dave Perella, Senior Facilities Engineer) confirmed that renovations, performed in Building 774 between December 2007 and May 2008, included carpet glue removal through solvent use. Indoor and outdoor air samples were recollected in May 2008 in Building 774. The recollected results show that indoor air TCE concentrations were similar to levels reported in 2006 (Table 2-1). Sub-slab vapor results for Building 774 slightly decreased in comparison to 2006 results. The highest result reported in 2008 was 590 micrograms per cubic meter ($\mu g/m^3$) at location 774SSV-2.

In Building 774, the 2008 indoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. The 2008 sub-slab vapor concentrations in Building 774 exceeded AF screening levels.

2.1.4 Building 776 Soil Vapor Intrusion Results 2008

The indoor air TCE concentrations reported for Building 776 during the April 2008 sampling round were comparable to levels reported in 2006. Sub-slab vapor results for Building 776 were lower compared to 2006 results. The highest result reported in 2008 was 110 $\mu g/m^3$ at location 774SSV-2.

In Building 776, the 2008 indoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. The 2006 sub-slab vapor concentrations in Building 776 exceeded AF screening levels. Concentrations in 2008 were below screening levels.

2.2 BUILDINGS 785 AND 786 SITE SD-052-01 APRON 2 CHLORINATED PLUME

Buildings 785 and 786 are located on the SD-052-01 Apron 2 Chlorinated Plume Site at the former Griffiss AFB in Rome, NY (Figure 2-2). Buildings 785 and 786 are 28,251 sq ft, unheated airplane hangars. The buildings are used for storage by the Griffiss International Airport. The buildings are largely open with several first and second floor offices in the southwest corners of the buildings. Buildings 785 and 786 were built in 1959 and were taken out of service in 1995 after the former Griffiss AFB was closed. The buildings are built on a 13.5 to 14-inch thick, unsealed concrete slab comprised of numerous concrete pads installed together with areas of caulked expansion gaps. Large visible cracks in the concrete floors were repaired. Two large trenches exist in the buildings; one along the large aircraft bay doors on the southeast side of the building and a smaller trench along the overhead door on the northwest side of the buildings. These trenches contain several cracks that may act as conduits. All heating and air handling equipment is in a state of disrepair and assumed inoperable. The buildings are poorly sealed due to broken windows, doors left ajar and holes observed in the sheet metal outer covering of the building. According to drilling logs from the site, silty sand and gravelly sands

are the predominant lithology encountered. Groundwater monitoring wells are currently present in Building 785 and outside in the vicinity of both buildings.

2.2.1 Groundwater Investigation

An extensive groundwater investigation has occurred surrounding Buildings 785 and 786, which is now in the performance monitoring phase. There are three primary contaminants in the plumes that exceed NYSDEC Class GA Groundwater Standards: TCE and its breakdown products cis-1,2-dichloroethylene (DCE) and vinyl chloride (VC). The southern plume is commingled with several petroleum fuel plumes originating from Apron 2 fueling system. At locations where chlorinated solvents and fuel contaminants are commingled, significant reductive dechlorination is occurring; therefore the selected remedy is monitored natural attenuation, as stated in the On-base Groundwater ROD (AFRPA, December 2008). The SVI in Buildings 785 and 786 is being managed as a separate operable unit and therefore is not included in the On-base Groundwater ROD. Monitored natural attenuation was initiated on September 24, 2008. The most recent groundwater sampling results have shown TCE detections up to 34.8 µg/L at monitoring well 782VMW-105B, cis-1-2-DCE detections up to 43.4 µg/L at monitoring well 782VMW-78 and VC detections up to 39.5 µg/L at monitoring well 782VMW-84 (FPM, December 2011).

2.2.2 2006 Soil Vapor Intrusion Evaluation

EEEPC performed an SVI Evaluation in 2006 at the Apron 2 Chlorinated Plume Site. Buildings 782, 783, 784, 785, and 786 were evaluated. No detection exceeding screening levels was reported for Buildings 782, 783, and 784. The Nosedocks 1 and 2 ROD (AFRPA, July 2011) included the selected remedy of No Further SVI action or evaluation for these buildings. Sub-slab sampling at the Apron 2 Chlorinated Plume Site indicated that PCE, TCE and chloroform were present in the sub-slab vapor beneath Buildings 785 and 786 at concentrations above the AF screening levels. Sub-slab vapor sampling results for the 2006 sampling event showed TCE concentrations ranging from 2,300 µg/m^3 to 11,000 µg/m^3 at Building 785. TCE was detected beneath Building 786 at concentrations ranging from 4,700 to 81,000 µg/m^3 in 2006 and PCE was detected at 2,200 µg/m^3at location 786SSV-1. Indoor air sampling indicated that PCE and TCE were present, but at concentrations below the AF screening levels. No chloroform was reported in the indoor air. TCE was detected consistently in groundwater samples from wells within the groundwater contamination plume. PCE was never detected in groundwater. Chloroform exceedances of the NYSDEC Class GA Groundwater Standards were reported in the March 2009 sampling round in virtually all monitoring wells at Building 786. These exceedances were attributed to a reported water line break which discharged drinking water for an extended period of time at the site. The chloroform exceedances have shown a decreasing trend after the leak was repaired. SVI evaluation sample locations are shown on Figure 2-2 and corresponding results are provided in Table 2-1, SVI Results Table.

This SVI survey was reviewed by the Air Force, NYSDEC, NYSDOH, and USEPA and during discussions among these parties, a plan for additional sampling was established, which was then implemented by FPM in April and May 2008 (FPM, April 2008).

2.2.3 Building 785 Soil Vapor Intrusion Results 2008

Sub-slab sampling in 2008 at the Apron 2 Chlorinated Plume Site indicated that chloroform and TCE were present in the sub-slab vapor beneath Building 785 at concentrations above the screening levels. Indoor air sampling indicated that these contaminants were present, but at concentrations below the screening levels. The April 2008 sampling round data were lower at 785SSV-1 (identical to two orders of magnitude lower) than those reported for the 2006 sampling round data. TCE detections ranged from 11 µg/m^3 to 2,200 µg/m^3.

2.2.4 Building 786 Soil Vapor Intrusion Results 2008

Sub-slab sampling in 2008 at the Apron 2 Chlorinated Plume Site indicated that PCE, and TCE were present in the sub-slab vapor beneath Building 786 at concentrations above the screening levels; indoor air sampling indicated that these contaminants were present, but at concentrations below the screening levels. Sub-slab vapor sampling results for the April 2008 sampling round were lower but within the same order of magnitude as those reported for the 2006 sampling round. Sub-slab vapor TCE concentrations ranged from 69 µg/m^3 to 19,000 µg/m^3. Generally, small petroleum detections were reported in all samples, but none exceeded the sub-slab screening levels.

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3 SUB-SLAB VAPOR MITGATION SYSTEM OPERATION AND MAINTENANCE

3.1 BUILDINGS 774 AND 776 SUB-SLAB VAPOR MITIGATION SYSTEM

FPM performed SSVM at Buildings 774 and 776 with continuous system operation starting on June 6, 2011. The Buildings 774 and 776 system is composed of four horizontal wells with a total combined screen length of 360 ft performing under a flow rate of 1 actual cubic feet per minute (acfm) per foot of screen. Building 774 has three horizontal wells with a total combined screen length of 180 ft and Building 776 has one horizontal well with a screen length of 160 ft. The SSVM system is shown in Figure 3-1.

Table 3-1 illustrates the SSVM Systems O&M schedule. O&M includes weekly system component readings (system temperature, flow, vacuum and motor status), semi-annual vapor monitoring point (VMP) vacuum measurements, and granular activated carbon (GAC) disposal and replacement every four months. Indoor and outdoor air sampling, sub-slab vapor sampling, and influent sampling are conducted semi-annually during the heating and cooling months.

3.1.1 Previous Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance Results

3.1.1.1 Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance 2011

The installation, start-up and initial operation of the SSVM system at Buildings 774 and 776 occurred under a separate contract (FA8903-04-D-8687). This mitigation action is documented in the Final Completion Report Sub-Slab Vapor Mitigation Systems (FPM, February 2013). The performance evaluation section of this referenced report documents sub-slab vapor sampling results (Table 3-2) indicating a decreasing trend in TCE levels in Buildings 774 and 776 (Figure 3-7). The highest reported result in Building 774 was during the baseline sampling event (May 4, 2011) at 2,900 µg/m^3 at location 774VMP-2. After five months of system operation the reported result for this location was 11 µg/m^3. The highest reported result in Building 776 was during the baseline sampling event (May 4, 2011) at 830 µg/m^3 at location 776VMP-3. After five months of system operation the reported result for this location was 7.3 µg/m^3.

All indoor and outdoor air concentrations were within an acceptable range and did not pose an unacceptable risk to building occupants. All sub-slab vapor concentrations fell below screening levels after five months of system operation.

4th Quarter / Calendar Year 2011 (November - December)

It was documented in the Quarterly Operations and Maintenance Report, (4th Quarter / Calendar Year 2011), (FPM, May 2012), that the Buildings 774 and 776 SSVM system extracted approximately 30 gallons per week of water which was then collected in a vapor-liquid separator. An application to discharge extracted water into the sanitary sewer was submitted to the Rome Water Pollution Control Facility (RWPCF). Discharge approval was received on January 5, 2012.

A vapor effluent sample was collected on December 19, 2011 from the Buildings 774 and 776 SSVM system. Effluent sampling location was installed on the SSVM system's exhaust stack after carbon treatment. TCE was not detected in Buildings 774 and 776 effluent sample. Following effluent sampling GAC was replaced.

GAC replacement was conducted in December 2011 following the effluent sampling event. GAC replacement is based on the carbon life span due to adsorption of the effluent contaminant of concern (COC) concentrations. A replacement schedule for GAC was initially determined through calculations performed in the Work Plan for SSVM Design (FPM, February 2011). These calculations were then checked empirically using the December 2011 effluent sampling results. It was proven that a bimonthly schedule was an adequate schedule for GAC replacement (FPM, May 2012). Once the carbon life span was determined, effluent sampling was removed from the O&M schedule.

3.1.1.2 Buildings 774 and 776 Sub-Slab Vapor Mitigation Operations and Maintenance 2012

1st Quarter / Calendar Year 2012 (January - March)

GAC was replaced on February 23, 2012, in accordance with the O&M schedule for carbon replacement.

Sampling occurred at Buildings 774 and 776 on January 25 and 26, 2012. The highest TCE concentration for sub-slab sampling results in Building 774 was at location 774VMP-1, with a concentration of 4.8 µg/m^3. The indoor air sampling result for TCE at Building 774 was 1.5 F µg/m^3 (The F data qualifier indicates that the analyte was detected at or below quantitation limits). TCE was not detected in the outdoor air sample collected between Buildings 774 and 776. For Building 776, the highest sub-slab TCE concentration was in location 776VMP-3, at 13 µg/m^3. The indoor air TCE concentration was 0.41 F µg/m^3. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. All of the sub-slab results were below vapor screening levels.

Semi-annual influent sampling occurred on January 24, 2012, prior to sub-slab vapor sampling to determine effective soil vapor extraction (SVE). The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 300 µg/m^3.

2nd Quarter / Calendar Year 2012 (April - June)

GAC was replaced on April 23, 2012, in accordance with the O&M schedule for carbon replacement. Sampling did not occur at Buildings 774 and 776 during the 2nd quarter / CY 2012.

Weekly system component readings from this quarter showed that the system vacuum had a decreasing trend. This is attributed to the system initially extracting water from the sub-surface up until April 2012. The vapor liquid separator did not collect any water past April 2012.

Therefore, the approved permit (FPM-001) through RWPCF for Buildings 774 and 776 to discharge extracted water into the sanitary sewer was reviewed and closed.

3rd Quarter / Calendar Year 2012 (July - September)

GAC was replaced on July 17 and September 5, 2012 at the site. Additional O&M activities that occurred at the Buildings 774 and 776 SSVM system included the replacement of the inline air filter.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on August 6, 2012. Only one outdoor air sample was collected between Buildings 774 and 776 due to the close proximity of the buildings. The highest sub-slab TCE concentration was 20 µg/m^3 at Building 774 and 12 µg/m^3 at Building 776. At Building 774, TCE was reported at 0.35 F µg/m^3 in the indoor air and was non detect at Building 776. TCE was also not detected in the outdoor air between Buildings 774 and 776. All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants.

Semi-annual influent sampling occurred on August 3, 2012, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 190 µg/m^3.

4th Quarter / Calendar Year 2012 (October - December)

GAC was replaced on December 4, 2012 at the site. Sampling did not occur for the Buildings 774 and 776 sub-slab vapor mitigation system during this quarter.

3.1.2 1st Quarter / Calendar Year 2013 (January – March) Buildings 774 and 776 Sub-Slab Vapor Mitigation System Operations and Maintenance Results

The SSVM system at Buildings 774 and 776 has been in operation since June 2011. O&M activities conducted during this quarter included weekly system component readings (system temperature, flow, vacuum and motor status), GAC replacement, semi-annual VMP vacuum measurements, and semi-annual indoor and outdoor air, sub-slab vapor, and influent sampling. The system flow rate and vacuum readings collected in previous quarters and this quarter are illustrated on Figure 3-3 and Figure 3-4, respectively.

Additional O&M activities conducted during this quarter included troubleshooting system shutdown in January. The system was not running upon arrival for the weekly inspection on January 25, 2013. It was assumed that the system had been off for up to one week since the system was operating during the previous week's readings. Troubleshooting occurred and it was determined that the contactor switch in the control panel failed most likely due to condensation. After troubleshooting, the contactor switch was replaced and the system was turned on. There were no additional shut downs reported during this quarter.

The GAC was not replaced during this quarter. Influent sampling results show that COC concentrations have decreased since October 2011. Therefore, the replacement schedule was re-calculated following the 3rd Quarter / CY 2012 influent sampling event. The calculation showed that GAC replacement of every four months is adequate. The updated GAC lifespan calculation is provided in Appendix E.

Vacuum readings were also collected at all VMPs associated with the system on February 14, 2013. Results showed all VMPs were under vacuum except for 774VMP-1 and -3. The lack of vacuum is attributed to the structural foundation and/ or preferential paths. Also, 774VMP-3 is located at the point designed to capture data from the worst case scenario, and is installed at the end of the 774SSVM-1 well screen with the greatest distance off axis. However, vapor mitigation is still occurring at these locations, supported by decreasing semi-annual sampling results.

3.1.2.1 Buildings 774 and 776 Sub-Slab Vapor Mitigation System Soil Vapor Monitoring

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 774 and 776 on February 21, 2013. All sampling results are presented in Table 3-2. Only one outdoor air sample was collected between Buildings 774 and 776 due to the close proximity of the buildings. The outdoor air sample result is included in Table 3-2 with the Building 776 analytical results. All Daily Chemical Quality Controls Reports (CQCRs) completed during this event are provided in Appendix B. The highest sub-slab TCE concentration in Buildings 774 and 776 were detected as follows:

- Building 774 - TCE concentration: 1.3 F µg/m^3 at location 774VMP-3, and
- Building 776 - TCE concentration: 2.4 µg/m^3 at location 776VMP-3.

The indoor and outdoor air TCE concentrations were detected as follows:

- Building 774 - TCE concentration: 0.22 F µg/m^3 in the indoor air,
- Building 776 - TCE concentration: not detected in the indoor air, and
- TCE concentration: not detected in the outdoor air between Buildings 774 and 776.

All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. Figure 3-7 shows the sub-slab TCE vapor trend chart in both Buildings 774 and 776. All raw lab data and validated lab data are provided in Appendix C and Appendix D, respectively.

Semi-annual influent sampling occurred on February 15, 2013, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 774 and 776 for TCE were 20 µg/m^3. An effluent sample was also collected. TCE was non-detect. Table 3-3 summarizes influent results and Figure 3-8 shows the trend for influent results at Buildings 774 and 776 since the start-up of the SSVM system.

3.2 BUILDINGS 785 AND 786 SUB-SLAB VAPOR MITIGATION SYSTEM

FPM performed SSVM at Buildings 785 and 786 with continuous system operation starting on May 19, 2011. The Buildings 785 and 786 system is composed of two horizontal wells with a total combined screen length of 300 ft performing under a flow rate of 1 acfm per foot of screen. Building 785 has one horizontal well with a screen length of 140 ft and Building 786 has one horizontal well with a screen length of 160 ft. The SSVM system is shown in Figure 3-2.

Table 3-1 illustrates the SSVM Systems O&M schedule. O&M includes weekly system component readings (system temperature, flow, vacuum and motor status), weekly VMP vacuum measurements, and GAC disposal and replacement every four months. Indoor and outdoor air sampling, sub-slab vapor sampling, and influent sampling are conducted semi-annually during the heating and cooling months.

3.2.1 Previous Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance Results

3.2.1.1 Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance 2011

The installation, start-up and initial operation of the SSVM system at Buildings 785 and 786 occurred under a separate contract (FA8903-04-D-8687). This mitigation action is documented in the Final Completion Report Sub-Slab Vapor Mitigation Systems (FPM, February 2013). The performance evaluation section of this report documents sub-slab vapor sampling results (Table 3-2) indicated a decreasing trend in TCE levels in Buildings 785 and 786 (Figure 3-9). The highest reported result in Building 785 was during the baseline sampling event (March 18, 2011) at 720 µg/m^3 at location 785VMP-4. After five months of system operation the reported result for this location was 33 µg/m^3. The highest reported result in Building 786 was during the baseline sampling event (January 18, 2011) at 4,900 µg/m^3 at location 786VMP-1. After five months of system operation the reported result for this location was 49 µg/m^3.

Location 785VMP-5 was not sampled during the baseline sampling event due to retained water observed in the VMP. A new location was installed north of the horizontal well. The new location, also referred to as 785VMP-5, was sampled during the three month sampling event where TCE was reported at 610 µg/m^3. After five months of system operation the reported result for this location was 140 µg/m^3.

All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. All sub-slab vapor concentrations fell below screening levels after five months of system operation.

4th Quarter / Calendar Year 2011 (November - December)

An effluent sample was collected on December 19, 2011. The effluent sampling location was installed on the SSVM system's exhaust stack after carbon treatment. Results showed a TCE concentration of 4.1 µg/m^3 in Buildings 785 and 786.

GAC replacement was conducted in December 2011 following the effluent sampling event. GAC replacement is based on the carbon life span due to adsorption of the effluent contaminant of COCs. A replacement schedule for GAC was initially determined through calculations performed in the Work Plan for SSVM Design (FPM, February 2011). These calculations were then checked empirically using the December 2011 effluent sampling results. It was proven that a bimonthly schedule was an adequate schedule for GAC replacement (FPM, May 2012). Once the carbon life span was determined, effluent sampling was removed from the O&M schedule.

3.2.1.2 Buildings 785 and 786 Sub-Slab Vapor Mitigation Operations and Maintenance 2012

1st Quarter / Calendar Year 2012 (January - March)

GAC was replaced on February 23, 2012, in accordance with the O&M schedule for carbon replacement.

Sampling occurred at Buildings 785 and 786 in the month of January through February 2012 on January 27, January 31 and February 7 and sampling locations are shown on Figure 3-2. At the Building 785 Site, the highest sub-slab TCE concentration resulted in 18 µg/m^3 at location 785VMP-5. TCE was not detected in the indoor air of Building 785. TCE was not detected in the outdoor air sample collected between Buildings 785 and 786. The highest sub-slab TCE concentration in Building 786 was at location 786VMP-2 at a level of 22 µg/m^3. This location also has a detection for chloroform at 12 µg/m^3. The concentration for chloroform was above sub-slab screening levels up until this sampling event. TCE was not detected in the indoor air of Building 786. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. All of the sub-slab results were below vapor screening levels.

Semi-annual influent sampling occurred on January 24, 2012, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 785 and 786 for TCE were 140 µg/m^3.

2nd Quarter / Calendar Year 2012 (April - June)

GAC was replaced on April 23, 2012, in accordance with the O&M schedule for carbon replacement. Sampling did not occur at Buildings 774 and 776 during the 2nd quarter / CY 2012.

3rd Quarter / Calendar Year 2012 (July - September)

GAC was replaced on July 5 and September 5, 2012 at the site. Additional O&M activities occurred at the Buildings 785 and 786 SSVM system during the 3rd Quarter / CY 2012. During system readings on August 24, 2012, it was observed that system vacuum had decreased and the flow rate in horizontal well 786SSVM-1 had significantly increased. Therefore the dead end of the horizontal well 786SSVM-1 was investigated and it was observed that the dead end cap had

been damaged. Therefore, the system was shut down and the cap was repaired. The system was turned back on the next day following the repairs.

On August 31, 2012, the system was found to not be operating upon arrival. Troubleshooting procedures were followed including checking the power source and checking for dirt build up in the regenerative blower. It was observed that the regenerative blower was clean, but the power source was not adequate. Griffiss Utility Service Corporation was contacted and they determined a transformer that converts power to be used by the Buildings 785 and 786 SSVM system was not working properly. The transformer was replaced. Also during the down time the electrical motor of the regenerative blower was brought to an electrical motor service shop and the bearings were replaced. Following the electrical motor servicing, the system was turned back on and began operation on October 25, 2012.

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 785 and 786 on August 8, 2012. Only one outdoor air sample was collected between Buildings 774 and 776 due to the close proximity of the buildings. The highest sub-slab TCE concentration was 39 µg/m^3 at Building 785 and 110 µg/m^3 at Building 786. TCE was not detected in the indoor air or outdoor air samples for both buildings. All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants.

Semi-annual influent sampling occurred on August 3, 2012, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 785 and 786 for TCE were 250 µg/m^3.

4th Quarter / Calendar Year 2012 (October - December)

The system was not in operation from October 1 through October 25, 2012 as described in the 3rd Quarter / CY 2012 O&M text. GAC was replaced on December 4, 2012 at the site. Sampling did not occur for the Buildings 785 and 786 sub-slab vapor mitigation system during this quarter.

3.2.2 1st Quarter / Calendar Year 2013 (January - March) Buildings 785 and 786 Sub-Slab Vapor Mitigation System Operations and Maintenance Results

The SSVM system at Buildings 785 and 786 has been in operation since May 2011. O&M activities conducted during this quarter included weekly system component readings (system temperature, flow, vacuum and motor status), GAC replacement, semi-annual VMP vacuum measurements, and semi-annual indoor and outdoor air, sub-slab vapor, and influent sampling. The system flow rate and vacuum readings collected in previous quarters and this quarter are illustrated on Figure 3-5 and Figure 3-6, respectively.

The GAC was not replaced during this quarter. Influent sampling results show that COC concentrations have decreased since October 2011. Therefore, the replacement schedule was re-calculated following the 3rd Quarter / CY 2012 influent sampling event. The calculation showed

that GAC replacement of every four months is adequate. The updated GAC lifespan calculation is provided in Appendix E.

Vacuum readings were also collected at all VMPs associated with the system on February 14, 2013. Results showed all VMPs were under vacuum except for 786VMP-2. The lack of vacuum is attributed to the structural foundation and/ or preferential paths. However, vapor mitigation is still occurring at these locations, supported by decreasing semi-annual sampling results.

3.2.2.1 Buildings 785 and 786 Sub-Slab Vapor Mitigation System Soil Vapor Monitoring

Sub-slab vapor, indoor and outdoor air sampling occurred at Buildings 785 and 786 on March 6, 2013. All sampling results are presented in Table 3-2. Only one outdoor air sample was collected between Buildings 785 and 786 due to the close proximity of the buildings. The outdoor air sample result is included in Table 3-2 with the Building 785 analytical results. All CQCRs completed during this event are provided in Appendix B. The indoor and outdoor air TCE concentrations were non detect. The highest sub-slab TCE concentration in Buildings 785 and 786 were detected as follows:

- Building 785 - TCE concentration: 3 µg/m^3 at location 785VMP-4, and
- Building 786 - TCE concentration: 9.1 F µg/m^3 at location 786VMP-1.

All of the sub-slab results were below vapor screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. Figure 3-9 shows the sub-slab TCE vapor trend chart in both Buildings 785 and 786. All raw lab data and validated lab data are provided in Appendix C and Appendix D, respectively.

Semi-annual influent sampling occurred on February 14, 2013, prior to sub-slab vapor sampling to determine effective SVE. The influent sampling location was installed on the SSVM system's exhaust stack before carbon treatment. Influent results at Buildings 785 and 786 for TCE were 93 µg/m^3. An effluent sample was also collected. TCE was 4.4 µg/m^3. Table 3-3 summarizes influent results and Figure 3-10 shows the trend for influent results at Buildings 785 and 786 since the start-up of the SSVM system.

4 DISCUSSION

O&M activities conducted during this period of performance (1st Quarter / CY 2013) included weekly system component readings (system temperature, flow, vacuum and motor status), semi-annual VMP vacuum measurements, and semi-annual indoor and outdoor air, sub-slab vapor, and influent sampling.

The February and March 2013 sampling results when compared to the baseline sampling results of both SSVM systems indicated a decreasing trend in TCE in all sub-slab VMPS. All sub-slab vapor concentrations were below screening levels. All indoor and outdoor air concentrations were also below screening levels and did not pose any unacceptable risk to building occupants. Influent sampling results at both sites indicated a decreasing trend in TCE.

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5 RECOMMENDATIONS

SSVM soil vapor monitoring data shows TCE concentrations in the sub-slab are decreasing at all sites as a result of the mitigation system operation. Continued operation of the SSVM systems is recommended. All O&M results will be presented in concise Quarterly Data Summary Reports and comprehensive Semi-Annual O&M Reports.

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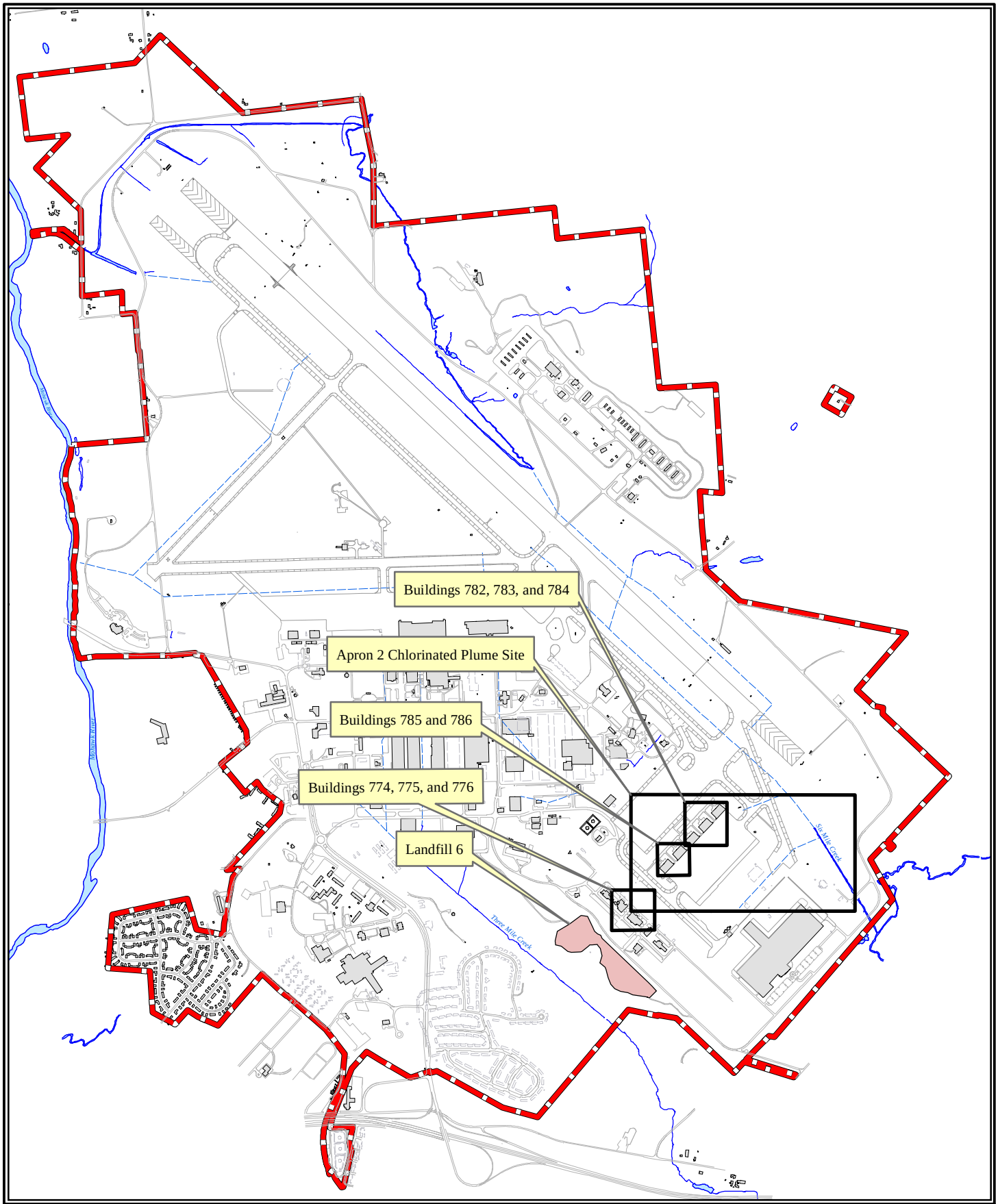
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Figures



Base Location

Key to Features

- Road/Airfield
- Storm Drain
- Surface Water
- Base Boundary
- Landfill 6
- Demolished Facility
- Existing Facility
- Site Location

1,200 600 0 1,200 2,400
Feet

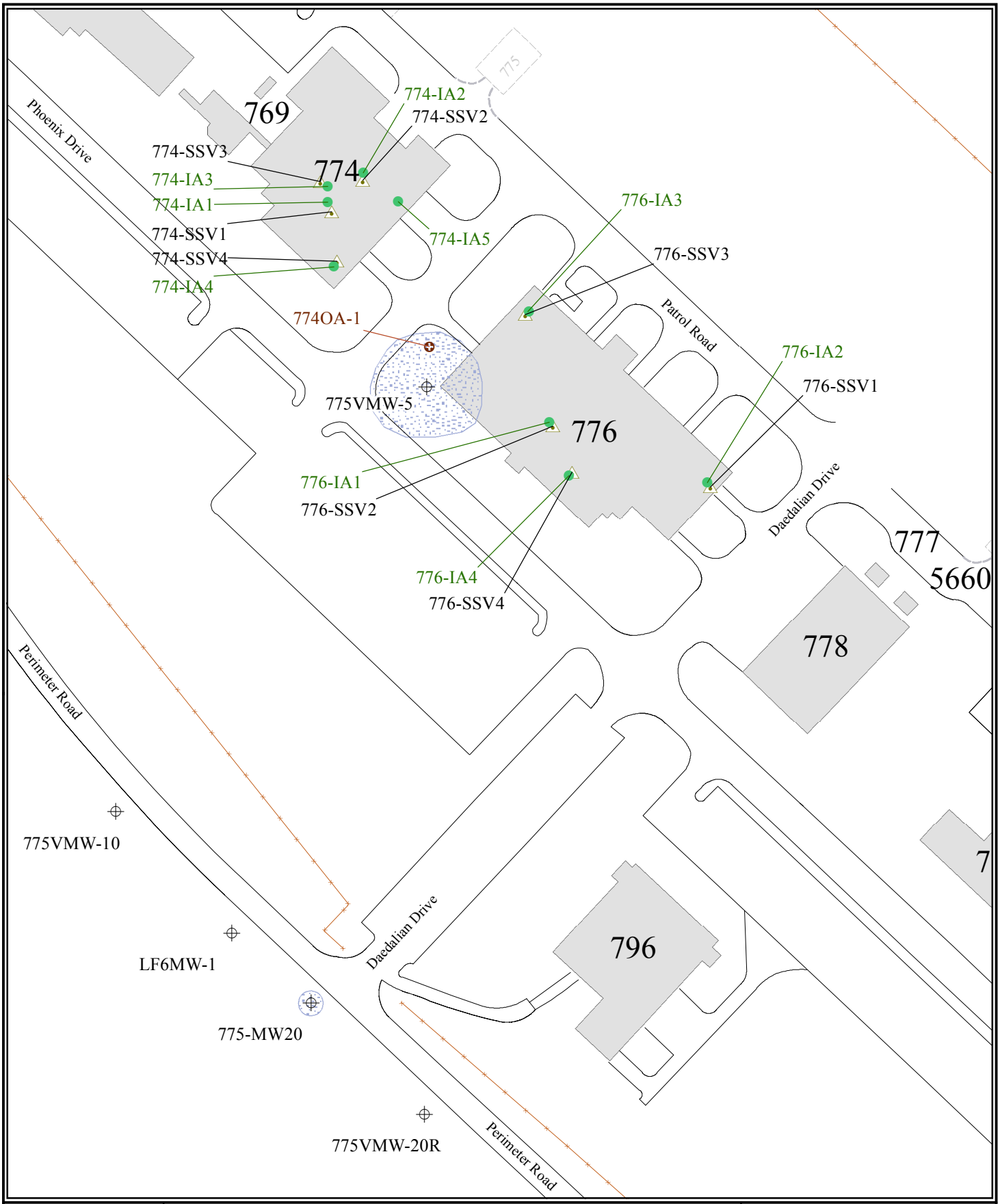
Figure 1-1
SSVM Site Locations

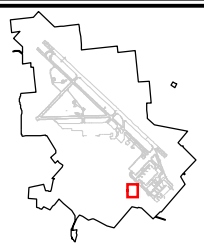
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ROME, NEW YORK

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Site Location

Key to Features

- Indoor Air Sample Location
- Outdoor Air Sample Location
- Sub-Slab Vapor
- Monitoring Well
- Existing Road
- Demolished Road
- TCE 50 µg/L October 2010
- Demolished Facility
- Existing Facility

Figure 2-1
Buildings 774 and 776
Site Features

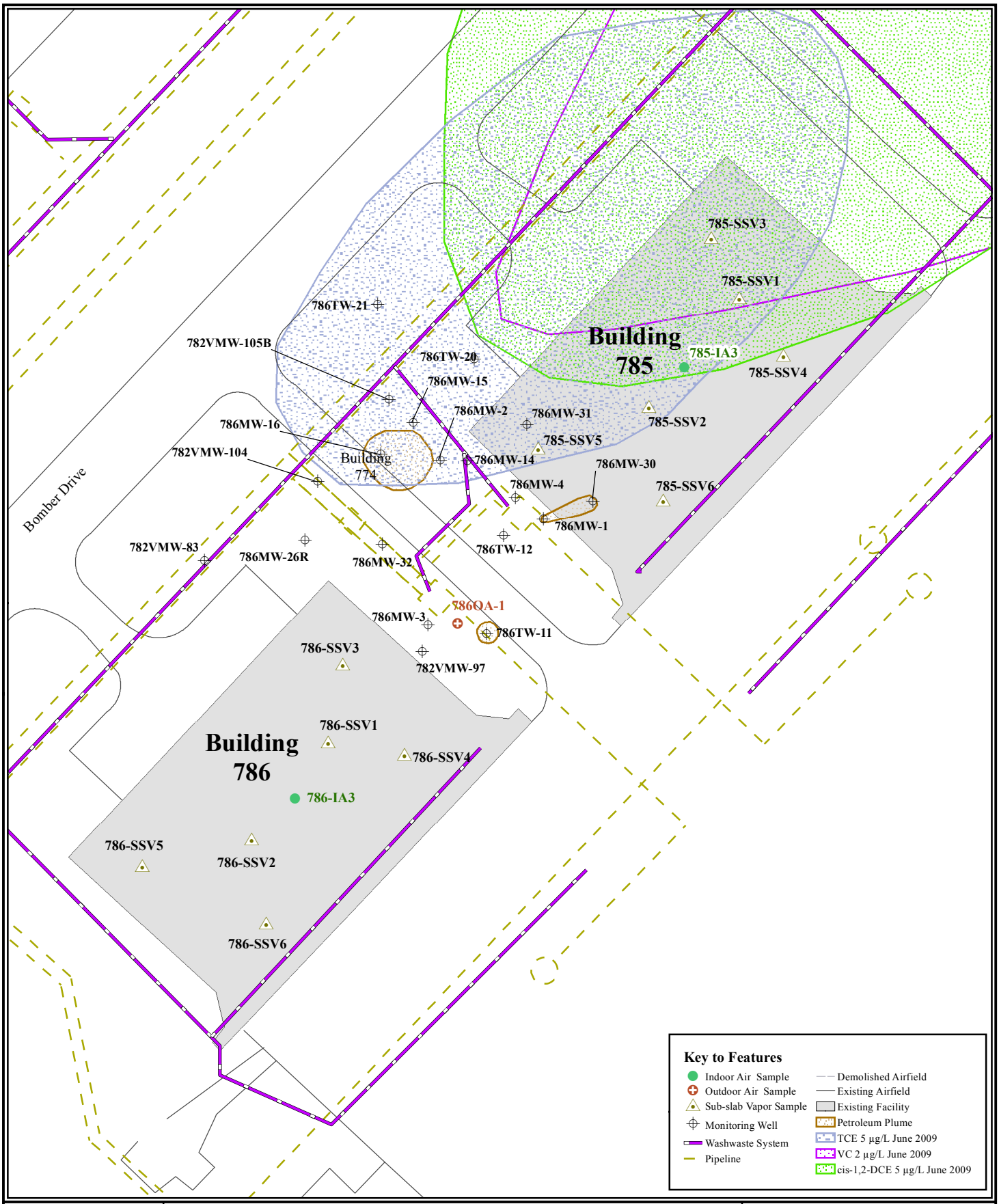
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Feet

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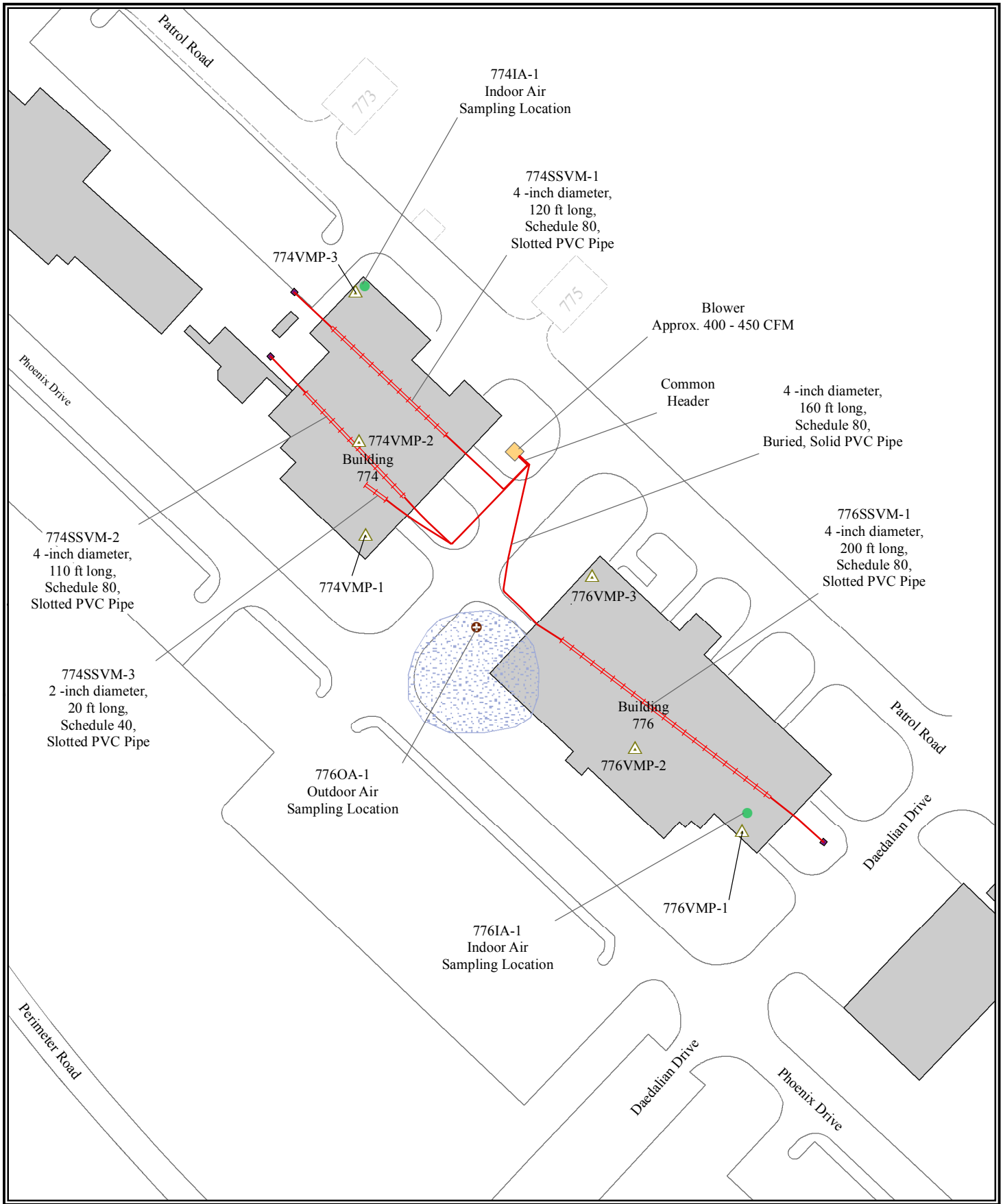
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Site Location

Key to Features

- Indoor
- Outdoor
- SubSlab Vapor
- Horizontal Well Screen
- Horizontal Well Riser
- Demolished Road
- Existing Road
- TCE 50 µg/L October 2010
- SVE System
- Entrance/Exit Pit
- Demolished Facility
- Existing Facility

Figure 3-1
Buildings 774 and 776
SSVM System

0 50 100 200
Feet

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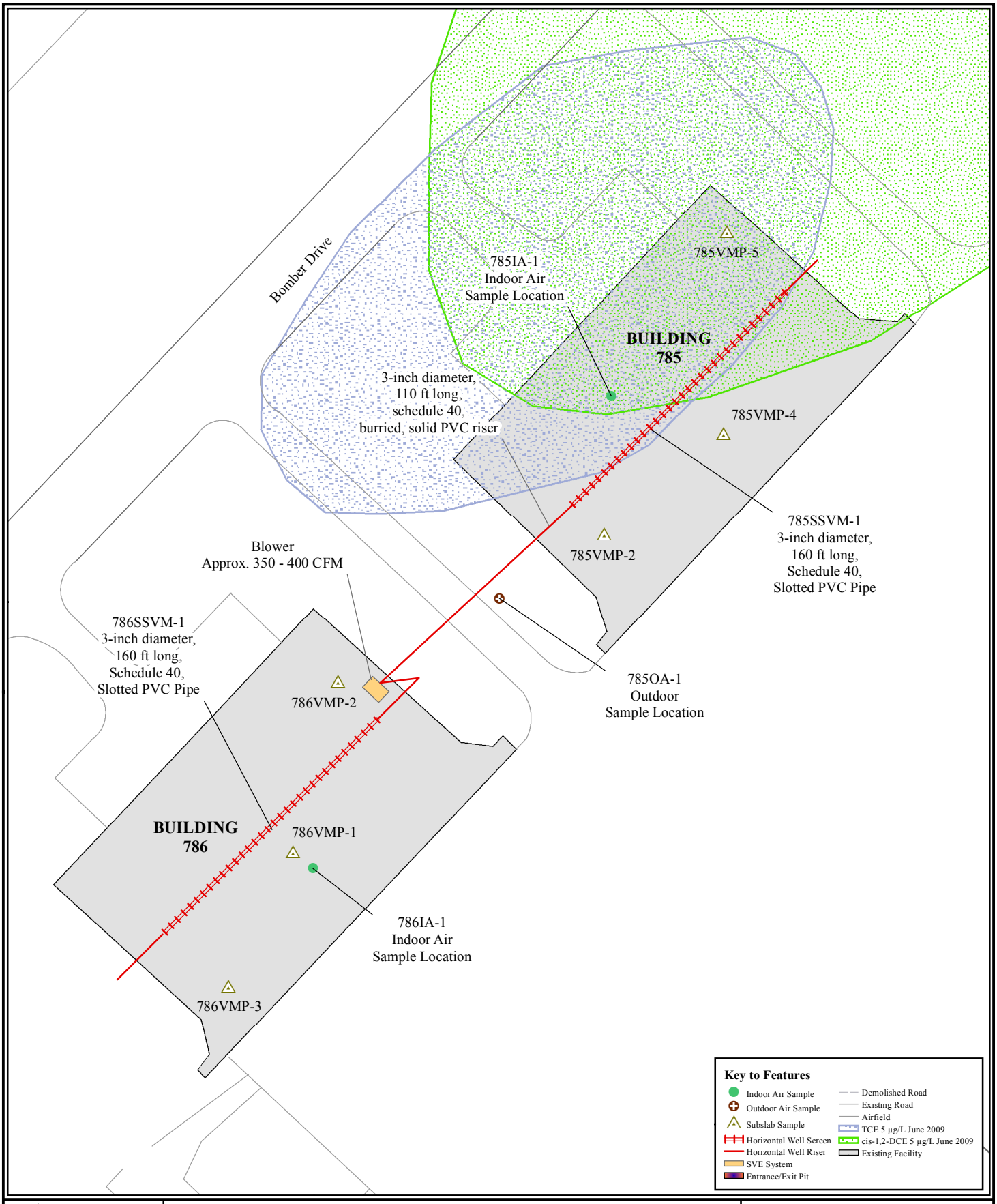

Bomber Drive
785IA-1
Indoor Air
Sample Location
785VMP-5
BUILDING
785
3-inch diameter,
110 ft long,
schedule 40,
buried, solid PVC riser
785VMP-4
785SSVM-1
3-inch diameter,
160 ft long,
Schedule 40,
Slotted PVC Pipe
785VMP-2
Blower
Approx. 350 - 400 CFM
786SSVM-1
3-inch diameter,
160 ft long,
Schedule 40,
Slotted PVC Pipe
785OA-1
Outdoor
Sample Location
786VMP-2
BUILDING
786
786VMP-1
786IA-1
Indoor Air
Sample Location
786VMP-3
Key to Features
Indoor Air Sample
Outdoor Air Sample
Subslab Sample
Horizontal Well Screen
Horizontal Well Riser
SVE System
Entrance/Exit Pit
Demolished Road
Existing Road
Airfield
TCE 5 µg/L June 2009
cis-1,2-DCE 5 µg/L June 2009
Existing Facility
Site Location
Figure 3-2
Buildings 785 and 786
SSVM System
N
0
25
50
100
150
Feet
UNITED STATES AIR FORCE
GRIFFISS AIR FORCE BASE
ROME, NEW YORK
FPM Remediations, Inc
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Figure 3-3- 774SSVM-1, -2 and 776SSVM-1
Long Term Operation Flow Rate
(June 2011 through March 2013)

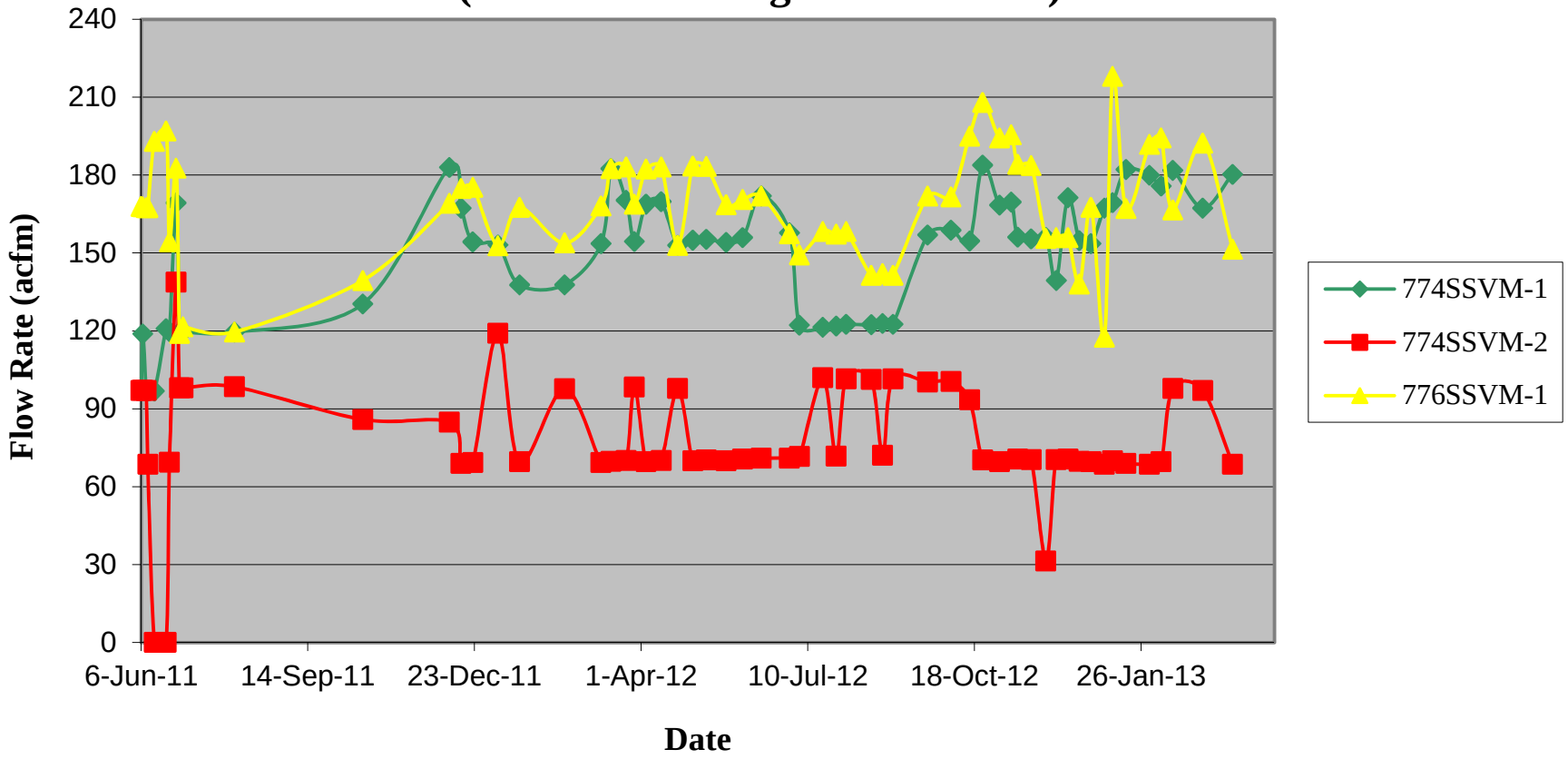


Figure 3-4 - 774SSVM-1, -2 and 776SSVM-1
Long Term Operation Vacuum
(June 2011 through March 2013)

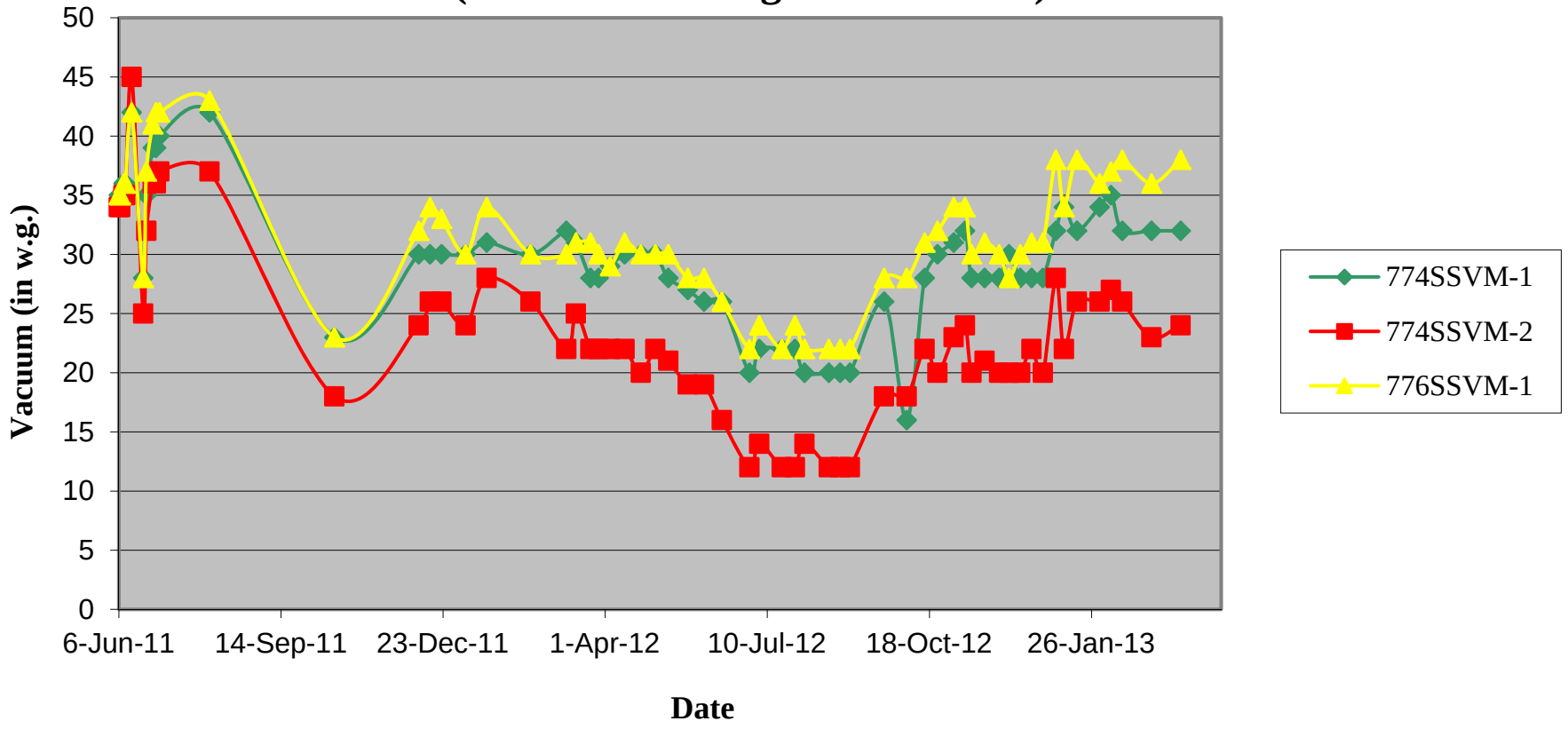


Figure 3-5 - 785SSVM-1 and 786SSVM-1
Long Term Operation Flow Rate
(May 2011 through March 2013)

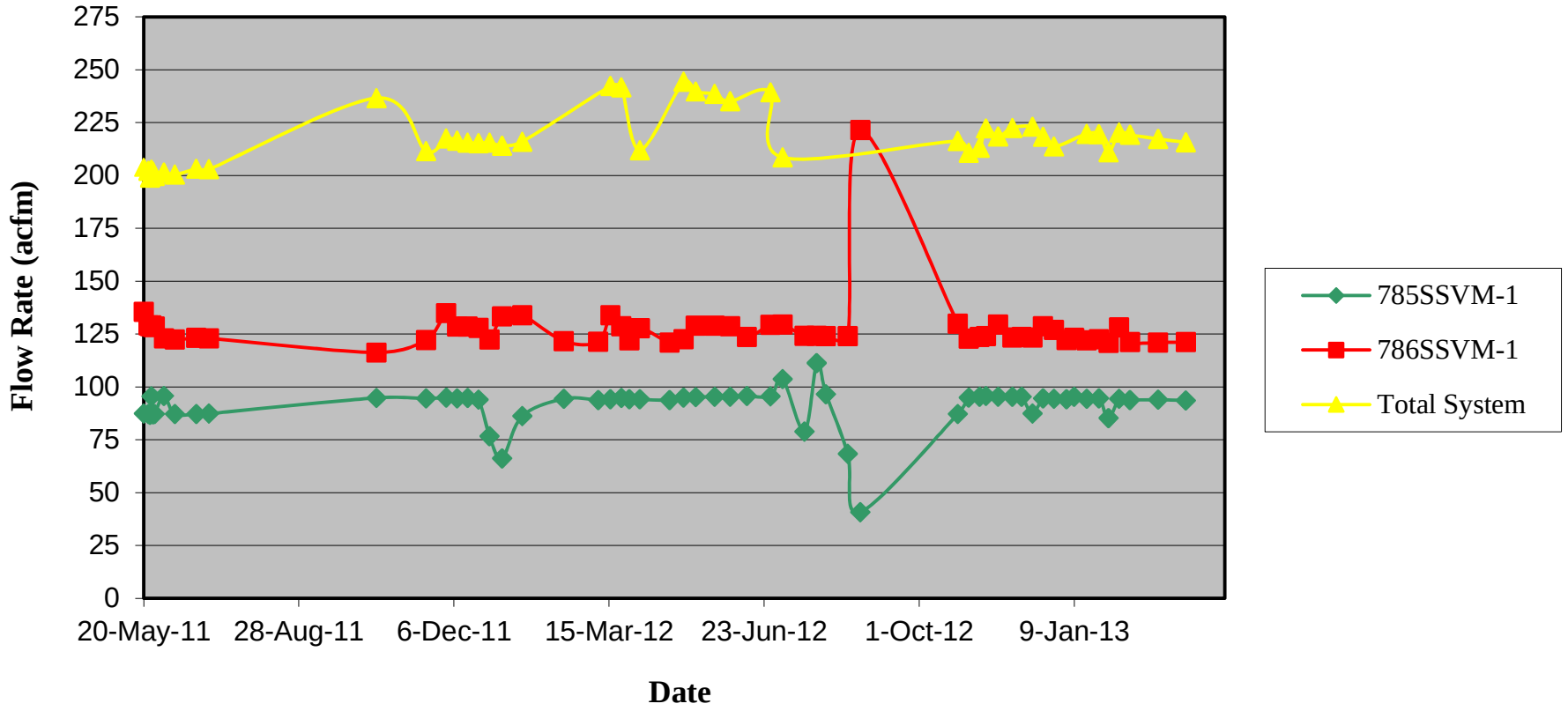


Figure 3-6 - 785SSVM-1 and 786SSVM-1
Long Term Operation Vacuum
(May 2011 through March 2013)

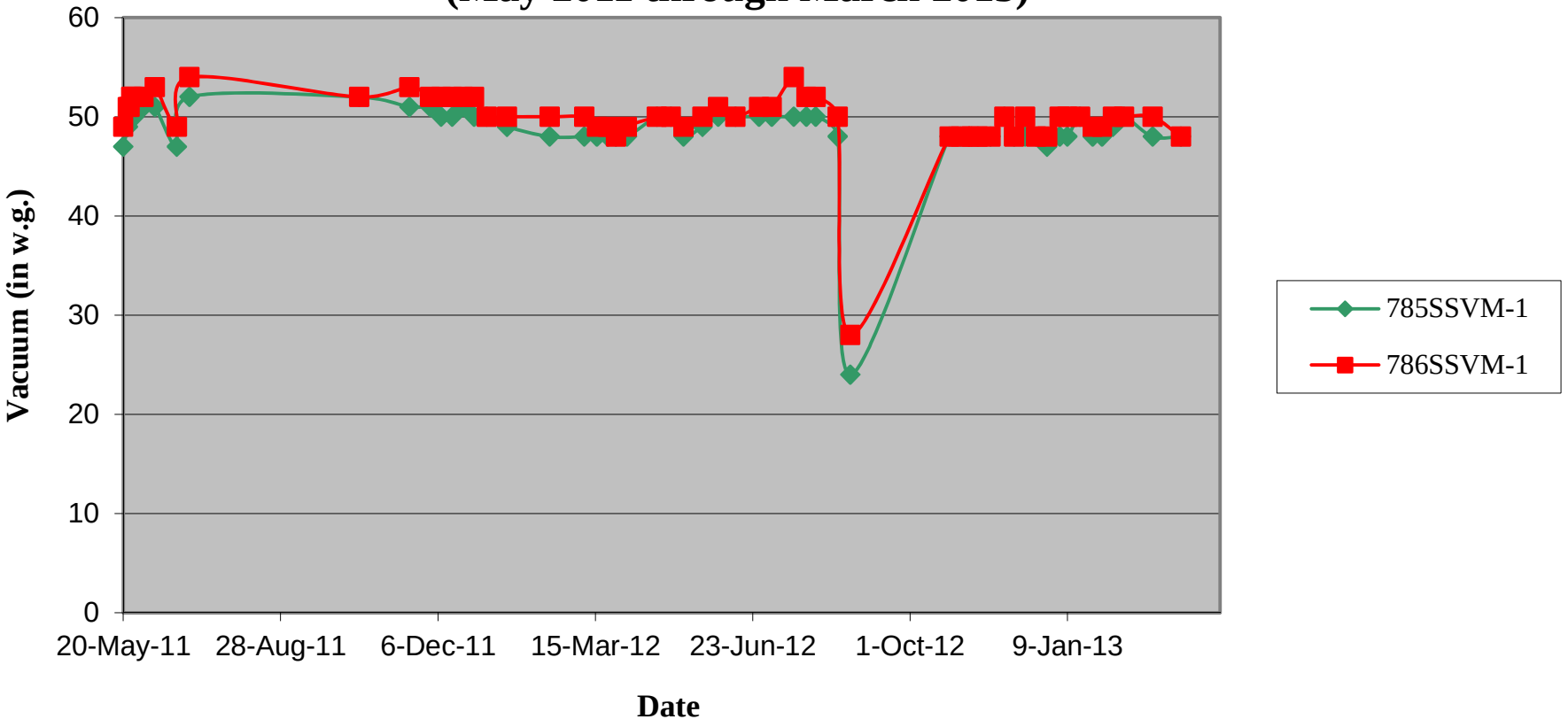
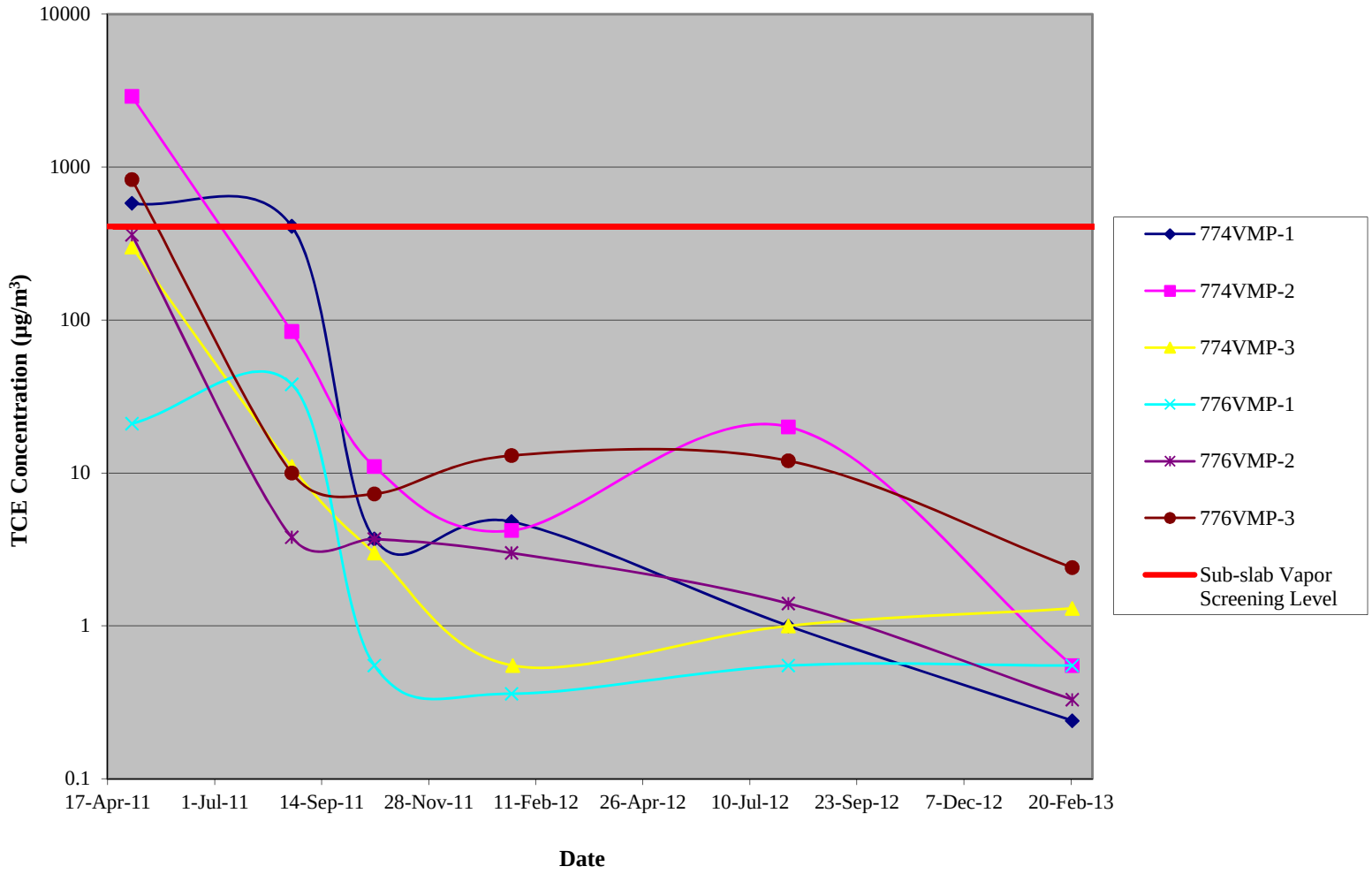


Figure 3-7
Sub-Slab TCE Trend Chart Buildings 774 and 776
(May 2011 through February 2013)



Note: Not detected results are plotted as half the reporting limit for TCE (0.55 µg/m^3).

Figure 3-8
Influent TCE Trend Chart Buildings 774 and 776
(June 2011 through February 2013)

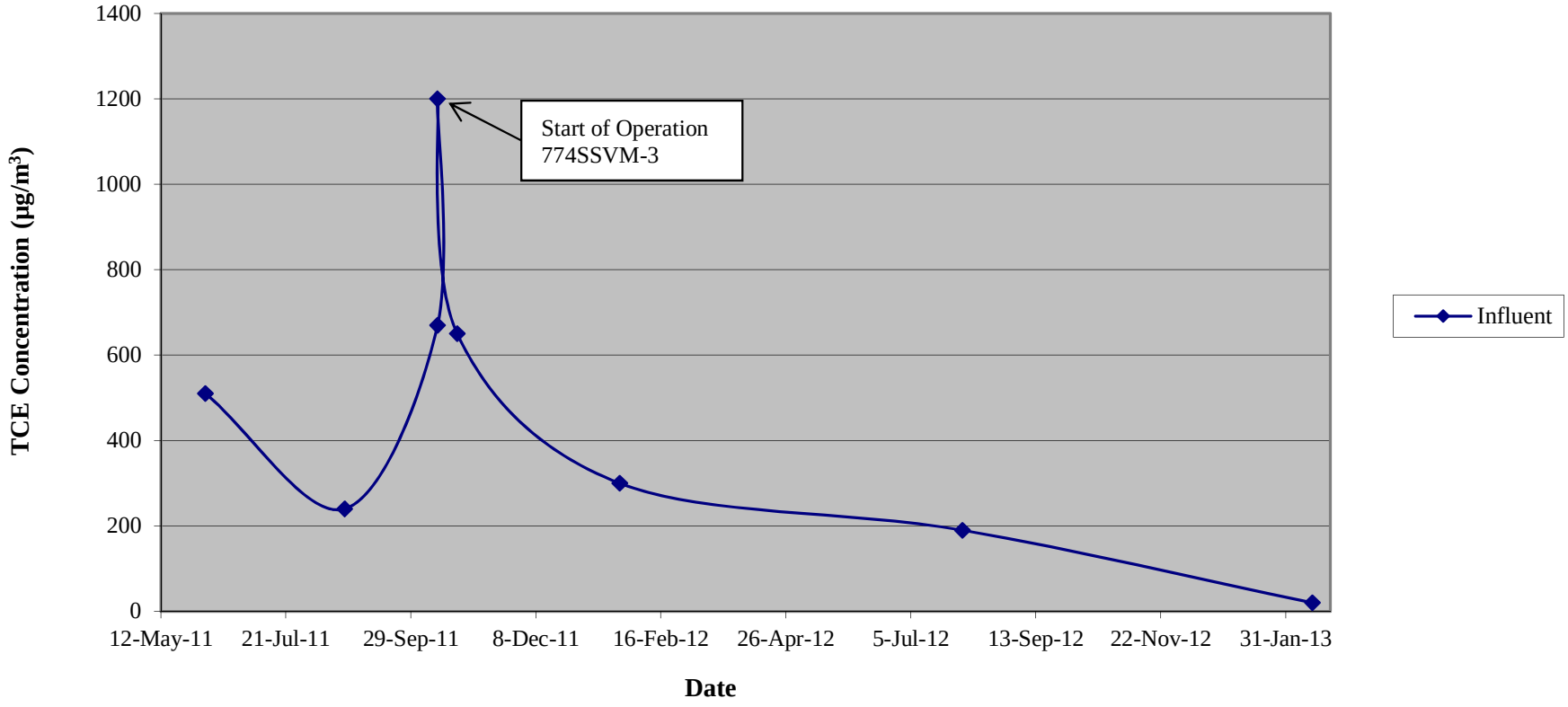
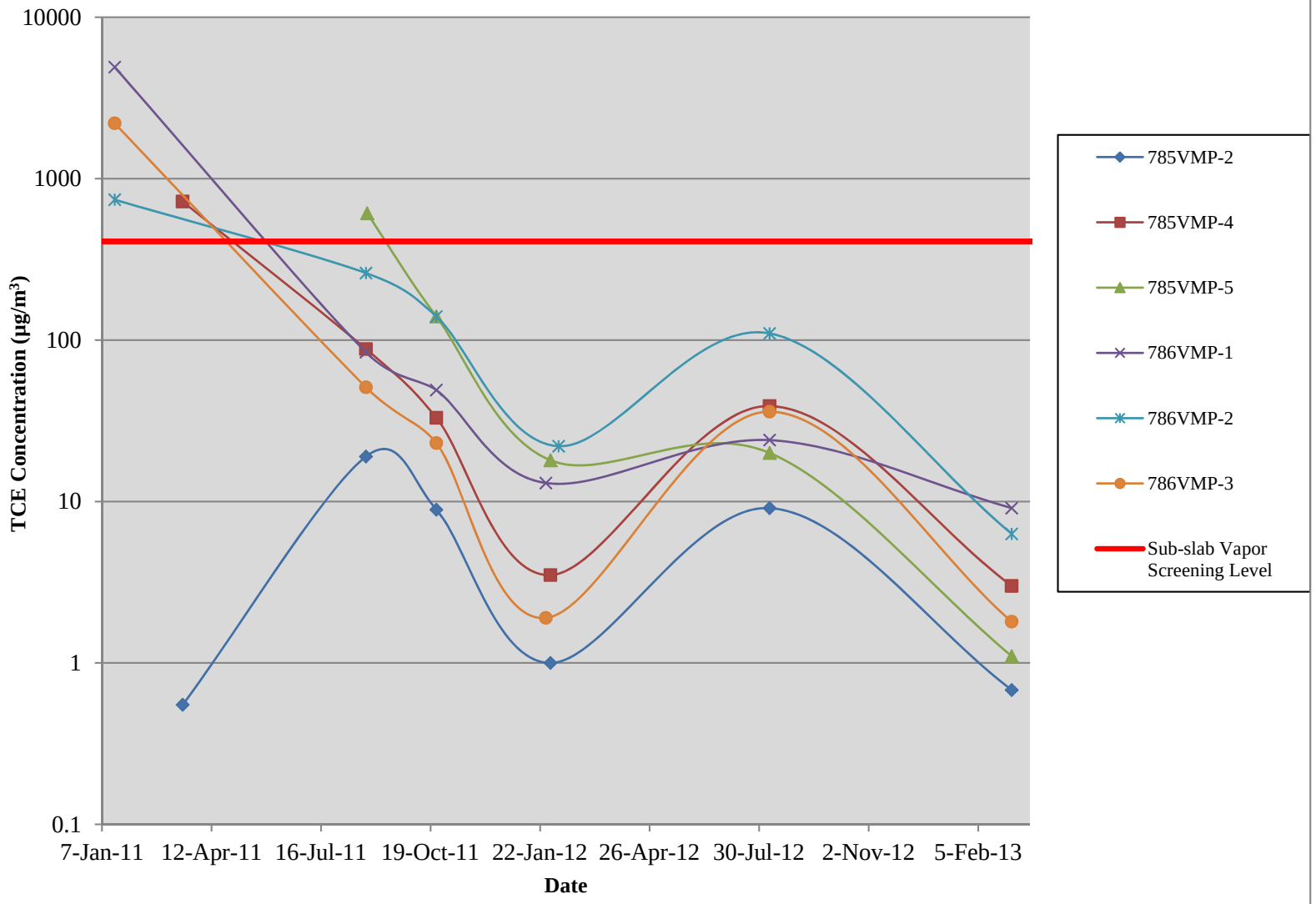
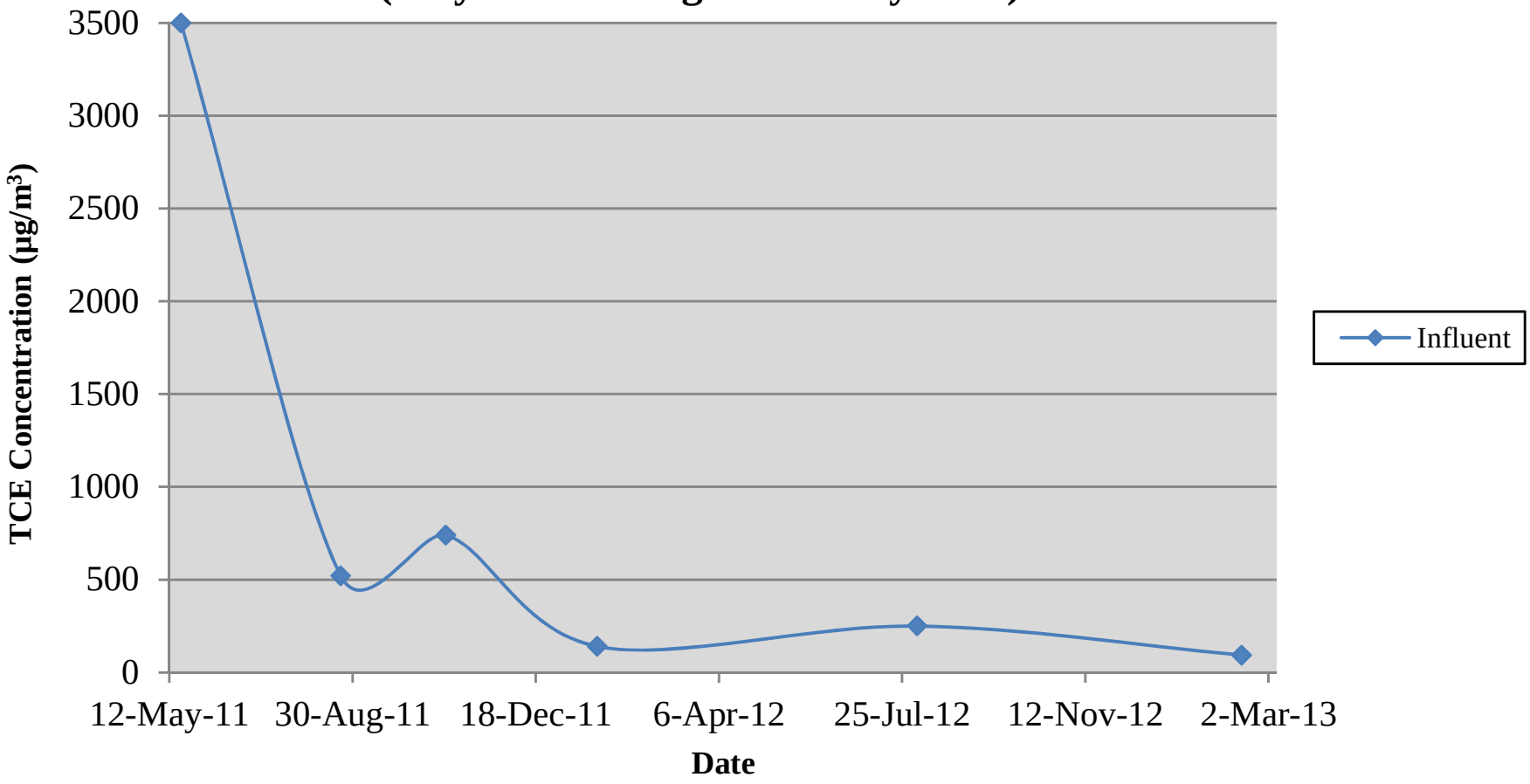


Figure 3-9
Sub-Slab TCE Trend Chart Buildings 785 and 786
(March 2011 through March 2013)



Note: Not detected results are plotted as the half reporting limit for TCE (0.55 µg/m^3).

Figure 3-10
Influent TCE Trend Chart Buildings 785 and 786
(May 2011 through February 2013)



Tables

Table 2-1 - Building 774/776 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008/May 2008

Sample Location		**774IA-1**			**774IA-2**			**774IA-3**	
Sample ID		**774-IA1**	**774IA1BB**	**774IA1CA**	**774-IA2**	**774IA2BB**	**774IA2CA**	**774IA3BB**	**774IA3CA**
Sample Type	**Indoor Air Screening**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date		**20-Dec-2006**	**15-Apr-2008**	**29-May-2008**	**20-Dec-2006**	**15-Apr-2008**	**29-May-2008**	**15-Apr-2008**	**29-May-2008**
Sample Depth (ft above ground)	**Level ($\mu g/m^3$)**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)	**12**	**8**	**12**	**12**	**8**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$									
cis-1,2-dichloroethene	102	U	1.57	0.685	U	U	U	U	U
trichloroethylene (TCE)	41	2.4	347	3.99	3.4	559	4.21	389	4.7
vinyl chloride	186	U	0.13	U	U	U	U	U	U

Notes:
U - Not detected.
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 774/776 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008/May 2008

Sample Location	**Indoor Air Screening Level (µg/m^3)**	**774IA-4**		**774IA-5**	**774OA-1**		
Sample ID		**774IA4BB**	**774IA4CA**	**774IA5CA**	**774-OA1**	**774OA1BB**	**774OA1CA**
Sample Type		**Indoor**	**Indoor**	**Indoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date		**15-Apr-2008**	**29-May-2008**	**29-May-2008**	**20-Dec-2006**	**15-Apr-2008**	**29-May-2008**
Sample Depth (ft above ground)		**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)	**12**	**12**	**12**	**12**	**8**	**8**	**8**
Volatiles (TO-15) in µg/m^3							
cis-1,2-dichloroethene	102	U	U	U	U	U	U
trichloroethylene (TCE)	41	236	2.13	6.61	U	0.492	U
vinyl chloride	186	U	U	U	U	U	U

Notes:
U - Not detected.
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 774/776 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008

Sample Location	**Indoor Air Screening Level ($\mu g/m^3$)**	**776IA-1**		**776IA-2**		**776IA-3**	**776IA-4**
Sample ID		**776-IA1**	**776IA1BB**	**776-IA2**	**776IA2BB**	**776IA3BB**	**776IA4BB**
Sample Type		**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date		**20-Dec-2006**	**15-Apr-2008**	**20-Dec-2006**	**15-Apr-2008**	**15-Apr-2008**	**20-Dec-2006**
Sample Depth (ft above ground)		**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$							
cis-1,2-dichloroethene	102	U	U	U	U	U	U
trichloroethylene (TCE)	41	4.4	3.28	2.9	2.35	2.51	2.62
vinyl chloride	186	U	U	U	U	U	U

Notes:

U - Not detected.

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 774/776 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$)**	**774SSV-1**		**774SSV-2**		**774SSV-3**	**774SSV-4**
Sample ID		**774-SSV1**	**774SSV1BB**	**774-SSV2**	**774SSV2BB**	**774SSV3BB**	**774SSV4BB**
Sample Type		**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**
Sample Date		**24-Oct-2006**	**15-Apr-2008**	**24-Oct-2006**	**15-Apr-2008**	**15-Apr-2008**	**15-Apr-2008**
Sample Depth (ft bgs)		**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$							
cis-1,2-dichloroethene	1,022	U	U	U	U	0.64	0.60
trichloroethylene (TCE)	409	1,700	490	810	590	66	69
vinyl chloride	186	U	U	U	U	U	U

Notes:

U: Not detected.

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the cancer screening value.

Table 2-1 - Building 774/776 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$)**	**776SSV-1**		**776SSV-2**		**776SSV-3**	**776SSV-4**
Sample ID		**776-SSV1**	**776SSV1BB**	**776-SSV2**	**776SSV2BB**	**776SSV3BB**	**776SSV4BB**
Sample Type		**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**
Sample Date		**24-Oct-2006**	**15-Apr-2008**	**24-Oct-2006**	**15-Apr-2008**	**15-Apr-2008**	**15-Apr-2008**
Sample Depth (ft bgs)		**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$							
cis-1,2-dichloroethene	1,022	U	U	U	U	0.64	U
trichloroethylene (TCE)	409	3,000	6.9	700	110	120	230
vinyl chloride	186	U	U	U	U	U	U

Notes:

U: Not detected.

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the cancer screening value.

Table 2-1 - Building 785/786 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008

Sample Location	**Indoor Air Screening Level ($\mu g/m^3$)**	**785IA-1**	**785IA-2**	**785IA-3**
Sample ID		**785-IA1**	**785-IA2**	**785IA3BB**
Sample Type		**Indoor**	**Indoor**	**Indoor**
Sample Date		**20-Dec-2006**	**20-Dec-2006**	**17-Apr-2008**
Sample Depth (ft above ground)		**5**	**5**	**5**
Sample Collection Duration (hr)	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$				
1,2,4-trimethylbenzene	NA	NA	NA	1.30
1,3,5-trimethylbenzene	NA	NA	NA	0.650 F
benzene	88	1.1	1.1	0.617
carbon disulfide	NA	U	U	U
carbon tetrachloride	NA	U	U	U
ethylbenzene	743	NA	NA	0.441 F
freon 11	NA	U	U	U
freon 113	NA	U	U	U
freon 12	NA	U	U	U
isopropyl alcohol	NA	U	U	U
m,p-xylene (sum of isomers)	292	NA	NA	1.28 F
methyl ethyl ketone	NA	U	U	U
methylene chloride	NA	U	U	U
Naphthalene	NA	NA	NA	1.33
o-xylene	292	NA	NA	0.485 F
tetrachloroethylene (PCE)	102	U	U	U
toluene	NA	NA	NA	2.72
trichloroethylene (TCE)	41	U	U	0.655
vinyl chloride	186	U	U	U

Notes:

U - Not detected.

F - The result was detected between the MDL and RL.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

Table 2-1 - Building 785/786 AOC Short List Indoor and Outdoor Historical Analytical Results
December 2006/April 2008

Sample Location	**Indoor Air Screening Level ($\mu g/m^3$)**	**786IA-1**	**786IA-2**	**786IA-3**	**786OA-1**	
Sample ID		**786-IA1**	**786-IA2**	**786IA3BB**	**786-OA1**	**786OA1BB**
Sample Type		**Indoor**	**Indoor**	**Indoor**	**Outdoor**	**Outdoor**
Sample Date		**20-Dec-2006**	**20-Dec-2006**	**18-Apr-2008**	**20-Dec-2006**	**18-Apr-2008**
Sample Depth (ft above ground)		**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)	**12**	**8**	**8**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$						
1,2,4-trimethylbenzene	NA	NA	U	0.749	U	0.949
1,3,5-trimethylbenzene	NA	NA	U	U	U	U
benzene	88	1.2	1.2	0.747	0.96	0.617
cis-1,2-dichloroethene	102	U	U	U	U	U
ethylbenzene	743	NA	NA	U	NA	U
m,p-xylene (sum of isomers)	292	NA	NA	0.750 J	NA	0.883 J
Naphthalene	NA	NA	NA	1.01	NA	U
o-xylene	292	NA	NA	U	NA	0.441 J
tetrachloroethylene (PCE)	102	U	0.896 F	U	U	U
toluene	NA	NA	NA	1.92	NA	1.49
trichloroethylene (TCE)	41	0.43 J	U	U	U	U
vinyl chloride	186	U	U	U	U	U

Notes:

U - Not detected.

F - The result was detected between the MDL and RL.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

Table 2-1 - Building 785/786 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$)**	**785SSV-1**		**785SSV-2**		**785SSV-3**	**785SSV-4**	**785SSV-5**	**785SSV-6**
Sample ID		**B785-SSV1**	**785SSV1BB**	**B785-SSV2**	**785SSV2BB**	**785SSV3BB**	**785SSV4BB**	**785SSV5BB**	**785SSV6BB**
Sample Type		**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**
Sample Date		**24-Oct-2006**	**17-Apr-2008**	**24-Oct-2006**	**17-Apr-2008**	**17-Apr-2008**	**17-Apr-2008**	**17-Apr-2008**	**17-Apr-2008**
Sample Depth (ft bgs)		**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$									
1,1,1-trichloroethane	146,000	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	NA	1.9	NA	2.3	2.9	4.0	3.4	9.0
1,3,5-trimethylbenzene	175	U	0.70 J	U	0.90	1.1	1.6	1.6	3.5
acetone	NA	U	U	U	U	U	U	U	U
allyl chloride (3-chloropropene)	29	U	U	U	U	U	U	U	U
benzene	105	U	10	15	3.5	17	19	14	20
carbon disulfide	20,440	U	U	U	U	U	U	U	U
carbon tetrachloride	55	U	U	U	U	U	U	U	U
chloroform	36	U	U	U	U	U	U	U	U
chloromethane	818	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	1,022	75	13	U	0.69	0.48 J	14	0.52 J	56.00
cyclohexane	175,200	U	U	U	U	U	U	U	U
ethylbenzene	743	U	1.0	U	1.9	1.8	2.4	3.0	4.0
freon 11	20,440	U	U	U	U	U	U	U	U
freon 113	876,000	U	U	U	U	U	U	U	U
freon 12	5,840	U	U	U	U	U	U	U	U
m,p-xylene (sum of isomers)	2,920	U	2.7	U	4.4	6.3	8.8	10	12 J
methyl ethyl ketone	146,000	U	U	U	U	U	U	U	U
methylene chloride	1,740	U	U	U	U	U	U	U	U
Naphthalene	NA	NA	1.2	NA	1.9	1.2	1.4	1.8	1.6
o-xylene	2,920	U	1.1	U	1.6	1.9	2.8	4.9	3.3
tetrachloroethylene (PCE)	139	U	U	U	U	U	U	U	U
tetrahydrofuran	NA	U	U	U	U	U	U	U	U
toluene	146,000	60	5.5	13	5.1	12	18	64	28
trans-1,2-dichloroethene	NA	U	U		U	U	U	U	U
trichloroethylene (TCE)	409	11,000	110	2,300	430	220	11	180	2200
vinyl chloride	186	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

F- The result was detected between the MDL and RL.

J- The analyte was positvely identified, but the quantitation is an approximation.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

Table 2-1 - Building 785/786 AOC Detected Sub-slab Vapor Historical Analytical Results
October 2006/April 2008

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$)**	**786SSV-1**		**786SSV-2**		**786SSV-3**	**786SSV-4**	**786SSV-5**	**786SSV-6**
Sample ID		**B786-SSV1**	**786SSV1BB**	**B786-SSV2**	**786SSV2BB**	**786SSV3BB**	**786SSV4BB**	**786SSV5BB**	**786SSV6BB**
Sample Type		**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**	**SSV**
Sample Date		**24-Oct-2006**	**18-Apr-2008**	**24-Oct-2006**	**18-Apr-2008**	**18-Apr-2008**	**18-Apr-2008**	**18-Apr-2008**	**18-Apr-2008**
Sample Depth (ft bgs)		**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)	**12**	**8**	**12**	**8**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$									
1,2,4-trimethylbenzene	175	NA	3.9	NA	4.8	4.5	4.2	170	4.8
benzene	105	U	29	24 J	21	21	35	36	16
cis-1,2-dichloroethene	1,022	480	230	U	12	1.2	U	3.1	5.4
ethylbenzene	743	U	2.3	U	3.1	2.3	2.9	29	2.3
m,p-xylene (sum of isomers)	2,920	U	9.0	U	8.4	8.9	8.4	91	9.2
Naphthalene	NA	NA	1.3	NA	2.1	2.6	1.2	27	1.5
o-xylene	2,920	U	3.0	U	3.9	2.8	3.8	57	3.0
tetrachloroethylene (PCE)	139	2200	70	U	0.97	U	U	57	23
toluene	146,000	U	21	U	14	12	20	75	15
trichloroethylene (TCE)	409	81,000	19,000	4,700 J	1,500	69	320	3,600	6,500
vinyl chloride	186	U	U	U	U	U	U	U	U

Notes:

U - Not detected.

F- The result was detected between the MDL and RL.

J- The analyte was positvely identified, but the quantitation is an approximation.

NA- Not Available

$\mu g/m^3$: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

Table 3-1
SSVM Systems Operation and Maintenance

Field Activities	Rationale	Location	Parameters
System Component Readings	Weekly recording of system temperature, flow, vacuum and motor status to determine proper operation.	Building 774 / 776 Blower Shed and Building 785 / 786 Blower Shed	None
VMP Vacuum Measurements	Semi-annually recording to support sub-slab depressurization.	VMPs inside buildings as shown on Figure 3-1 and 3-2	None
Granular Activated Carbon Replacement	Every four months to adsorb extracted chlorinated solvent vapors.	Building 774 / 776 Blower Shed and Building 785 / 786 Blower Shed	None
Indoor Air Sampling	Semi-Annually to evaluate current human exposure and to obtain site specific attenuation factors for risk assessment (ratio of indoor air to sub-slab vapor concentrations).	One sample per building as shown on Figure 3-1 and 3-2	VOC: Method TO-15 Full List
Outdoor Air Sampling	Semi-Annually to occur simultaneously with indoor air sampling to evaluate potential influence of outdoor air on indoor air sampled.	One sample per site as shown on Figure 3-1 and 3-2	VOC: Method TO-15 Full List
Sub-Slab Vapor Sampling	Semi-Annually to occur simultaneously with indoor air sampling to evaluate chlorinated solvent transport and mitigation and to obtain site specific attenuation factors for risk assessment (ratio of indoor air to sub-slab vapor concentrations).	VMPs inside buildings as shown on Figure 3-1 and 3-2	VOC: Method TO-15 Full List
Influent Sampling	Semi-Annually prior to sub-slab sampling to determine soil vapor extraction.	SSVM System's exhaust stack before carbon treatment	VOC: Method TO-15 Full List

Table 3-2
Building 774 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	774VMP-1					
Sample ID			**774VMP0101AA**	**774VMP0101AB**	**774VMP0101AC**	**774VMP0101AD**	**774VMP0101AG**	**774VMP0101HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**4-May-2011**	**24-Aug-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	59	8.3	U	U	U	U
1,1-dichloroethane	NA	NA	0.53 F	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	6.7	3.2	U	12	1.8	1.3 F
1,2-dichloroethane	9	31	U	U	U	U	U	0.37 F
1,3,5-trimethylbenzene	175	18	2.5	0.9	U	3.2 F	0.47 F	0.52 F
1,3-dichlorobenzene	3,212	321	U	U	U	1.4 F	0.40 F	U
1,4-dichlorobenzene	23,360	2,336	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	1.9	U	2.6 F	2.2	15
4-ethyltoluene	NA	NA	4.6	1.2	U	3.2 F	0.56 F	0.26 F
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.28 F	U
acetone	NA	NA	54	31	18	64	30 B	86
benzene	105	88	1.6	4.3	U	U	0.44 F	1.3
carbon disulfide	20,440	2,044	U	0.66	U	U	U	0.42 F
carbon tetrachloride	55	55	1	0.70 F	U	U	0.50 F	0.76 F
chlorobenzene	NA	NA	U	0.51 F	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U
chloroform	36	36	18	9.1	U	U	0.38 F	U
chloromethane	818	263	3.5	U	U	U	1.1	2.1
cis-1,2-dichloroethene	1,022	102	0.89	0.77	U	U	U	U
cumene	NA	NA	NA	NA	NA	1.1 F	U	U
cyclohexane	175,200	17,520	4.8	7.8	2.4	U	2.3	18
ethyl acetate	93,440	9,344	U	U	0.77 F	U	U	U
ethylbenzene	743	743	1.4	2.8	U	4.1 F	0.95	1.8
freon 11 (trichlorofluoromethane)	20,440	2,044	31	19	2.0	1.9 F	2.3	2 F
freon 113 (freon TF)	876,000	87,600	U	0.78 F	U	U	0.63 F	0.65 F
freon 12 (dichlorodifluoromethane)	5,840	584	2.1	2.8	2.5	2.4 F	2.8	3.4 F
freon 22	NA	NA	NA	NA	NA	300	83	7.3 F
heptane	NA	NA	U	3.7	U	U	0.68 F	18
hexane	20,440	2,044	U	7.9	U	5.1	1.2	27
isopropyl alcohol	NA	NA	U	U	2.8	17 F	22	65
m,p-xylene (sum of isomers)	2,920	292	5.3	9	U	12	3.1	6.4
methyl butyl ketone	NA	NA	U	U	U	U	0.43 F	U
methyl ethyl ketone	146,000	14,600	1.7	4.9	1.7	1.9 F	3.2 B	6.1
methyl isobutyl ketone	87,600	8,760	U	U	U	U	1.1 F	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U
methylene chloride	1,740	1,740	U	0.99	0.46 F	U	0.72 F	0.77 F
Naphthalene	NA	NA	U	U	U	U	0.60 F	1.1 F
n-Butane	NA	NA	NA	NA	NA	U	1.4	3.7
n-Propylbenzene	NA	NA	NA	NA	NA	2.2 F	0.36 F	U
o-xylene	2,920	292	2.4	2.4	U	7.9	1.2	2
styrene	29,200	2,920	U	U	U	U	0.48 F	0.41 F
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	1.4 F
tetrachloroethylene (pce)	139	102	0.97 F	1	U	U	U	U
tetrahydrofuran	NA	NA	3.1	U	U	U	2.2 F	U
toluene	146,000	14,600	1.6	17	2.1	5.2	4.2	7.4
trichloroethylene (tce)	409	41	580	410	3.7	4.8 F	1.0 F	0.24 F
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.

Table 3-2
Building 774 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	774VMP-2					
Sample ID			**774VMP0201AA**	**774VMP0201AB**	**774VMP0201AC**	**774VMP0201AD**	**774VMP0201AG**	**774VMP0201HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**4-May-2011**	**24-Aug-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	85	2.4	U	U	2.6	U
1,1-dichloroethane	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	12	4	0.65 F	6.0 F	1.7	0.45 F
1,2-dichloroethane	9	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	3.9	2	U	U	0.43 F	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	0.37 F	U
1,4-dichlorobenzene	23,360	2,336	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	2.2	U	2.1 F	U	12
4-ethyltoluene	NA	NA	8.5	1.5	U	U	0.52 F	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.34 F	U
acetone	NA	NA	53	U	11	110 F	43	82
benzene	105	88	6	4.4	U	U	0.53 F	1.2
carbon disulfide	20,440	2,044	0.95	0.6	U	U	1.2 F	U
carbon tetrachloride	55	55	1.4	0.70 F	U	U	0.59 F	U
chlorobenzene	NA	NA	U	0.56 F	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U
chloroform	36	36	45	1.8	0.69 F	U	0.69 F	U
chloromethane	818	263	U	U	U	U	0.77 F	1.9
cis-1,2-dichloroethene	1,022	102	0.73	U	U	U	U	U
cumene	NA	NA	NA	NA	NA	U	U	U
cyclohexane	175,200	17,520	5.9	10	3.5	U	1.8	12
ethyl acetate	93,440	9,344	U	0.62 F	U	U	U	U
ethylbenzene	743	743	1.6	3.2	U	1.9 F	0.94	1.5
freon 11 (trichlorofluoromethane)	20,440	2,044	400	22	2.2	U	3.8	1.8
freon 113 (freon TF)	876,000	87,600	0.86 F	0.78 F	U	U	0.61 F	U
freon 12 (dichlorodifluoromethane)	5,840	584	2.8	2.8	2.1	3.1 F	2.5	2.9
freon 22	NA	NA	NA	NA	NA	750	130	6.7 F
heptane	NA	NA	U	4.2	6.2	U	0.88	18
hexane	20,440	2,044	U	8.2	U	U	0.77	23
isopropyl alcohol	NA	NA	4.4	15	2.4	20 F	30	39
m,p-xylene (sum of isomers)	2,920	292	5.1	12	0.53 F	5.5 F	3.1	4.7
methyl butyl ketone	NA	NA	U	U	U	U	U	U
methyl ethyl ketone	146,000	14,600	4.3	3	U	U	3.4 B	5.4
methyl isobutyl ketone	87,600	8,760	U	U	U	U	1.3 F	U
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U
methylene chloride	1,740	1,740	U	U	U	U	0.59 F	U
Naphthalene	NA	NA	U	U	U	U	1.9 F	U
n-Butane	NA	NA	NA	NA	NA	U	1.2 F	3.6
n-Propylbenzene	NA	NA	NA	NA	NA	U	0.31 F	U
o-xylene	2,920	292	2.2	2.8	U	3.6 F	1.1	1.2
styrene	29,200	2,920	U	U	U	U	0.44 F	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	U
tetrachloroethylene (pce)	139	102	2.8	U	U	U	U	U
tetrahydrofuran	NA	NA	6.7	U	U	U	1.4 F	U
toluene	146,000	14,600	3.2	17	1.4	4.8 F	3.9	4.7
trichloroethylene (tce)	409	41	2,900	84	11	4.2 F	20	U
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.

Table 3-2
Building 774 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	774VMP-3					
Sample ID			**774VMP0301AA**	**774VMP0301AB**	**774VMP0301AC**	**774VMW0301AD**	**774VMP0301AG**	**774VMP0301HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**4-May-2011**	**24-Aug-2011**	**21-Oct-2011**	**26-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	12	0.67 F	U	U	U	U
1,1-dichloroethane	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	6.3	4.1	0.95	U	0.35 F	1.4 F
1,2-dichloroethane	9	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	2.2	1.8	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	U	U
1,4-dichlorobenzene	23,360	2,336	U	U	U	U	U	U
1,4-dioxane	NA	NA	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	2.3	U	U	U	13
4-ethyltoluene	NA	NA	4.2	1.6	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.27 F	1.8 F
acetone	NA	NA	17	19	12	30 F	25 B	94
benzene	105	88	2.5	3.8	0.39 F	U	0.38 F	2.9 F
carbon disulfide	20,440	2,044	0.95	1.4	U	U	0.32 F	9
carbon tetrachloride	55	55	0.45	U	U	U	U	U
chlorobenzene	NA	NA	U	0.84	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	U
chloroform	36	36	9.1	U	U	U	0.22 F	U
chloromethane	818	263	U	U	U	U	0.43 F	1.3 F
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	U
cumene	NA	NA	NA	NA	NA	U	U	U
cyclohexane	175,200	17,520	6.2	11	4.8	U	0.83	12
ethyl acetate	93,440	9,344	U	U	U	U	U	U
ethylbenzene	743	743	1.5	3.6	U	U	0.45 F	4 F
freon 11 (trichlorofluoromethane)	20,440	2,044	630	120	9.5	21	15	5.4 F
freon 113 (freon TF)	876,000	87,600	0.86 F	0.78 F	U	U	0.51 F	U
freon 12 (dichlorodifluoromethane)	5,840	584	U	2.6	2.4	3.5 F	2.4 F	3.5 F
freon 22	NA	NA	NA	NA	NA	880	26	11 F
heptane	NA	NA	U	3.5	U	U	0.72 F	17
hexane	20,440	2,044	U	7.5	U	U	1.6	20
isopropyl alcohol	NA	NA	U	U	U	25 F	4.2 F	65
m,p-xylene (sum of isomers)	2,920	292	4.5	12	1.2 F	U	1.2 F	15
methyl butyl ketone	NA	NA	U	U	U	U	0.81 F	U
methyl ethyl ketone	146,000	14,600	U	U	U	7.6 F	3.8 B	13
methyl isobutyl ketone	87,600	8,760	U	U	U	U	0.37 F	1.1 F
methyl methacrylate	NA	NA	NA	NA	NA	U	U	U
methylene chloride	1,740	1,740	U	U	U	U	2.1	2.3 F
Naphthalene	NA	NA	U	U	U	U	0.68 F	U
n-Butane	NA	NA	NA	NA	NA	U	2.7	3.2 F
n-Propylbenzene	NA	NA	NA	NA	NA	U	U	U
o-xylene	2,920	292	2.2	3.2	U	U	0.38 F	3.7 F
styrene	29,200	2,920	U	1.4	U	U	0.31 F	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.3 F	U
tetrachloroethylene (pce)	139	102	U	U	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	12 F	1.3 F	U
toluene	146,000	14,600	2.3	16	2.2	1.3 F	4.0	12.0
trichloroethylene (tce)	409	41	300	11	3.0	U	1.0 F	1.3 F
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.

Table 3-2
Building 774 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	774-IA					
Sample ID			**774IA1AD**	**774IA1AE**	**774IA1AF**	**774IA1AG**	**774IA1AH**	**774IA1IA**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date			**5-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-12**	**21-Feb-13**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	U	U	U	U	U	U
1,1-dichloroethane	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	2.7	1.6	0.65 F	U	U	U
1,2-dichloroethane	9	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	U	0.27 F
1,4-dichlorobenzene	23,360	2,336	U	U	U	U	U	0.46 F
1,4-dioxane	NA	NA	U	U	U	U	U	1.6 F
2,2,4-trimethylpentane	NA	NA	U	U	U	U	U	0.55 F
4-ethyltoluene	NA	NA	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	U	U
acetone	NA	NA	52	34	19	28 F	32 B	44
benzene	105	88	1.3	U	U	U	U	0.69
carbon disulfide	20,440	2,044	0.66	U	U	U	U	U
carbon tetrachloride	55	55	0.51	0.90 F	U	U	0.45 F	0.46 F
chlorobenzene	NA	NA	0.7	U	U	U	U	U
chloroethane	NA	NA	U	U	U	U	U	0.2 F
chloroform	36	36	0.55 F	U	U	U	0.28 F	0.32 F
chloromethane	818	263	U	1.2	U	1.7 F	1.2	2.7
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	U
cumene	NA	NA	NA	NA	NA	U	U	U
cyclohexane	175,200	17,520	1.3	U	U	U	U	0.57 F
ethyl acetate	93,440	9,344	U	U	U	U	U	U
ethylbenzene	743	743	0.84	0.57 F	U	U	U	0.19 F
freon 11 (trichlorofluoromethane)	20,440	2,044	33	77	4.2	8.9	5.0	3.2
freon 113 (freon TF)	876,000	87,600	U	0.86 F	U	U	0.56 F	0.72 F
freon 12 (dichlorodifluoromethane)	5,840	584	U	2.8	2.4	U	2.4 F	3
freon 22	NA	NA	NA	NA	NA	350	40	10 F
heptane	NA	NA	1.7	U	U	U	U	0.66 F
hexane	20,440	2,044	33	U	U	U	U	1.9
isopropyl alcohol	NA	NA	11	32	9.9	29 F	8.3 F	26
m,p-xylene (sum of isomers)	2,920	292	2.4	1.2 F	0.57 F	U	U	0.44 F
methyl butyl ketone	NA	NA	U	U	U	U	0.62 F	U
methyl ethyl ketone	146,000	14,600	U	2.8	U	2.5 F	2.2 B	15
methyl isobutyl ketone	87,600	8,760	U	U	U	U	0.37 F	1 F
methyl methacrylate	NA	NA	NA	NA	NA	U	U	0.93 F
methylene chloride	1,740	1,740	U	1.1	U	U	0.45 F	1 F
Naphthalene	NA	NA	U	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	0.32 F	2.5
n-Propylbenzene	NA	NA	NA	NA	NA	U	U	U
o-xylene	2,920	292	0.71	0.49 F	U	U	U	0.18 F
styrene	29,200	2,920	0.78	0.56 F	U	U	U	0.18 F
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	1.7 F
tetrachloroethylene (pce)	139	102	U	U	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	U	U
toluene	146,000	14,600	5.1	2.5	1.3	0.76 F	0.47 F	0.71 F
trichloroethylene (tce)	409	41	4.4	2.3	0.87	1.5 F	0.35 F	0.22 F
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.

Table 3-2
Building 776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776VMP-1					
Sample ID			**776VMP0101AA**	**776VMP0101AB**	**776VMP0101AC**	**776VMP0101AD**	**776VMP0101AG**	**776VMP0101HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	4.5	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	9.0	3.5	U	U	0.46 F	0.66 F
1,2-dichloroethane	31	31	U	0.45 F	U	U	0.32 F	U
1,3,5-trimethylbenzene	175	18	3.8	1.6	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	0.47 F	U	U	6.5
4-ethyltoluene	NA	NA	7.2	0.9	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.33 F	U
acetone	NA	NA	25	39	39	23	57	37
benzene	105	88	1.0	0.55	1.3	0.52 F	0.43 F	0.87
carbon disulfide	20,440	2,044	1.2	0.57	0.44 F	U	9.5	U
carbon tetrachloride	55	55	0.77	0.77 F	U	0.53 F	0.83 F	0.51 F
chlorobenzene	NA	NA	U	U	U	U	U	U
chloroform	36	36	11	0.79	U	0.27 F	U	U
chloromethane	818	263	U	1.1	U	0.67 F	1.3	1.4
cis-1,2-dichloroethene	1,022	102	U	9.70	U	U	U	U
cyclohexane	175,200	17,520	6.8	1.6	3.0	1.2	2.9	6.6
ethyl acetate	93,440	9,344	U	U	U	U	U	U
ethylbenzene	743	743	1.6	0.79	1.6	U	0.92	0.76 F
freon 11 (trichlorofluoromethane)	20,440	2,044	1.7	2.5	1.3	1.4	1.3	1.5
freon 113 (freon TF)	876,000	87,600	8.6	0.86 F	U	0.70 F	0.65 F	0.73 F
freon 12 (dichlorodifluoromethane)	5,840	584	6.6	2.9	2.2	2.9	2.5	2.9
freon 22	NA	NA	NA	NA	NA	12	13	52 F
heptane	NA	NA	U	U	1.0	U	0.38 F	8.3
hexane	20,440	2,044	U	U	1.9	0.38 F	U	9.8
isopropyl alcohol	NA	NA	U	21	21	49	46	46
m,p-xylene (sum of isomers)	2,920	292	5.4	1.9	4.0	0.23 F	1.8 F	2.4
methyl butyl ketone	NA	NA	U	U	U	U	1.4 F	U
methyl ethyl ketone	146,000	14,600	2.9	2.7	1.9	5.9	4.3	3.9
methyl isobutyl ketone	87,600	8,760	2.2	U	U	U	3.1	U
methylene chloride	1,740	1,740	U	13	0.46 F	0.49 F	0.52 F	1 F
naphthalene	NA	NA	U	U	U	U	3.2 F	U
n-Butane	NA	NA	NA	NA	NA	2.4	2.8	2.4
o-xylene	2,920	292	2.5	0.97	1.1	U	0.65 F	0.78 F
styrene	29,200	2,920	1.1	1.1	0.56 F	U	1.0	0.2 F
tert-Butyl alcohol	NA	NA	NA	NA	NA	1.3 F	2.0 F	1 F
tetrachloroethylene (pce)	139	102	U	2.7	U	U	U	U
tetrahydrofuran	NA	NA	4.8	1.1	U	9.9 F	0.72 F	U
toluene	146,000	14,600	5.6	4.1	6.1	0.40 F	1.5	3.1
trichloroethylene (tce)	409	41	21	38	U	0.36 F	U	U
vinyl chloride	186	186	U	0.81	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776VMP-2					
Sample ID			**776VMP0201AA**	**776VMP0201AB**	**776VMP0201AC**	**776VMP0201AD**	**776VMP0201AG**	**776VMP0201HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	8.7	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	9.1	3.3	0.65 F	U	0.45 F	0.73 F
1,2-dichloroethane	31	31	U	0.49 F	U	U	U	U
1,3,5-trimethylbenzene	175	18	2.8	1.2	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	0.24 F	0.56 F	6.5 F
4-ethyltoluene	NA	NA	5.1	1.0	U	U	U	0.27 F
4-isopropyltoluene	NA	NA	NA	NA	NA	0.49 F	0.41 F	U
acetone	NA	NA	17	39	45	20	43	36
benzene	105	88	1.1	0.45 F	1.5	0.65	0.43 F	0.92
carbon disulfide	20,440	2,044	0.98	0.79	0.38 F	0.64 F	0.41 F	0.33 F
carbon tetrachloride	55	55	0.77	0.77 F	0.70 F	0.53 F	0.70 F	0.56 F
chlorobenzene	NA	NA	U	U	U	0.13 F	U	U
chloroform	36	36	8.3	U	U	0.30 F	0.22 F	U
chloromethane	818	263	U	1.2	U	0.85 F	1.4	1.7
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	U
cyclohexane	175,200	17,520	4.5	7.3	8.5	1.4	2.1	5.5
ethyl acetate	93,440	9,344	U	1.9	U	U	U	U
ethylbenzene	743	743	0.66	0.88	1.4	0.75 F	1.1	0.98
freon 11 (trichlorofluoromethane)	20,440	2,044	2.5	1.8	1.6	1.6	1.4	1.5
freon 113 (freon TF)	876,000	87,600	6.8	1.0 F	U	1.2 F	0.67 F	0.68 F
freon 12 (dichlorodifluoromethane)	5,840	584	11.0	3.0	2.6	3.1	2.5	2.5 ♦
freon 22	NA	NA	NA	NA	NA	16	14	68 F
heptane	NA	NA	0.67	1.3	U	0.38 F	0.43 F	7.1 F
hexane	20,440	2,044	U	U	U	0.53 F	0.43 F	8.5 F
isopropyl alcohol	NA	NA	U	68	31	41	40	44
m,p-xylene (sum of isomers)	2,920	292	2.1	2.4	3.4	1.9 F	2.4	3.2
methyl butyl ketone	NA	NA	U	U	U	U	1.0 F	U
methyl ethyl ketone	146,000	14,600	1.7	U	3.9	1.2 F	4.3 B	3.6
methyl isobutyl ketone	87,600	8,760	U	U	U	0.44 F	1.9 F	0.39 F
methylene chloride	1,740	1,740	U	0.53	U	0.55 F	0.92 F	0.98 F
naphthalene	NA	NA	U	U	U	U	1.9 F	0.5 F
n-Butane	NA	NA	NA	NA	NA	3.2	3.3	2.7 ♦
o-xylene	2,920	292	1.1	0.93	0.97	0.79 F	0.82 F	1
styrene	29,200	2,920	0.78	1.0	0.65	0.44 F	1.8	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.3 F	1.7 F
tetrachloroethylene (pce)	139	102	1.4	U	7.4	U	U	U
tetrahydrofuran	NA	NA	1.6	4.3	U	U	1.1 F	3.3 F♦
toluene	146,000	14,600	3.2	4.5	6.9	1.4	1.7	3.6 F
trichloroethylene (tce)	409	41	360	3.8	3.7	3.0	1.4	0.33 F
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776VMP-3					
Sample ID			**776VMP0301AA**	**776VMP0301AB**	**776VMP0301AC**	**776VMP0301AD**	**776VMP0301AG**	**776VMP0301HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	18	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	11	2.1	0.50 F	0.61 F	0.52 F	U
1,2-dichloroethane	31	31	U	0.62	U	0.27 F	U	0.29 F
1,3,5-trimethylbenzene	175	18	2.7	0.70 F	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	U	U	5.7
4-ethyltoluene	NA	NA	5.2	0.65 F	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	0.29 F	0.40 F	U
acetone	NA	NA	20	30	58	34	50	37
benzene	105	88	2	0.39 F	1.0	0.40 F	0.32 F	0.99
carbon disulfide	20,440	2,044	0.95	0.95	0.63	6.0	0.44 F	U
carbon tetrachloride	55	55	0.38	0.83 F	0.70 F	0.51 F	0.60 F	0.53 F
chlorobenzene	NA	NA	U	U	U	U	0.22 F	U
chloroform	36	36	16	U	0.74	0.68 F	0.87 F	1.2
chloromethane	818	263	U	0.97	U	U	1.3	U
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	U
cyclohexane	175,200	17,520	5.4	3.5	4.8	1.2	2.8	5
ethyl acetate	93,440	9,344	U	U	U	U	U	U
ethylbenzene	743	743	1.1	0.66	1.2	0.64 F	0.72 F	0.98
freon 11 (trichlorofluoromethane)	20,440	2,044	4.6	1.7	1.5	1.4	1.4	1.5
freon 113 (freon TF)	876,000	87,600	1.6	0.93 F	U	0.60 F	0.61 F	0.63 F
freon 12 (dichlorodifluoromethane)	5,840	584	21	2.9	2.6	2.9	2.5	2.7
freon 22	NA	NA	NA	NA	NA	6.3	15	50 F
heptane	NA	NA	U	U	U	0.36 F	0.45 F	5.4
hexane	20,440	2,044	U	U	U	0.72	0.91	7.2
isopropyl alcohol	NA	NA	U	12	21	28	28	34
m,p-xylene (sum of isomers)	2,920	292	3.8	1.7	2.7	1.7 F	1.7 F	2.6
methyl butyl ketone	NA	NA	U	U	U	U	0.78 F	U
methyl ethyl ketone	146,000	14,600	2.8	2.0	2.2	2.6	7.0 B	4.6
methyl isobutyl ketone	87,600	8,760	U	U	U	0.83 F	3.1	U
methylene chloride	1,740	1,740	U	0.95	U	0.50 F	0.99 F	0.79 F
naphthalene	NA	NA	U	U	U	0.51 F	1.6 F	U
n-Butane	NA	NA	NA	NA	NA	1.7	16	1.8
o-xylene	2,920	292	1.6	0.66	0.71	0.70 F	0.58 F	U
styrene	29,200	2,920	0.78	0.69	0.56 F	0.26 F	0.79 F	0.14 F
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.4 F	1 F
tetrachloroethylene (pce)	139	102	0.83 F	U	U	U	U	U
tetrahydrofuran	NA	NA	11	1.8	U	0.81 F	2.5 F	U
toluene	146,000	14,600	4.4	3.1	2.5	1.2	1.8	3.8
trichloroethylene (tce)	409	41	830	10	7.3	13	12	2.4
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	776-IA					
Sample ID			**776IA1CA**	**776IA1DA**	**776IA1EA**	**776IA1FA**	**776IA1GA**	**776IA1HA**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	U	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	1.2	1.7	0.85	U	0.55 F	U
1,2-dichloroethane	31	31	U	0.53 F	U	U	U	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	0.30 F	U	U
4-ethyltoluene	NA	NA	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	U	U	U	0.33 F	U
acetone	NA	NA	54	47	30	18	68	28
benzene	105	88	0.49	0.36 F	1.4	0.67 F	0.40 F	1.4
carbon disulfide	20,440	2,044	0.41 F	0.82	U	U	0.64 F	U
carbon tetrachloride	55	55	0.51	0.77 F	U	0.57 F	0.46 F	0.44 F
chlorobenzene	NA	NA	U	U	U	U	U	U
chloroform	36	36	U	U	0.55 F	0.32 F	0.25 F	U
chloromethane	818	263	1.8	1.5	U	1.4 F	1.5	1.8
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	U
cyclohexane	175,200	17,520	U	U	U	U	1.2	0.23 F
ethyl acetate	93,440	9,344	5.8	3.3	U	U	U	U
ethylbenzene	743	743	0.71	0.93	1.3	0.47 F	1.1	0.29 F
freon 11 (trichlorofluoromethane)	20,440	2,044	1.4	1.7	1.3	1.4 F	1.4	1.4
freon 113 (freon TF)	876,000	87,600	U	0.93 F	U	U	0.57 F	0.63 F
freon 12 (dichlorodifluoromethane)	5,840	584	3.6	3.1	2.2	3.2 F	2.4 F	2.2 F
freon 22	NA	NA	NA	NA	NA	15	14	69
heptane	NA	NA	3.2	1.3	U	0.43 F	1.5	0.14 F
hexane	20,440	2,044	2.3	U	U	U	2.0	0.54 F
isopropyl alcohol	NA	NA	50	50	35	100	57	43
m,p-xylene (sum of isomers)	2,920	292	1.2 F	2.1	2.9	1.0 F	2.5	0.23 F
methyl butyl ketone	NA	NA	U	U	U	U	1.2 F	U
methyl ethyl ketone	146,000	14,600	3.3	4.1	U	0.84 F	6.5 B	2.1
methyl isobutyl ketone	87,600	8,760	U	U	U	0.83 F	2.7	1.1 F
methylene chloride	1,740	1,740	U	1.3	U	U	1.7 F	1.2 F
naphthalene	NA	NA	U	U	U	0.71 F	2.2 F	U
n-Butane	NA	NA	NA	NA	NA	2.4	8.9	2.2
o-xylene	2,920	292	0.44 F	0.75	0.88	0.46 F	0.81 F	U
styrene	29,200	2,920	1.1	1.0	0.82	0.33 F	1.9	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	0.56 F	5.4 F	U
tetrachloroethylene (pce)	139	102	U	U	U	U	U	0.38 F
tetrahydrofuran	NA	NA	U	U	U	U	0.90 F	U
toluene	146,000	14,600	4.4	3.2	3.9	1.3	5.3	4.3
trichloroethylene (tce)	409	41	3.6	1.9	0.98	0.41 F	U	U
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	774/776-OA					
Sample ID			**776OA1DA**	**776OA1EA**	**774776OA1FA**	**774776OA1GA**	**774776OA1HA**	**774776OA1IA**
Sample Type			**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**6-Aug-2012**	**21-Feb-2013**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	U	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	U	1.7	0.60 F	U	1.8	U
1,2-dichloroethane	31	31	U	U	U	U	0.49 F	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	0.51 F	U
2,2,4-trimethylpentane	NA	NA	U	U	U	U	0.94 F	U
4-ethyltoluene	NA	NA	U	U	U	U	0.53 F	U
4-isopropyltoluene	NA	NA	U	U	U	U	0.8 F	U
acetone	NA	NA	18	53	6.8	1.9 F	97	15
benzene	105	88	U	0.39 F	U	0.63	0.92 F	0.61 F
carbon disulfide	20,440	2,044	0.6	0.35 F	U	U	2.3 F	U
carbon tetrachloride	55	55	0.51	0.90 F	U	0.51 F	0.5 F	0.47 F
chlorobenzene	NA	NA	U	U	U	U	U	U
chloroform	36	36	U	U	U	U	U	U
chloromethane	818	263	U	1.1	0.76	1.2	1.4 F	1.5
cis-1,2-dichloroethene	1,022	102	U	0.48 F	U	U	U	U
cyclohexane	175,200	17,520	U	U	U	U	5.1	U
ethyl acetate	93,440	9,344	U	U	U	U	U	U
ethylbenzene	743	743	U	U	1.1	U	2.1	U
freon 11 (trichlorofluoromethane)	20,440	2,044	1.3	1.7	1.3	1.4	1.4 F	1.4
freon 113 (freon TF)	876,000	87,600	U	0.86 F	U	0.56 F	0.61 F	0.64 F
freon 12 (dichlorodifluoromethane)	5,840	584	U	2.9	2.5	2.8	3.4 F	2.7
freon 22	NA	NA	NA	NA	NA	U	2.1 F	1.1 F
heptane	NA	NA	1.2	U	U	U	3.6	U
hexane	20,440	2,044	0.9	U	U	0.42 F	8.2	0.48 F
isopropyl alcohol	NA	NA	U	U	1.2	U	14 F	U
m,p-xylene (sum of isomers)	2,920	292	U	1.1 F	2.7	0.33 F	6.2	U
methyl butyl ketone	NA	NA	U	U	U	U	0.56 F	1.5
methyl ethyl ketone	146,000	14,600	U	8.7 F	U	0.42 F	6.7 B	U
methyl isobutyl ketone	87,600	8,760	U	U	U	U	U	U
methylene chloride	1,740	1,740	U	0.92	0.56	0.50 F	2.0 F	0.98 F
naphthalene	NA	NA	U	U	U	U	3.1 F	U
n-Butane	NA	NA	NA	NA	NA	1.8	24	1.4
o-xylene	2,920	292	U	0.44 F	0.97	0.12 F	2.2	U
styrene	29,200	2,920	U	U	U	U	1.2 F	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.2 F	U
tetrachloroethylene (pce)	139	102	U	U	U	U	U	U
tetrahydrofuran	NA	NA	U	1.3	U	U	8.2 F	U
toluene	146,000	14,600	1	5.8	3.5	0.73 F	20	0.39 F
trichloroethylene (tce)	409	41	0.98	2.6	0.60 F	U	U	U
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 785 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	785VMP-2					
Sample ID			**785VMP0202AD**	**785VMP0202AE**	**785VMP0202AF**	**785VMP0202AG**	**785VMP0202AH**	**785VMP0202IA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**18-Mar-2011**	**24-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	U	U	U	0.57 F	U	U
1,2,4-trimethylbenzene	175	18	1.5	1.4	U	U	3.7	1.6
1,2-dichloroethane	31	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	1.0	0.46 F
1,3-butadiene	NA	NA	U	U	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	3.0	37
2,2,4-trimethylpentane	NA	NA	U	U	1.2	U	1.5	5.8
4-ethyltoluene	NA	NA	0.65 F	U	U	U	1.2	0.65 F
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.33 F	U
acetone	NA	NA	10	17	3.2	0.76 F	12 FB	4.5 F
benzene	105	88	2.9	0.65	2.2	U	U	U
bromodichloromethane	NA	NA	U	U	U	U	U	U
carbon disulfide	20,440	2,044	0.82	0.63	U	U	0.86 F	U
carbon tetrachloride	55	55	U	U	0.70 F	0.49 F	0.46 F	0.44 F
chlorobenzene	NA	NA	U	U	U	U	U	U
chloroform	36	36	1.5	U	U	U	U	U
chloromethane	818	263	1.4	1.1	U	3.5	37	0.21 F
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	U
cumene	NA	NA	NA	NA	NA	U	U	U
cyclohexane	175,200	17,520	1.3	0.94	1.9	U	U	6.8
ethylbenzene	743	743	1.5	U	0.75	U	1.2	1.8
freon 11 (trichlorofluoromethane)	20,440	2,044	1	1.8	1.5	1.4	1.3	1.3
freon 113 (freon TF)	876,000	87,600	U	0.78 F	U	0.58 F	0.59 F	0.61 F
freon 12 (dichlorodifluoromethane)	5,840	584	2.8	3.1	2.6	2.9	2.4 F	2.3 F
freon 22	NA	NA	NA	NA	NA	U	U	0.81 F
heptane	NA	NA	2.1	U	1.8	U	3.8	3.4
hexane	20,440	2,044	6.9	U	6.1	U	1.3	9.8
isopropyl alcohol	NA	NA	U	U	U	U	13	470
m,p-xylene (sum of isomers)	2,920	292	4.7	0.93 F	2.3	0.21 F	4.5	6.8
methyl butyl ketone	NA	NA	U	U	U	U	0.47 F	U
methyl ethyl ketone	146,000	14,600	3	4.1	U	U	3.3 B	6.3
methyl isobutyl ketone	87,600	8,760	U	U	U	U	1.0 F	U
methylene chloride	1,740	1,740	1.4	U	U	U	2.4	U
naphthalene	NA	NA	U	U	U	U	2.2 F	U
n-Butane	NA	NA	NA	NA	NA	0.64 F	6.3	0.52 F
n-Propylbenzene	NA	NA	NA	NA	NA	U	0.68 F	U
o-xylene	2,920	292	1.3	U	0.71	U	1.6	2.4
styrene	29,200	2,920	U	U	U	U	0.46 F	0.37 F
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.8 F	U
tetrachloroethylene (pce)	139	102	U	U	U	U	0.73 F	0.58 F
tetrahydrofuran	NA	NA	8.2	11	U	4.6 F	87	U
toluene	146,000	14,600	15	3.3	6.2	0.36 FB	3.8	7.5
trichloroethylene (tce)	409	41	U	19	8.9	1.0 F	9.1	0.68 F
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the screening level.
B - Analytes detected in the trip blank.

Table 3-2
Building 785 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	785VMP-4					
Sample ID			**785VMP0401AA**	**785VMP0401AB**	**785VMP0401AC**	**785VMP0401AD**	**785VMP0401AG**	**785VMP0401HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**18-Mar-2011**	**24-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	1.7	0.72 F	U	U	0.40 F	U
1,2,4-trimethylbenzene	175	18	0.95	6.7	1.8	0.45 F	15	1.4
1,2-dichloroethane	31	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	U	2.1	0.50 F	U	3.9	0.49 F
1,3-butadiene	NA	NA	U	U	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	U	30
2,2,4-trimethylpentane	NA	NA	U	1.5	3.9	0.58 F	U	5.5
4-ethyltoluene	NA	NA	U	2.7	0.85	U	3.6	0.49 F
4-isopropyltoluene	NA	NA	NA	NA	NA	U	1.6	U
acetone	NA	NA	15	16	U	4.9 F	44	8.1 F
benzene	105	88	4.9	4.2	8.4	0.64	0.57 F	0.61 F
bromodichloromethane	NA	NA	2.6	U	U	U	U	U
carbon disulfide	20,440	2,044	4.8	13	9.2	1.1 F	12	0.48 F
carbon tetrachloride	55	55	U	U	U	0.51 F	0.47 F	0.43 F
chlorobenzene	NA	NA	U	0.66 F	U	U	U	U
chloroform	36	36	91	0.79	U	U	0.47 F	U
chloromethane	818	263	U	U	U	U	0.30 F	0.15 F
cis-1,2-dichloroethene	1,022	102	2.3	U	U	U	U	U
cumene	NA	NA	NA	NA	NA	U	U	U
cyclohexane	175,200	17,520	6.2	9.4	8.0	0.34 FB	2.1	6.8
ethylbenzene	743	743	1.1	6.1	4.9	0.58 F	3.9	3.1
freon 11 (trichlorofluoromethane)	20,440	2,044	0.86	1.7	1.3	1.4	1.4	1.3
freon 113 (freon TF)	876,000	87,600	1.1 F	0.86 F	U	0.58 F	0.69 F	0.64 F
freon 12 (dichlorodifluoromethane)	5,840	584	2.9	2.8	2.5	2.9	2.6	2.6
freon 22	NA	NA	NA	NA	NA	U	U	0.77 F
heptane	NA	NA	3.6	5.3	8.2	0.45 FB	1.1	3.6
hexane	20,440	2,044	8.2	7.9	13	0.91 B	1.4	9.3
isopropyl alcohol	NA	NA	U	U	0.62	2.3 F	15	190
m,p-xylene (sum of isomers)	2,920	292	2.7	14	14	1.1 F	3.4	8.7
methyl butyl ketone	NA	NA	U	U	U	U	0.94 F	U
methyl ethyl ketone	146,000	14,600	2.3	2.7	U	0.82 F	10 B	4.4
methyl isobutyl ketone	87,600	8,760	U	U	U	U	1.3 F	U
methylene chloride	1,740	1,740	0.95	U	U	0.43 F	0.82 F	0.52 F
naphthalene	NA	NA	U	U	U	U	0.68 F	U
n-Butane	NA	NA	NA	NA	NA	4.6	3.8	0.44 F
n-Propylbenzene	NA	NA	NA	NA	NA	U	1.5	U
o-xylene	2,920	292	0.84	5.1	2.8	0.46 F	1.7	3.4
styrene	29,200	2,920	U	U	U	U	0.30 F	0.35 F
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.8 F	U
tetrachloroethylene (pce)	139	102	U	U	1.0	U	1.2 F	0.62 F
tetrahydrofuran	NA	NA	U	U	U	U	3.4 F	U
toluene	146,000	14,600	26	23	42	2.2 B	5.9	8.1
trichloroethylene (tce)	409	41	720	88	33	3.5	39	3
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the screening level.
B - Analytes detected in the trip blank.

Table 3-2
Building 785 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	785VMP-5				
Sample ID			**785VMP0501AA**	**785VMP0501AB**	**785VMP0501AC**	**785VMP0501AD**	**785VMP0501FA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**25-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$							
1,1,1-trichloroethane	146,000	14,600	4.8	1.8	0.53 F	0.74 F	U
1,2,4-trimethylbenzene	175	18	2.2	1.4	U	0.69 F	0.71 F
1,2-dichloroethane	31	31	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	0.85	U	U	U	0.31 F
1,3-butadiene	NA	NA	U	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	17
2,2,4-trimethylpentane	NA	NA	U	1.4	1.3	0.92	6.5
4-ethyltoluene	NA	NA	0.50 F	U	U	U	0.34 F
4-isopropyltoluene	NA	NA	NA	NA	U	0.64 F	U
acetone	NA	NA	21	4.3	2.3 F	20 B	6.8 F
benzene	105	88	0.39 F	2.6	0.64	0.50 F	0.69
bromodichloromethane	NA	NA	U	U	U	U	U
carbon disulfide	20,440	2,044	0.38 F	U	U	2.7	U
carbon tetrachloride	55	55	U	U	0.48 F	0.45 F	0.48 F
chlorobenzene	NA	NA	U	U	U	U	U
chloroform	36	36	2.8	0.74	U	U	U
chloromethane	818	263	U	U	U	0.97 F	0.85 F
cis-1,2-dichloroethene	1,022	102	2.1	U	U	U	U
cumene	NA	NA	NA	NA	0.41 F	U	U
cyclohexane	175,200	17,520	U	2.9	1.1 B	0.76	6.7
ethylbenzene	743	743	2.3	1.6	1.8	3.8	2.1
freon 11 (trichlorofluoromethane)	20,440	2,044	2.2	2.3	1.4	1.5	1.4
freon 113 (freon TF)	876,000	87,600	0.86 F	U	U	0.58 F	0.62 F
freon 12 (dichlorodifluoromethane)	5,840	584	2.9	2.5	2.8	2.4 F	2.6
freon 22	NA	NA	NA	NA	U	U	0.95 F
heptane	NA	NA	U	1.9	0.70 FB	1.4	3.4
hexane	20,440	2,044	U	U	3.5 B	1.3	9.9
isopropyl alcohol	NA	NA	8.2	U	U	2.1 F	290
m,p-xylene (sum of isomers)	2,920	292	8.2	5.8	3.6	14	7.5
methyl butyl ketone	NA	NA	U	U	U	0.86 F	U
methyl ethyl ketone	146,000	14,600	2	U	0.37 F	4.3 B	3.9
methyl isobutyl ketone	87,600	8,760	U	U	U	0.49 F	U
methylene chloride	1,740	1,740	3.7	U	U	0.59 F	0.6 F
naphthalene	NA	NA	U	U	U	0.46 F	U
n-Butane	NA	NA	NA	NA	4.8	4.4	1.5
n-Propylbenzene	NA	NA	NA	NA	U	U	U
o-xylene	2,920	292	3	1.5	1.7	4.7	2.4
styrene	29,200	2,920	U	U	U	0.64 F	U
tert-Butyl alcohol	NA	NA	NA	NA	U	0.96 F	U
tetrachloroethylene (pce)	139	102	2.2	U	U	U	U
tetrahydrofuran	NA	NA	U	U	0.21 F	0.41 F	U
toluene	146,000	14,600	2.1	7.4	1.6 B	3.7	4.9
trichloroethylene (tce)	409	41	610	140	18	20	1.1
vinyl chloride	186	186	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the screening level.
B - Analytes detected in the trip blank.

Table 3-2
Building 785 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	785-IA				
Sample ID			**785IA05**	**785IA06**	**785IA07**	**785IA08**	**785IA09**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date			**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$							
1,1,1-trichloroethane	146,000	14,600	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	1.7	1.4	U	0.37 F	U
1,2-dichloroethane	31	31	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	U
1,3-butadiene	NA	NA	U	U	U	U	0.32 F
1,3-dichlorobenzene	3,212	321	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	0.52 F	0.29 F	U	U
4-ethyltoluene	NA	NA	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	U	U	U
acetone	NA	NA	35	11	2.6 F	16 B	9.3 F
benzene	105	88	U	1.3	0.58 F	0.36 F	U
bromodichloromethane	NA	NA	U	U	U	U	U
carbon disulfide	20,440	2,044	U	U	U	U	U
carbon tetrachloride	55	55	U	U	0.53 F	0.44 F	U
chlorobenzene	NA	NA	U	U	U	U	U
chloroform	36	36	U	4.7	U	U	U
chloromethane	818	263	U	U	1.2	1.1	1.2
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U
cumene	NA	NA	NA	NA	U	U	U
cyclohexane	175,200	17,520	U	U	0.34 FB	0.15 F	0.74
ethylbenzene	743	743	U	0.75	0.13 F	0.22 F	U
freon 11 (trichlorofluoromethane)	20,440	2,044	1.7	1.3	1.4	1.3	1.4
freon 113 (freon TF)	876,000	87,600	U	U	0.54 F	0.58 F	0.65 F
freon 12 (dichlorodifluoromethane)	5,840	584	2.8	2.3	2.8	2.3 F	2.6
freon 22	NA	NA	NA	NA	U	U	1 F
heptane	NA	NA	U	0.71	0.37 FB	0.70 F	U
hexane	20,440	2,044	U	2.3	2.0 B	0.75	U
isopropyl alcohol	NA	NA	24	U	U	0.84 F	U
m,p-xylene (sum of isomers)	2,920	292	1.0 F	2.4	0.29 F	0.65 F	U
methyl butyl ketone	NA	NA	U	U	U	U	U
methyl ethyl ketone	146,000	14,600	3.2	U	0.30 F	2.3 B	1.1 F
methyl isobutyl ketone	87,600	8,760	U	U	U	0.38 F	U
methylene chloride	1,740	1,740	0.85	U	U	0.51 F	U
naphthalene	NA	NA	U	U	U	U	U
n-Butane	NA	NA	NA	NA	2.0	2.5	1.3
n-Propylbenzene	NA	NA	NA	NA	U	U	U
o-xylene	2,920	292	U	0.75	0.11 F	0.22 F	U
styrene	29,200	2,920	U	U	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	U	U	U
tetrachloroethylene (pce)	139	102	U	21	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	U
toluene	146,000	14,600	4.2	4.0	1.4 B	1.3	U
trichloroethylene (tce)	409	41	1.1	U	U	U	U
vinyl chloride	186	186	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the screening level.
B - Analytes detected in the trip blank.

Table 3-2
Building 785 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	785/786-OA				
Sample ID			**785OA01**	**785786OA02**	**785786OA03**	**785786OA04**	**785786OA05**
Sample Type			**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date			**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$							
1,1,1-trichloroethane	146,000	14,600	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	1.3	2.6	U	0.73 F	U
1,2-dichloroethane	31	31	U	U	U	2.6	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	U
1,3-butadiene	NA	NA	U	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	0.76	0.34 F	0.56 F	U
4-ethyltoluene	NA	NA	U	0.65 F	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	U	U	U
acetone	NA	NA	39	12	19	150	4 F
benzene	105	88	0.39 F	1.8	0.56 F	0.80 F	0.78
bromodichloromethane	NA	NA	U	U	U	U	U
carbon disulfide	20,440	2,044	U	U	U	0.78 F	U
carbon tetrachloride	55	55	U	U	0.52 F	U	0.54 F
chlorobenzene	NA	NA	U	U	U	U	U
chloroform	36	36	U	U	U	U	U
chloromethane	818	263	U	U	1.2	1.2 F	1.4
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U
cumene	NA	NA	NA	NA	U	U	U
cyclohexane	175,200	17,520	0.77	U	0.63 FB	1.5	U
ethylbenzene	743	743	U	1.3	U	1.4 F	U
freon 11 (trichlorofluoromethane)	20,440	2,044	1.7	1.4	1.4	1.4 F	1.4
freon 113 (freon TF)	876,000	87,600	U	U	0.59 F	0.70 F	U
freon 12 (dichlorodifluoromethane)	5,840	584	2.9	2.2	2.8	3.2 F	2.7
freon 22	NA	NA	NA	NA	U	U	0.92 F
heptane	NA	NA	U	1.2	0.55 FB	2.7	U
hexane	20,440	2,044	U	3.8	2.2 B	4.4	U
isopropyl alcohol	NA	NA	15	2.2	1.3 F	11 F	U
m,p-xylene (sum of isomers)	2,920	292	0.75 F	4.3	0.30 F	3.8 F	U
methyl butyl ketone	NA	NA	U	U	U	1.1 F	U
methyl ethyl ketone	146,000	14,600	3.4	U	0.92 F	8.6 B	U
methyl isobutyl ketone	87,600	8,760	U	U	U	U	U
methylene chloride	1,740	1,740	1.1	1.3	0.53 F	2.4 F	U
naphthalene	NA	NA	U	U	U	1.1 F	U
n-Butane	NA	NA	NA	NA	1.9	30	1.4
n-Propylbenzene	NA	NA	NA	NA	U	U	U
o-xylene	2,920	292	U	1.3	U	1.3 F	U
styrene	29,200	2,920	U	U	U	0.74 F	U
tert-Butyl alcohol	NA	NA	NA	NA	U	1.8 F	U
tetrachloroethylene (pce)	139	102	U	U	U	1.7 F	U
tetrahydrofuran	NA	NA	U	U	U	5.9 F	U
toluene	146,000	14,600	2.3	7.2	0.57 FB	17	0.55 F
trichloroethylene (tce)	409	41	0.82	0.82	U	U	U
vinyl chloride	186	186	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the screening level.
B - Analytes detected in the trip blank.

Table 3-2
Building 786 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	786VMP-1					
Sample ID			**786VMP0102AA**	**786VMP0102AB**	**786VMP0102AC**	**786VMP0102AD**	**786VMP0102AG**	**786VMP0102HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	12	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	7.5	6.9	1.2	U	0.38 F	1.0
1,2-dichloroethane	31	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	5.2	1.9	U	U	U	0.33 F
1,3-dichlorobenzene	3,212	321	U	U	U	U	U	17 F
2,2,4-trimethylpentane	NA	NA	19	0.95	3.8	1.9	U	7 F
4-ethyltoluene	NA	NA	3.2	2.7	0.65 F	U	U	0.29 F
acetone	NA	NA	31	20	U	3.3 F	7.8 FB	12 F
benzene	105	88	19	3.1	9.1	U	U	U
bromodichloromethane	NA	NA	4.0	U	U	U	U	U
carbon disulfide	20,440	2,044	15	0.63	U	U	0.65 F	U
carbon tetrachloride	55	55	U	U	0.70 F	0.43 F	0.52 F	0.41 F♦
chloroform	36	36	30	0.84	U	U	0.43 F	U
chloromethane	818	263	U	U	U	U	0.24 F	0.2 F
cis-1,2-dichloroethene	1,022	102	9.7	U	U	U	U	U
cyclohexane	175,200	17,520	U	2.5	5.7	2.8	U	8.7 F
ethyl acetate	93,440	9,344	U	U	U	U	U	U
ethylbenzene	743	743	6.6	4.6	3.1	U	0.34 F	0.89
freon 11 (trichlorofluoromethane)	20,440	2,044	3.0	1.8	2.6	1.3	1.3	1.3
freon 113 (freon TF)	876,000	87,600	U	0.86 F	0.78 F	0.64 F	0.62 F	0.64 F
freon 12 (dichlorodifluoromethane)	5,840	584	3.8	2.9	U	2.7	2.4 F	2.6 ♦
freon 22	NA	NA	NA	NA	NA	U	0.86 F	0.89 F♦
heptane	NA	NA	25	3.4	8.1	4.1	U	3.9 F
hexane	20,440	2,044	52	4.9	16	10	U	13 F
isopropyl alcohol	NA	NA	U	14	U	1.1 F	0.87 F	98 F
m,p-xylene (sum of isomers)	2,920	292	17	19	11	0.32 F	1.0 F	3.4
methyl butyl ketone	NA	NA	U	U	U	U	U	U
methyl ethyl ketone	146,000	14,600	U	2.3	U	0.55 F	1.3 FB	4.1 F
methyl isobutyl ketone	87,600	8,760	U	U	U	3.5	U	U
methylene chloride	1,740	1,740	3.8	U	U	U	0.44 F	0.55 F
naphthalene	NA	NA	U	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	U	0.43 F	1.2 F♦
o-xylene	2,920	292	7.5	4.9	2.0	0.11 F	0.39 F	1.3
styrene	29,200	2,920	U	U	U	U	0.20 F	0.2 F
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	U
tetrachloroethylene (pce)	139	102	140	3.7	2.0	2.4	1.5	0.5 F
tetrahydrofuran	NA	NA	U	U	U	U	0.43 F	U
toluene	146,000	14,600	35	15	29	0.61 F	1.5	3.7 F
trichloroethylene (tce)	409	41	4,900	84	49	13	24	9.1 F♦
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 786 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	786VMP-2					
Sample ID			**786VMP0202AA**	**786VMP0202AB**	**786VMP0202AC**	**786VMP0202AE**	**786VMP0202AG**	**786VMP0202HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**7-Feb-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	15	4.2	3.7	0.78 F	2.1	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	4.5	7.5	1.6	0.62 F	1.2	1.4
1,2-dichloroethane	31	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	1.7	3.1	0.55 F	0.26 F	0.33 F	0.44 F
1,3-dichlorobenzene	3,212	321	U	U	U	U	U	28
2,2,4-trimethylpentane	NA	NA	1.8	U	1.3	U	U	6.8
4-ethyltoluene	NA	NA	0.95	2	0.55 F	0.29 F	0.36 F	0.37 F
acetone	NA	NA	49	25	U	1.9 F	26 B	25
benzene	105	88	4.6	0.32 F	2.2	U	0.19 F	0.66
bromodichloromethane	NA	NA	7.4	3.2	1.7	0.32 F	1.3 F	U
carbon disulfide	20,440	2,044	5.3	1.4	0.41 F	U	0.64 F	U
carbon tetrachloride	55	55	U	U	U	0.44 F	0.53 F	0.41 F
chloroform	36	36	620	100	72	12	31	2.4
chloromethane	818	263	U	U	U	U	0.27 F	U
cis-1,2-dichloroethene	1,022	102	1.4	U	U	U	U	U
cyclohexane	175,200	17,520	U	U	U	U	0.38 F	9.1
ethyl acetate	93,440	9,344	U	1.1	U	U	U	U
ethylbenzene	743	743	1.5	8.8	2.7	1.4	1.9	1.6
freon 11 (trichlorofluoromethane)	20,440	2,044	2.7	1.7	1.4	1.3	1.4	1.4
freon 113 (freon TF)	876,000	87,600	3.7	1.1 F	1.1 F	0.55 F	0.78 F	0.75 F
freon 12 (dichlorodifluoromethane)	5,840	584	3.5	2.8	2.3	2.5	2.4 F	2.7
freon 22	NA	NA	NA	NA	NA	U	1.2 F	0.98 F
heptane	NA	NA	5.8	U	1.7	U	0.38 F	3.7
hexane	20,440	2,044	U	U	U	0.22 F	0.76	15
isopropyl alcohol	NA	NA	U	U	U	1.4 F	1.5 F	170
m,p-xylene (sum of isomers)	2,920	292	4.8	32	9.9	4.6	7.2	6.3
methyl butyl ketone	NA	NA	9.2	8.7 F	U	U	0.84 F	U
methyl ethyl ketone	146,000	14,600	15	U	U	U	4.8 B	7
methyl isobutyl ketone	87,600	8,760	6.7	U	U	1.0 F	0.74 F	U
methylene chloride	1,740	1,740	1.4	23	2.5	15	2.8	0.83 F
naphthalene	NA	NA	U	U	U	U	0.53 F	U
n-Butane	NA	NA	NA	NA	NA	0.67 F	2.1	1.3
o-xylene	2,920	292	2.2	6.6	2.1	1.1	1.6	2.2
styrene	29,200	2,920	U	2.2	U	U	0.25 F	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	1.1 F	U
tetrachloroethylene (pce)	139	102	11	0.83 F	2.9	U	0.82 F	U
tetrahydrofuran	NA	NA	16	U	U	U	0.67 F	U
toluene	146,000	14,600	6.7	16	11	2.2 B	4.4	5.2
trichloroethylene (tce)	409	41	740	260	140	22	110	6.3
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 786 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level ($\mu g/m^3$)	Indoor Air Screening Level ($\mu g/m^3$)	786VMP-3					
Sample ID			**786VMP0302AA**	**786VMP0302AB**	**786VMP0302AC**	**786VMP0302AD**	**786VMP0302AG**	**786VMP0302HA**
Sample Type			**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date			**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**8-Aug-2012**	**6-Mar-2013**
Sample Depth (ft bgs / ags)			**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)			**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Volatiles (TO-15) in $\mu g/m^3$								
1,1,1-trichloroethane	146,000	14,600	16	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	0.62 F	U
1,2,4-trimethylbenzene	175	18	13	2.4	0.8	0.33 F	U	U
1,2-dichloroethane	31	31	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	9.9	0.65 F	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	1.4	0.24 F	U	U
4-ethyltoluene	NA	NA	8.1	0.60 F	U	U	U	U
acetone	NA	NA	50	24	4.3	1.2 F	94	17
benzene	105	88	4.7	0.32 F	4.2	0.25 F	1.0	0.7
bromodichloromethane	NA	NA	2.9	U	U	U	U	U
carbon disulfide	20,440	2,044	3.1	0.95	U	U	0.91 F	U
carbon tetrachloride	55	55	U	U	0.64 F	0.48 F	0.55 F	U
chloroform	36	36	47	U	U	U	0.33 F	U
chloromethane	818	263	U	U	U	U	U	0.2 F
cis-1,2-dichloroethene	1,022	102	1.1	U	U	U	U	U
cyclohexane	175,200	17,520	U	U	U	U	U	3.6
ethyl acetate	93,440	9,344	U	U	U	U	U	U
ethylbenzene	743	743	9.8	1.6	1.1	0.40 F	0.34 F	U
freon 11 (trichlorofluoromethane)	20,440	2,044	3.2	1.7	1.5	1.4	1.4 F	1.4
freon 113 (freon TF)	876,000	87,600	3.4	0.78 F	U	0.54 F	0.67 F	0.6 F
freon 12 (dichlorodifluoromethane)	5,840	584	U	2.8	2.6	2.7	2.7 F	2.6
freon 22	NA	NA	NA	NA	NA	0.97 F	1.0 F	0.98 F
heptane	NA	NA	4.7	1.2	1.9	0.40 F	0.83 F	U
hexane	20,440	2,044	U	U	6.8	1.5	U	2.9
isopropyl alcohol	NA	NA	U	11	U	U	2.8 F	34
m,p-xylene (sum of isomers)	2,920	292	16	5.3	3.4	1.4 F	0.75 F	U
methyl butyl ketone	NA	NA	7.6	U	U	U	7.6	U
methyl ethyl ketone	146,000	14,600	19	6.3 F	U	U	35	3.5
methyl isobutyl ketone	87,600	8,760	U	U	U	4.0	1.3 F	U
methylene chloride	1,740	1,740	U	U	U	0.50 F	U	U
naphthalene	NA	NA	U	U	U	U	0.87 F	U
n-Butane	NA	NA	NA	NA	NA	U	U	U
o-xylene	2,920	292	6.2 F	1.5	0.84	0.38 F	0.24 F	U
styrene	29,200	2,920	4.8	0.95	U	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	0.47 F	150	U
tetrachloroethylene (pce)	139	102	85	2.6	1.5	U	4.6	U
tetrahydrofuran	NA	NA	36	U	U	U	U	11 F
toluene	146,000	14,600	16	5.2	7.7	0.62 F	2.7	0.2 F
trichloroethylene (tce)	409	41	2,200	51	23	1.9	36	1.8
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
$\mu g/m^3$: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-2
Building 786 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	Sub-slab Vapor Screening Level (µg/m³)	Indoor Air Screening Level (µg/m³)	786-IA				
Sample ID			786IA04	786IA05	786IA06	786IA07	786IA08
Sample Type			Indoor	Indoor	Indoor	Indoor	Indoor
Sample Date			24-Aug-2011	24-Oct-2011	27-Jan-2012	8-Aug-2012	6-Mar-13
Sample Depth (ft bgs / ags)			5	5	5	5	5
Sample Collection Duration (hr)			12	12	12	12	12
Volatiles (TO-15) in µg/m³							
1,1,1-trichloroethane	146,000	14,600	U	U	U	U	U
1,2,4-trichlorobenzene	NA	NA	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	5.1	1.9	U	0.59 F	U
1,2-dichloroethane	31	31	U	U	U	0.44 F	U
1,3,5-trimethylbenzene	175	18	2.6	U	U	U	U
1,3-dichlorobenzene	3,212	321	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	0.81	U	0.41 F	0.80 F	2.4
4-ethyltoluene	NA	NA	1.2	0.60 F	U	U	U
acetone	NA	NA	49	12	3.3 F	46	21
benzene	105	88	0.91	1.3	0.75	0.47 F	0.77
bromodichloromethane	NA	NA	U	U	U	U	U
carbon disulfide	20,440	2,044	U	U	U	1.8	U
carbon tetrachloride	55	55	U	U	0.53 F	0.43 F	0.5 F
chloroform	36	36	U	U	U	0.19 F	U
chloromethane	818	263	U	U	1.2	1.3	U
cis-1,2-dichloroethene	1,022	102	0.64	U	U	U	U
cyclohexane	175,200	17,520	U	1.7	0.28 FB	0.35 F	U
ethyl acetate	93,440	9,344	U	U	U	U	U
ethylbenzene	743	743	3	1.8	0.67 F	1.3	U
freon 11 (trichlorofluoromethane)	20,440	2,044	1.7	1.1	1.4	1.4	1.6
freon 113 (freon TF)	876,000	87,600	0.78 F	U	0.56 F	0.61 F	0.68 F
freon 12 (dichlorodifluoromethane)	5,840	584	2.8	2.0	2.8	2.5	3
freon 22	NA	NA	NA	NA	U	1.3 F	1.1 F
heptane	NA	NA	1.7	0.96	0.48 FB	0.92	1.2
hexane	20,440	2,044	U	2.6	1.3 B	1.5	8.2
isopropyl alcohol	NA	NA	8.2	3.0	U	3.0 F	1.1 F
m,p-xylene (sum of isomers)	2,920	292	11	6.2	1.8 F	3.9	U
methyl butyl ketone	NA	NA	U	U	U	0.40 F	U
methyl ethyl ketone	146,000	14,600	5.9	U	0.76 F	4.5 B	3.8
methyl isobutyl ketone	87,600	8,760	U	U	2.6	0.71 F	U
methylene chloride	1,740	1,740	2.7	U	0.67 F	1.0 F	0.69 F
naphthalene	NA	NA	U	U	U	U	U
n-Butane	NA	NA	NA	NA	2.3	7.8	3.2
o-xylene	2,920	292	2.7	1.7	0.51 F	1.0	U
styrene	29,200	2,920	1.8	U	U	0.62 F	U
tert-Butyl alcohol	NA	NA	NA	NA	U	U	U
tetrachloroethylene (pce)	139	102	U	U	U	0.34 F	U
tetrahydrofuran	NA	NA	U	U	U	1.5 F	U
toluene	146,000	14,600	8.8	9.4	2.4 B	7.3	0.98
trichloroethylene (tce)	409	41	2.5	U	U	U	U
vinyl chloride	186	186	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
µg/m³: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.
♦-Denotes higher nominal value of duplicate sample result.

Table 3-3
Buildings 774 and 776
SSVM Performance Monitoring Influent Results

Sample Location	774776- Influent								774776-Effluent
Sample ID	774776CA01AA	774776CA01AB	774776CA01AC	774776CA01AD	774776CA01AE	774776CA01AF	774776CA01AG	774776CA01AH	774776CA02AF
Sample Type	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Effluent
Sample Date	6-Jun-2011	23-Aug-2011	14-Oct-2011	14-Oct-2011	25-Oct-2011	24-Jan-2012	3-Aug-2012	15-Feb-2013	15-Feb-2013
Sample Depth (ft bgs / ags)	na	na	na	na	na	na	na	na	na
Sample Collection Duration (hr)	quick grab	quick grab	quick grab	quick grab	quick grab	quick grab	quick grab	quick grab	quick grab
Volatiles (TO-15) in µg/m^3									
1,1,1-trichloroethane	6.6	4.0	6.9	6.1	6.5	5.0 F	2.9	0.91 F	U
1,2,4-trimethylbenzene	9.5	3.1	U	U	1.7	U	0.69 F	U	0.54 F
1,3,5-trimethylbenzene	4.7	2.2	U	U	0.55 F	U	U	U	U
1,3-dichlorobenzene	U	U	U	U	U	U	0.81 F	U	U
2,2,4-trimethylpentane	U	U	U	U	U	U	U	U	0.97
4-ethyltoluene	6.9	1.0	U	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	NA	NA	U	0.34 F	U	U
acetone	50	30	300	440	27	16 F	23 B	28	16
benzene	0.45 F	4.1	0.42 F	0.7	0.97	1.8 F	0.30 F	0.25 F	0.27 F
carbon disulfide	0.73	U	U	U	U	U	0.46 F	0.21 F	1 F
carbon tetrachloride	U	U	U	U	0.96	U	0.54 F	1.8	U
chloroform	15	4.3	3.6	5.0	4.6	3.6 F	4.9	2.2	0.54 F
chloromethane	U	U	U	U	U	U	0.71 F	1.5	1
cis-1,2-dichloroethene	1.80	U	U	U	U	U	U	U	U
cyclohexane	U	U	U	U	U	U	0.36 F	0.38 F	0.96
ethylbenzene	0.62 F	0.93	U	U	0.79	U	0.38 F	U	0.41 F
freon 11 (trichlorofluoromethane)	50	130	83	59	49	40	61	29	34
freon 113 (freon TF)	U	1.9	1.1 F	1.0 F	U	U	0.82 F	0.5 F	U
freon 12 (dichlorodifluoromethane)	3.7	16	6.1	6.1	6.4	11 F	7.1	4.7	3.9
freon 22	NA	NA	NA	NA	NA	320	94	33	28
heptane	0.83	12	U	U	0.87	1.9 F	0.37 F	U	1.6
hexane	U	U	U	U	U	U	0.66 F	0.27 F	2.7
isopropyl alcohol	U	U	U	U	U	U	7.9 F	2.1 F	5.7 F
m,p-xylene (sum of isomers)	1.3 F	3.3	U	U	2.4	U	0.99 F	U	1.4 F
methyl ethyl ketone	14	4.4	300	400	15	4.8 F	2.5 B	0.45 F	3.2
methyl isobutyl ketone	U	U	U	U	U	U	0.28 F	U	U
methylene chloride	2.2	U	U	U	U	U	0.64 F	1 F	0.67 F
naphthalene	U	U	U	U	U	U	1.9 F	U	U
n-Butane	NA	NA	NA	NA	NA	2.9 F	1.7	3.4	4.3
o-xylene	0.84	1.8	U	U	1.0	U	0.42 F	U	0.44 F
styrene	U	U	U	U	U	U	0.15 F	U	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	U	U	U	1.3 F
tetrachloroethylene (pce)	3.4	2.4	2.3	12	3.5	U	1.5	U	U
tetrahydrofuran	120	6.0	600	770	5.2	U	1.4 F	1.8 F	3.5 F
toluene	1.8	2.2	0.96	1.4	2.2	0.83 F	1.2	0.17 F	1.3
trichloroethylene (tce)	510	240	670	1,200	650	300	190	20	U
vinyl chloride	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits.
NA- Not Available
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.

Table 3-3
Buildings 785 and 786
SSVM Performance Monitoring Influent Results

Sample Location	**785786-Influent**						**785786-Effluent**
Sample ID	**785786CA0100AA**	**785786CA01AB**	**785786CA01AC**	**785786CA01AD**	**785786CA01AG**	**785786CA01AH**	**785786CA02AF**
Sample Type	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Effluent**
Sample Date	**19-May-2011**	**23-Aug-2011**	**25-Oct-2011**	**24-Jan-2012**	**3-Aug-2012**	**14-Feb-2013**	**14-Feb-2013**
Sample Depth (ft bgs)	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Sample Collection Duration (hr)	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**	**quick grab**
Volatiles (TO-15) in µg/m^3							
1,1,1-trichloroethane	4.8	1.4	1.6	0.32 F	U	U	U
1,2,4-trimethylbenzene	6.9	1.7	2.8	0.26 F	1.4 F	0.73 F	0.26 F
1,3,5-trimethylbenzene	6.3	1.5	U	U	0.65 F	U	U
1,3-butadiene	U	U	U	U	U	0.23 F	U
1,3-dichlorobenzene	U	U	U	U	0.49 F	U	U
2,2,4-trimethylpentane	300	31	33	7.9	9.5	10	3.3
4-ethyltoluene	U	0.75	U	U	0.36 F	U	U
acetone	180	5.1	U	1.2 F	56	110	15
benzene	1.9	0.81	U	U	0.51 F	0.72 F	0.31 F
carbon disulfide	6.9	0.79	U	U	0.70 F	U	U
carbon tetrachloride	U	U	U	0.48 F	0.44 F	0.45 F	U
chloroform	59	8.1	7.8	1.6	2.8	U	U
chloromethane	U	U	U	U	0.45 F	0.59 F	0.42 F
cis-1,2-dichloroethene	17	4.5	3.0	0.56 F	1.6	U	U
cyclohexane	180	28	U	U	4.4	7.6	3.6
ethylbenzene	5.9	2.9	1.7	0.30 F	1.1 F	U	0.32 F
freon 11 (trichlorofluoromethane)	1.4	1.8	1.5	1.4	1.4 F	1.5 F	0.98 F
freon 113 (freon TF)	0.78 F	0.78 F	U	0.52 F	0.62 F	0.73 F	U
freon 12 (dichlorodifluoromethane)	2.4	2.7	U	2.5	2.3 F	3.3 F	2.2 F
freon 22	NA	NA	NA	U	U	1.3 F	0.99 F
heptane	130	30	26	3.1	2.5	10	4.7
hexane	150	13	U	1.5	5.4	22	9.7
isopropyl alcohol	U	U	U	U	9.6 F	6.8 F	6.8 F
m,p-xylene (sum of isomers)	16	6.3	6.0	0.98 F	3.3	1 F	1.1 F
methyl ethyl ketone	20	U	U	0.27 F	5.3 B	2.3 F	1.8
methylene chloride	1.4	U	U	0.54 F	2.0 F	U	0.46 F
naphthalene	U	U	U	U	2.3 F	U	U
n-butane	NA	NA	NA	2.8	13	2.8	1.1 F
o-xylene	6.5	3.4	1.9	0.30 F	1.3 F	0.4 F	0.45 F
styrene	U	U	U	U	0.48 F	U	U
tert-butyl alcohol	NA	NA	NA	U	1.0 F	U	U
tetrachloroethylene (pce)	250	52	72	11	22	6.6	1.3 F
tetrahydrofuran	510	U	U	U	2.6 F	U	4.4 F
toluene	5.6	3.4	3.8	0.44 F	9.5	0.97 F	0.56 F
trichloroethylene (tce)	3500	520	740	140	250	93	4.4
vinyl chloride	U	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
NA- Not Available
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.
B - Analytes detected in the trip blank.

Appendix A

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1-4-13
conducted by:	MG

Site ID:	B774-B776 SVE		Patm (inch hg):	29.88
Vacuum Gauge:	~~Vacuum~~ ΔP (inch w.g.)	Magnehelic Gauge:	~~Differential Pressure~~ vac (inch w.g.)	Temperature (Deg F)
774-1	0.6	774-1	-32	50°F
774-2	0.1	774-2	-28	50°F
776-1	0.3	776-1	-38	50°F
Blower Temp (deg F)	102°F	After Cooler Temp (deg F)	62°F	

Flow Rate (acfm)
167.28
68.60
117.48

Well ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1-9-B				
conducted by:	MG				
Site ID:	B774-B776 SVI		Patm (inch hg):	30.54	
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
774-1	-34	774-1	0.6	55°F	169.41
774-2	-22	774-2	0.1	52°F	69.94
776-1	~~-14~~ -34	776-1	1.0	52°F	218.07
Blower Temp (deg F)	100°F	After Cooler Temp (deg F)	72°F		
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)	

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1-17-13			
conducted by:	MG			
Site ID:	B774/B776 SVI		Patm (inch hg):	30.12

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
774-1	-32	774-1	0.7	54°F	182.06
774-2	-26	774-2	0.1	50°F	69.02
776-1	-38	776-1	0.6	52°F	167.08
Blower Temp (deg F)	110°F	After Cooler Temp (deg F)	80°F		

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w g.)	Deep Vacuum (inch w g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1.25.13			
conducted by:	JP/DW	NOT Running		
Site ID:	See Below 774/776		Patm (inch hg):	30.34
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
774-1		774-1		
774-2		774-2		
776-1		776-1		
Blower Temp (deg F)		After Cooler Temp (deg F)		
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

* Motor Fault Indicator light is ON

1/26/13 - system troubleshoot - contactor switch in control panel failed. Connection reset, motor turned on. System began operation.

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1/31/13			
conducted by:	KM			
Site ID:	774/776		Patm (inch hg):	29.52

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
774-1	34	774-1	0.7	54	179.96
774-2	26	774-2	0.1	54	68.64
776-1	36	776-1	0.8	53	~~193.95~~ 191.77
Blower Temp (deg F)	114	After Cooler Temp (deg F)	86	& AFTER COOLER OFF. Ambient temp 32°F	

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

& ΔP @ 776-1 varies from 0.6 - 0.8 calculate high range.

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2/7/13			
conducted by:	KM			
Site ID:	B774		Patm (inch hg):	30.48

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
774-1	35	774-1	0.65	54	175.80
774-2	27	774-2	0.1	54	69.60
776-1	37	776-1	0.8	53	194.39
Blower Temp (deg F)	110	After Cooler Temp (deg F)	100		

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	02-14-15			
conducted by:	MG-JP			
Site ID:	774/776		Patm (inch hg):	29.95

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
774-1	-32	774-1	0.7	55°F	181.76
774-2	-26	774-2	0.2	55°F	97.83
776-1	-38	776-1	0.6	52°F	166.65
Blower Temp (deg F)	115°F	After Cooler Temp (deg F)	100°F		

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)	
774VMP-1	10:42	0.0			
774VMP-2	10:46	0.08			
774-VMP-3	10:50	0.0			
776VMP-1		0.085			
776VMP-2		0.03			closet
776VMP-3		~~0.085~~	0.01		

2/15/13

* OBSERVED water in Knockout

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3/4/13
conducted by:	MG

Site ID:	B774-B776 SVE		Patm (inch hg):	29.88 in Hg	
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
774-1	-32	774-1	0.6	50°F	167.28
774-2	-26	774-2	0.2	47°F	96.96
776-1	-36	776-1	0.8	50°F	192.28
Blower Temp (deg F)	94°F	After Cooler Temp (deg F)	85°F		

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3-22-13			
conducted by:	MG			
Site ID:	B774/B776 SVI		Patm (inch hg):	29.77 in-?
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
774-1	-32	774-1	0.7	50°F
774-2	-24	774-2	0.1	48°F
776-1	-38	776-1	0.5	50
Blower Temp (deg F)	97°F	After Cooler Temp (deg F)	80°F	

Flow Rate (acfm)
180.37
68.67
151.41

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	~~1/4/13~~ 1/4/13			
conducted by:	MG			
Site ID:	B785-B786 SVI		Patm (inch hg):	29.88
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-48	785-1	.6	42°F
786-1	-50	786-1	1	50°F
total		total	4	5~~3~~°F
Blower Temp (deg F)	130°F	After Cooler Temp (deg F)	100°F	

Flow Rate (acfm)

74.27

122.27

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	4-9-13			
conducted by:	MG			
Site ID:	B785-B786 SVE		Patm (inch hg):	30.54
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-48	785-1	.6	44F
786-1	-50	786-1	1	48°F
total		total	4	~~#30F~~
Blower Temp (deg F)	130°F	After Cooler Temp (deg F)	78°F	

Flow Rate (acfm)
95.28
123.22

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	6-17-13			
conducted by:	MG			
Site ID:	B785-B786 SVE		Patm (inch hg):	30.12
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Preasure (inch w.g.)	Temperature (Deg F)
785-1	-50	785-1	.6	42°F
786-1	-50	786-1	1	44°F
total	~~50°F 130°F~~ 3 in Hg	total	4	50°F
Blower Temp (deg F)	130°F	After Cooler Temp (deg F)	96°F	

Flow Rate (acfm)

94.30

122.00

219.75

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1.25.13			
conducted by:	JP/JW			
Site ID:	785/786		Patm (inch hg):	30.34

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow Rate (acfm)
785-1	48	785-1	0.6	40	94.62
786-1	49	786-1	1.0	44	122.51
total	2.5(Hg)	total	39	50	219.40
Blower Temp (deg F)	2128°	After Cooler Temp (deg F)	110°	(1.75 psi out)	

Well_ID. Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1/31/13				
conducted by:	KM				
Site ID:	785/786		Patm (inch hg):	29.52	Flow Rate (acfm)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	
785-1	48	785-1	0.5	38	85.16
786-1	49	786-1	1.0	42	120.78
total	3.6 inHg	total	3.8	53	210.98
Blower Temp (deg F)	130	After Cooler Temp (deg F)	96		

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2/7/13			
conducted by:	KM			
Site ID:	B785		Patm (inch hg):	30.48
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	49	785-1	0.6	37
786-1	50	786-1	1.1	41
total	2.25 in Hg	total	3.9	48
Blower Temp (deg F)	125	After Cooler Temp (deg F)	114	

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)

94.43

128.23

220.30

2.25 in hg = 30.61 in wg

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	02-14-13
conducted by:	MG+JP

Site ID:	B785-786 SVE		Patm (inch hg):	29.95	Flow Rate (acfm)
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	
785-1	-50	785-1	0.6	40°F	93.87
786-1	-50	786-1	1.0	40°F	121.19
total	~~total~~ ΔP=4 in w.g.	total	Vac = 3 in Hg	50°F	219.19
Blower Temp (deg F)	130°F	After Cooler Temp (deg F)	73°F		

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)
786vmp-1	11:50	1.2		
786vmp-2	11:59	0		
786vmp-3	11:55	1.2		
785vmp-2	14:15	0.40		
785vmp-4	14:20	2.7		
785vmp-5	14:24	0.04		

3 in hg = 40.8 in wg

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3-4-13			
conducted by:	MG			
Site ID:	B785-B786 SVI		Patm (inch hg):	29.88 in->
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-48	785-1	0.6	40°F
786-1	-50	786-1	1	40°F
total	3.5 in hg	total	4	50°F
Blower Temp (deg F)	130°F	After Cooler Temp (deg F)	115°F	

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

flow Rate (cfm)
93.48
121.06
217.32

3.5 in hg = 47.62 in wg

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3-22-13			
conducted by:	MG			
Site ID:	B785/B786 SVE		Patm (inch hg):	29.77 in->
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785-1	-48	785-1	0.6	38°F
786-1	-48	786-1	1	40°F
total	4 in Hg	total	4	50°F
Blower Temp (deg F)	130°F	After Cooler Temp (deg F)	100°F	

Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow Rate (acfm)

93.64

121.13

215.72

4 in hg = 54.42 in wg

Appendix B

Daily Chemical Quality Control Report

Project/Delivery Order Number: __1015-11-01_ ___ Date: _2/21/13___

Project Name/Site Number: ___Buildings 774 and 776 SSVM System O&M/SD-052-02

Weather conditions: Temperature: __15 F__ Barometric reading: ____30.1____
Wind speed and direction: ____15_mph_____
Significant wind changes: __gusts to 27 mph _____

General description of tasks completed: Indoor Air, Outdoor air, and sub-slab vapor sampling.

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: None

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: None

Corrective actions taken or instructions obtained from AFCEE/USACE personnel: No corrective actions necessary.
None

Sampling shipment completed: √ Yes □ No Airbill #: …. …. ….

DCQCR Prepared by: ___Daniel Baldyga _____ Date: ____2/28/13 _____

CQCC Signature: _____ Date:____2/28/13 _____

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
	✓ Field sampling forms
	✓ Equipment Calibration Log
	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs).
	✓ Daily Health and Safety Meeting Form

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Sara Goff Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2013	Time	MATRIX	SMCODE	SED/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101HA	774VMP-1	2.21	1100	GS	AC	0/0	N	-29	-3	1	1	1	Canister # 3036
774VMP0201HA	774VMP-2	2.21	1030	GS	AC	0/0	N	-30	-5	1	1	1	Canister # 4357
774VMP0301HA	774VMP-3	2.21	1035	GS	AC	0/0	N	-30	-1.5	1	1	1	Canister # 2726
776VMP0201HC	776VMP-2	2.21	1206	GS	AC	0/0	N	-28	-1.5	1	1	1	Canister # 4072
776VMP0101HA	776VMP-1	2.21	1220	GS	AC	0/0	N	-30	-2	1	1	1	Canister # 4571
776VMP0201HA	776VMP-2	2.21	1205	GS	AC	0/0	N	-30	-1.5	1	1	1	Canister # 4348
776VMP0301HA	776VMP-3	2.21	1230	GS	AC	0/0	N	-30	-1	1	1	1	Canister # 5062
774IA1IA	774-IA	2.21	0855	GS	AC	0/0	N	-30	-12	1	1	1	Canister # 3333
774776OA1IA	774776-OA	2.21	0900	GS	AC	0/0	N	-28.5	-8	1	1	1	Canister # 4475
776IA1HA	776-IA	2.21	0850	GS	AC	0/0	N	-30	-8	1	1	1	Canister # 3708

Sample Condition Upon Receipt at Laboratory:
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0
Note 1: VOC: Method TO-15 Full List
ANALYSIS NOTE 1: Cat B package required.

Cooler Temperature:

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 2-21	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig)	Date:	#2 Received by: (Sig)	Date: 2/22/13	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time:	Company Name: TA BLR	Time: 1030	Company Name:	Time:

MATRIX
WG = Ground water

SMCODE
B = Bailer

SACODE
N = Normal Sample

WEATHER OBSERVATION FORM

LOCATION: Building 774/776

DATE: 2/21/13

FIELD PERSONNEL: KM / JP

INSTRUMENTS (model and serial number):

Thermometer: NA

Anemometer: NA

	Time (military)	Precip. (in)	Atmospheric pressure (in) ~~Hg~~	Temp. (degrees F)	Wind (mph)	Comments
Prior to Sampling	0733	0	30.08	14.4	18	WNW-wind
Mid Day	1213	0	30.19	15.1	20.7	WNW-wind
			30.31	15.9		
End of Sampling	1702	0.01	~~29.99~~	~~17.5~~	14.0	NW-wind

Notes: Additional measurements should be taken in case of weather condition changes.
Air sampling will be postponed if conditions move outside the acceptable range.

Sampling Event Acceptable Range:
1. Precipitation: dry while conducting sampling.
2. Atmospheric ~~pressure: 29.7~~ – 30.4 in Hg.
3. Temperature: 35 – 95 degrees F. The ground must be completely thawed.
4. Wind: <10 mph.

Indoor sampling.

Daily Health and Safety Meeting Form

Date: 2/21/13 *Time :* 0800

Location: FPM office (sample room)

Weather Conditions: snow / 15°F

Meeting Type: Daily Health and Safety

Personnel Present:
Katrina Mattice, Jake Pratt

Visitors Present: NA

Visitor Training: NA

PPE Required: Modified D

Possible risks, injuries, concerns:
slip, trips / falls
Indoor work, be aware of everyday business.

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):
NA

Property Damage:
NA

Description (include sequence of events describing step by step how incident happened):
NA

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO + FOM, approved by PM, and SSHO implemented):
NA

Report made by (Name): Katrina Mattice.

SSHP Organization Title: Site Safety and Health Officer

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 2/21/13 TIME: 0850

SAMPLE IDENTIFICATION: 776A1HA

SAMPLE DEPTH: 5ft above ground

FIELD PERSONNEL: KM

INSTRUMENTS (model and serial number):

PUMP: RKI Eagle 2

CGI: NA

TYPE OF SAMPLE: ☒ INDOOR ☐ OUTDOOR

DURATION OF AIR SAMPLING: 8 hr

VOLUME OF AIR SAMPLED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in Hg

VACUUM AFTER SAMPLING: -8 in Hg

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

NONE

VOCs used during normal operations of facility: cleaners, printer ink

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.13

Precipitation: snow

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp.: 70°F

Location in relation to sample location: next to 776NMP ← 1

Windows Closed? ☒ Yes ☐ No

CO 0ppm \ BL 0ppm

CH_4 0% LEL 20.9% O_2

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 2/21/13 TIME: 0855

SAMPLE IDENTIFICATION: 774IA1 ~~AF~~ IA

SAMPLE DEPTH: 5 ft above ground

FIELD PERSONNEL: KM

INSTRUMENTS (model and serial number):

PUMP: RKI Eagle 2

CGI: NA

TYPE OF SAMPLE: ☒ INDOOR ☐ OUTDOOR

DURATION OF AIR SAMPLING: 8 hr

VOLUME OF AIR SAMPLED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in hg

VACUUM AFTER SAMPLING: -12 in hg

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

Dry

VOCs used during normal operations of facility: cleaners

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.13

Precipitation: SNOW

Ventilation conditions: Good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp.: 70°F

Location in relation to sample location: next to 774VMP-3

Windows Closed? ☒ Yes ☐ No

CO-0ppm CH_4-0% VOL

LEL-0 ppm O_2-20.9% VOL

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 2/21/13 TIME: 0900

SAMPLE IDENTIFICATION: 7747760A1 [redacted] IA

SAMPLE DEPTH: 5 ft ~~bgs~~ above ground

FIELD PERSONNEL: JP/KM

INSTRUMENTS (model and serial number):

PUMP: RKI Eagle 2

CGI: NA

TYPE OF SAMPLE: ☐ INDOOR ☒ OUTDOOR

DURATION OF AIR SAMPLING: 8 hr

VOLUME OF AIR SAMPLED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -28.5 in hg

VACUUM AFTER SAMPLING: -8 in hg

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

outdoor

VOCs used during normal operations of facility: cleaners

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.13

Precipitation: SNOW

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp.: 70°F

Location in relation to sample location: outdoor

Windows Closed? ☒ Yes ☐ No

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 2/21/2013 TIME: 1030

SAMPLE IDENTIFICATION: 774VMP0201~~AA+HA~~

SAMPLE DEPTH: 2inch below slab

FIELD PERSONNEL: JP/KM

INSTRUMENTS (model and serial number):

PUMP: RKI Eagle 2

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 0.9L

VOLUME OF SOIL VAPOR EXTRACTED: 0.9L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in hg

VACUUM AFTER SAMPLING: -5 in hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Cleaners

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.17 in hg

Precipitation: snow

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70°F

Location in relation to sample location: Above

Windows Closed? ☒ Yes ☐ No

CH4 0% VOL O2 20.9% VOL

LEL 0ppm CO 0ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 2/21/13 TIME: 1035

SAMPLE IDENTIFICATION: 774VMP030~~AA~~HA #2726

SAMPLE DEPTH: 2 inch below Slab

FIELD PERSONNEL: JP/RM

INSTRUMENTS (model and serial number):

PUMP: RK1 Eagle 2

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 0.9L

VOLUME OF SOIL VAPOR EXTRACTED: 6.9L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in Hg

VACUUM AFTER SAMPLING: -1.5 in hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Cleaners

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.17 in hg

Precipitation: Snow

Ventilation conditions: Good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70°F

Location in relation to sample location: Above

Windows Closed? ☒ Yes ☐ No

CH_4 0.02%VOL O_2 20.9%VOL

CO 0ppp IBL 6ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 2/21/2013 TIME: ~~1025~~ 1100

SAMPLE IDENTIFICATION: 774VMP0101~~AA-HA~~

SAMPLE DEPTH: 2inch below slab

FIELD PERSONNEL: JP/KM

INSTRUMENTS (model and serial number):

PUMP: RKI Eagle 2

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 0.9L

VOLUME OF SOIL VAPOR EXTRACTED: 6.9L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -29 in Hg

VACUUM AFTER SAMPLING: -3 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

cleaners

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.19

Precipitation: snow

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70F

Location in relation to sample location: Above

Windows Closed? ~~☒~~ Yes ☐ No

CH4 0ppm 0% LEL 1BL 0ppm

O_2 20.9% CO ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 2/21/13 TIME: 1205 / 1206

SAMPLE IDENTIFICATION: 776 VMP 0201 HA / ~~oil~~ HC

SAMPLE DEPTH: 2 inch below slab

FIELD PERSONNEL: JP / KM

INSTRUMENTS (model and serial number):

PUMP: RKI EAGLE 2

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 0.9 L

VOLUME OF SOIL VAPOR EXTRACTED: 0.9 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in Hg / -28 in Hg

VACUUM AFTER SAMPLING: -1.5 in Hg / -1.5 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

cleaners

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.20 in hg

Precipitation: snow

Ventilation conditions: Good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70°F

Location in relation to sample location: Above

Windows Closed? ☒ Yes ☐ No

O_2 - 20.9% VOL 0 ppm - IBL

CO - 0 ppm CH_4 0% Vol.

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 2/21/13 TIME: 1220

SAMPLE IDENTIFICATION: 776VMP010HA

SAMPLE DEPTH: 2 inch below slab

FIELD PERSONNEL: JP/KM

INSTRUMENTS (model and serial number):

PUMP: RKI Eagle

CGI: NA

TRACER GAS VERIFIED: ☒ Yes ☐ No TRACER GAS CONC. (%): NA

SAMPLE PURGE VOLUME: 0.9 L

VOLUME OF SOIL VAPOR EXTRACTED: 6.9L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in Hg

VACUUM AFTER SAMPLING: -2 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Cleaners, printer ink

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.19 in Hg

Precipitation: snow

Ventilation conditions: good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70°F

Location in relation to sample location: above

Windows Closed? ☒ Yes ☐ No

O_2 - 20.9% VOL IBL = 0 ppm

CH_4 - 0% VOL CO = 0 ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 2/21/13 TIME: 1230

SAMPLE IDENTIFICATION: 776VMP030I+HA

SAMPLE DEPTH: 2 inch below slab

FIELD PERSONNEL: JP/KM

INSTRUMENTS (model and serial number):

PUMP: RKI Eagle 2

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): NA

SAMPLE PURGE VOLUME: 0.9 L

VOLUME OF SOIL VAPOR EXTRACTED: 6.9 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in hg

VACUUM AFTER SAMPLING: -1 in hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

cleaners

Weather conditions: Outdoor temperature: 15°F

Barometric pressure: 30.20 in Hg

Precipitation: snow

Ventilation conditions: Good

Heating System Active? ☒ Yes ☐ No Indoor Air Temp: 70°F

Location in relation to sample location:

Windows Closed? ☒ Yes ☐ No

O_2 - 20.9%

CH_4 - 0%LEL

IBL = 0ppm

CO = 0ppm

Daily Chemical Quality Control Report

Project/Delivery Order Number: __1015-11-01_ ___ Date: _3/6/13___

Project Name/Site Number: ___Buildings 785 and 786 SSVM System O&M/SD-052-02

Weather conditions: Temperature: __40 F__ Barometric reading: ____30.03____
Wind speed and direction: ____5_mph_____
Significant wind changes: __gusts to 17 mph _____

General description of tasks completed: Indoor Air, Outdoor air, and sub-slab vapor sampling.

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: None

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: None

Corrective actions taken or instructions obtained from AFCEE/USACE personnel: No corrective actions necessary.
None

Sampling shipment completed: √ Yes □ No Airbill #: …. …. ….

DCQCR Prepared by: ___Daniel Baldyga _____ Date: ____3/6/13 _____

CQCC Signature:  Date:____3/6/13 _____

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
	✓ Field sampling forms
	✓ Equipment Calibration Log
	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs).
	✓ Daily Health and Safety Meeting Form

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Sara Goff Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2013	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0102HA	786VMP-1	3/6	1430	GS	AC	0/0	N	-30	-4	1	1	1	Canister # 4317, Regulator # 144
786VMP0202HA	786VMP-2	3/6	1440	GS	AC	0/0	N	-24	-2	1	1	1	Canister # 4574, Regulator # 4708
786VMP0302HA	786VMP-3	3/6	1420	GS	AC	0/0	N	-29.5	-2	1	1	1	Canister # 4824, Regulator # 183
785IA09	785-IA	3/6	0725	GS	AC	0/0	N	-30	-6	1	1	1	Canister # 4814, Regulator # 4030
786IA08	786-IA	3/6	0720	GS	AC	0/0	N	-29.5	-9	1	1	1	Canister # 4283, Regulator # 4208
785786OA05	785786-OA	3/6	0730	GS	AC	0/0	N	-28	0	1	1	1	Canister # 2612, Regulator # 4056. Note: vacuum reached 0 in Hg at approximately 7 hours, sampled for 8 hours.
785VMP0202IA	785VMP-2	3/6	1540	GS	AC	0/0	N	-30	-4	1	1	1	Canister # 3659, Regulator # 5321
785VMP0401HA	785VMP-4	3/6	1550	GS	AC	0/0	N	-27	-1	1	1	1	Canister # 3391, Regulator # 4681
785VMP0501FA	785VMP-5	3/6	1600	GS	AC	0/0	N	-28	-5	1	1	1	Canister # 2741, Regulator # 4713
786VMP0102HC	786VMP-1	3/6	1431	GS	AC	0/0	N	-30	-2	1	1	1	Canister # 2859, Regulator # 4693

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 3/13/13	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig)	Date:	#2 Received by: (Sig) Steven Burke	Date: 3/14/13	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time:	Company Name: TA Sburl	Time: 1010	Company Name:	Time:

WEATHER OBSERVATION FORM

LOCATION: Buildings 785/786

DATE: 3/6/13

FIELD PERSONNEL: KM/MG

INSTRUMENTS (model and serial number):

Thermometer: NA

Anemometer: NA

	Time (military)	Precip. (in)	Atmospheric pressure (in)	Temp. (degrees F)	Wind (mph)	Comments
Prior to Sampling	0700	0	30.06	28.5	0	
Mid Day	1200	0	30.08	40.2	4	ENE wind
End of Sampling	1700	0	30.11	39.6	6	East wind

Notes: Additional measurements should be taken in case of weather condition changes.
Air sampling will be postponed if conditions move outside the acceptable range.

Sampling Event Acceptable Range:
1. Precipitation: dry while conducting sampling.
2. Atmospheric pressure: 29.7 – 30.4 in Hg.
3. Temperature: 35 – 95 degrees F. The ground must be completely thawed.
4. Wind: <10 mph.

Daily Health and Safety Meeting Form

Date: 3/6/13 *Time:* 0700

Location: FPM office (sample room)

Weather Conditions: overcast / 40°F

Meeting Type: Daily Health and Safety

Personnel Present:
KM, MK (Mark Corifasi)

Visitors Present: NA

Visitor Training: NA

PPE Required: Modified D

Possible risks, injuries, concerns:
slip trips falls
working inside airfield

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):
NA

Property Damage:
NA

Description (include sequence of events describing step by step how incident happened):
NA

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO + FOM, approved by PM, and SSHO implemented):
NA

Report made by (Name): Katrina Mattice

SSHP Organization Title: Site Safety and Health Officer

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 3/6/13 TIME: 0720

SAMPLE IDENTIFICATION: 786IA08

SAMPLE DEPTH: 5ft above ground

FIELD PERSONNEL: RM/MG

INSTRUMENTS (model and serial number):

PUMP: PID PPM RAE

CGI: NA

TYPE OF SAMPLE: ☒ INDOOR ☐ OUTDOOR

DURATION OF AIR SAMPLING: 8 hr

VOLUME OF AIR SAMPLED: 6 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -29.5 in Hg

VACUUM AFTER SAMPLING: -9 in Hg

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

Kitty litter, wet floors, antifreeze/gas odor, pigeon poop

VOCs used during normal operations of facility: gas, diesel, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure:

Precipitation: ND

Ventilation conditions: good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp.: 40°F

Location in relation to sample location: NA (Next to 786VMP-1)

Windows Closed? ☐ Yes ☒ No

PID= 0 - 0.3 ppm

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 3/6/13 TIME: 0725

SAMPLE IDENTIFICATION: 7851A09

SAMPLE DEPTH: 5 ft above ground

FIELD PERSONNEL: km / mG

INSTRUMENTS (model and serial number):

PUMP: PID PPM RAE

CGI: NA

TYPE OF SAMPLE: ☒ INDOOR ☐ OUTDOOR

DURATION OF AIR SAMPLING: 8 hr

VOLUME OF AIR SAMPLED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in Hg

VACUUM AFTER SAMPLING: -6 in Hg

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

wet floors, dirt, salt, mechanical fluid.

VOCs used during normal operations of facility: disel, gas, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure:

Precipitation: NO

Ventilation conditions: good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp.: 40F

Location in relation to sample location: N/A (next to 785VMP-4)

Windows Closed? ☐ Yes ☒ No

PID = 0 ppm

INDOOR/OUTDOOR AIR MONITORING FORM

DATE: 3/6/13 TIME: 0730

SAMPLE IDENTIFICATION: 785786OA05

SAMPLE DEPTH: 5 ft above ground

FIELD PERSONNEL: KM/MG

INSTRUMENTS (model and serial number):

PUMP: PID PPM RAE

CGI: NA

TYPE OF SAMPLE: ☐ INDOOR ☒ OUTDOOR

DURATION OF AIR SAMPLING: 8 hr

VOLUME OF AIR SAMPLED: 6L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -28 in Hg

VACUUM AFTER SAMPLING: 0 in Hg

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

moist outdoors

VOCs used during normal operations of facility:

Diesel, gas, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure:

Precipitation: No

Ventilation conditions: good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp.: 40°F

Location in relation to sample location: outdoor

Windows Closed? ☐ Yes ☒ No

PID = 0 ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 3/06/13 TIME: 1420

SAMPLE IDENTIFICATION: 786VMP0302HA

SAMPLE DEPTH: 2 ~~ft~~ below slab

FIELD PERSONNEL: KM/MG

INSTRUMENTS (model and serial number):

PUMP: PID PPB RAE

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 0.9L

VOLUME OF SOIL VAPOR EXTRACTED: 6.9L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -29.5 mHg

VACUUM AFTER SAMPLING: -2 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Diesel, gas, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure: _____

Precipitation: NO

Ventilation conditions: good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp: 40°F

Location in relation to sample location: NA

Windows Closed? ☐ Yes ☒ No

PID = 0 ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 3/6/2013 TIME: 1430 / 1431

SAMPLE IDENTIFICATION: 786VMP02.02 HA / C

SAMPLE DEPTH: 2 inch below slab

FIELD PERSONNEL: KM/MCT

INSTRUMENTS (model and serial number):

PUMP: PID PPB RAE

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☐ No TRACER GAS CONC. (%): NA

SAMPLE PURGE VOLUME: 0.9 L

VOLUME OF SOIL VAPOR EXTRACTED: 6.9 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in Hg / -30 in Hg

VACUUM AFTER SAMPLING: -4 in Hg / -2 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Diesel, gas, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure:

Precipitation: No

Ventilation conditions: good

Heating System Active? ☐ Yes ☑ No Indoor Air Temp: 40°F

Location in relation to sample location: NA

Windows Closed? ☐ Yes ☑ No

PID = 0 ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 3/6/2013 TIME: 1440

SAMPLE IDENTIFICATION: 786VMP0202HA

SAMPLE DEPTH: 2 ~~ft~~ below slab

FIELD PERSONNEL: KM | MG

INSTRUMENTS (model and serial number):

PUMP: PID PPM RAE

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): _____

SAMPLE PURGE VOLUME: 0.9 L

VOLUME OF SOIL VAPOR EXTRACTED: 0.9L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -24 in Hg

VACUUM AFTER SAMPLING: -2 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Dusel, gas, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure: _____

Precipitation: NO

Ventilation conditions: good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp: 40F

Location in relation to sample location: NA

Windows Closed? ☐ Yes ☒ No

PID = 0 ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 3/6/13 TIME: 1540

SAMPLE IDENTIFICATION: 785VMP0202IA

SAMPLE DEPTH: 2 bgs below slab

FIELD PERSONNEL: KM / MG

INSTRUMENTS (model and serial number):

PUMP: PID PPM RAE

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): NA

SAMPLE PURGE VOLUME: 0.9 L

VOLUME OF SOIL VAPOR EXTRACTED: 0.9 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -30 in hg

VACUUM AFTER SAMPLING: -4 in hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Diesel gas, anti-freeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure:

Precipitation: NO

Ventilation conditions: Good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp: 40°F

Location in relation to sample location: NA

Windows Closed? ☐ Yes ☒ No

PID = 1 ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 3/6/13 TIME: 1550

SAMPLE IDENTIFICATION: 785VMP040HA

SAMPLE DEPTH: 1 ft below slab

FIELD PERSONNEL: KM/MG

INSTRUMENTS (model and serial number):

PUMP: PID PPM RAE

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): NA

SAMPLE PURGE VOLUME: 0.9L

VOLUME OF SOIL VAPOR EXTRACTED: 0.9L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -27 in Hg

VACUUM AFTER SAMPLING: -1 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

diesel, gas, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure:

Precipitation: No

Ventilation conditions: good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp: 40°F

Location in relation to sample location: NA

Windows Closed? ☐ Yes ☒ No

PID = 0 ppm

SUB-SLAB VAPOR PROBE MONITORING FORM

DATE: 3/6/13 TIME: 1600

SAMPLE IDENTIFICATION: 1 ft below slab

SAMPLE DEPTH: ± 785VMP0501FA

FIELD PERSONNEL: KM/MG

INSTRUMENTS (model and serial number):

PUMP: PID PPM RAE

CGI: NA

TRACER GAS VERIFIED: ☐ Yes ☒ No TRACER GAS CONC. (%): NA

SAMPLE PURGE VOLUME: 0.9 L

VOLUME OF SOIL VAPOR EXTRACTED: 6.9 L

SUMMA CANISTER: VACUUM BEFORE SAMPLING: -28 in Hg

VACUUM AFTER SAMPLING: -5 in Hg

APPARENT MOISTURE CONTENT: (DRY/MOIST/SATURATED/ETC.)

Dry

Comments/Observations during sampling (spills, floor stains, odors, other instrument readings):

VOCs used during normal operations of facility:

Diesel, gas, antifreeze

Weather conditions: Outdoor temperature: 40°F

Barometric pressure:

Precipitation: NO

Ventilation conditions: good

Heating System Active? ☐ Yes ☒ No Indoor Air Temp: 40°F

Location in relation to sample location: NA

Windows Closed? ☐ Yes ☒ No

PID = 0 ppm

Appendix C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39216-1

Job Description: Griffiss AFB Soil Vapor

For:
FPM Remediations Inc
584 Phoenix Drive
Rome, NY 13441

Attention: Daniel Baldyga

Approved for release.
Elaine Walker
Project Manager I
3/21/2013 4:15 PM

Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
03/21/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.
TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-39216-1

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

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

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

RECEIPT

Four samples were received at TestAmerica Burlington on 02/22/2013; the samples arrived in good condition and properly preserved.

Samples 774776CA01AH (280-39216-1), 785786CA01AH (280-39216-2), 774776CA02AF (280-39216-3), and 785786CA02AF (280-39216-4) were received with zero vacuum, and the client was notified on 03/27/2013. The client instructed the laboratory to proceed with the requested analyses.

VOLATILE ORGANIC COMPOUNDS (TO-15)

Samples 774776CA01AH (280-39216-1), 785786CA01AH (280-39216-2), 774776CA02AF (280-39216-3), and 785786CA02AF (280-39216-4) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 03/12/2013 and 03/13/2013.

Several analytes were detected in method blank MB 200-52936/6 at levels that were above the method detection limits but below the reporting limits. The values should be considered estimates, and have been flagged “J”. However, because the result concentrations were less than ½ the respective reporting limits, no corrective action was necessary.

Sample 785786CA01AH (280-39216-2) required a dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) for analytical batch 280-52936 exceeded control criteria for IPA and TBA. The data have been qualified and reported.

No other difficulties were encountered during the TO15 analyses.

All other quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 52836

Lab Sample ID: IC 200-52836/3 Client Sample ID:

Date Analyzed: 03/09/13 15:27 Lab File ID: cli003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	5.08	Peak not found by the data system	pd	03/10/13 14:59

Lab Sample ID: IC 200-52836/4 Client Sample ID:

Date Analyzed: 03/09/13 16:20 Lab File ID: cli004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.78	Baseline event	pd	03/10/13 14:46
n-Nonane	19.66	Peak not found by the data system	pd	03/10/13 15:04

Lab Sample ID: IC 200-52836/5 Client Sample ID:

Date Analyzed: 03/09/13 17:13 Lab File ID: cli005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:47

Lab Sample ID: IC 200-52836/6 Client Sample ID:

Date Analyzed: 03/09/13 18:06 Lab File ID: cli006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:47
Acetonitrile	8.81	Baseline event	pd	03/10/13 14:50

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 52836

Lab Sample ID: ICIS 200-52836/7 Client Sample ID:

Date Analyzed: 03/09/13 18:58 Lab File ID: cli007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.78	Baseline event	pd	03/10/13 14:47
Acetonitrile	8.81	Baseline event	pd	03/10/13 14:51

Lab Sample ID: IC 200-52836/8 Client Sample ID:

Date Analyzed: 03/09/13 19:51 Lab File ID: cli008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:48
Acetonitrile	8.81	Baseline event	pd	03/10/13 14:51

Lab Sample ID: IC 200-52836/9 Client Sample ID:

Date Analyzed: 03/09/13 20:44 Lab File ID: cli009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:48
Acetonitrile	8.80	Baseline event	pd	03/10/13 14:51

Lab Sample ID: IC 200-52836/10 Client Sample ID:

Date Analyzed: 03/09/13 21:37 Lab File ID: cli010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.78	Baseline event	pd	03/10/13 14:48
Acetonitrile	8.80	Baseline event	pd	03/10/13 14:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 52836

Lab Sample ID: ICV 200-52836/13 Client Sample ID:

Date Analyzed: 03/10/13 00:15 Lab File ID: cli013.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 15:07
Acetonitrile	8.80	Baseline event	pd	03/10/13 15:07

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 52936

Lab Sample ID: CCVIS 200-52936/2 Client Sample ID:

Date Analyzed: 03/12/13 14:40 Lab File ID: clic002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/12/13 16:53
Acetonitrile	8.80	Baseline event	wrd	03/12/13 16:53

Lab Sample ID: LCS 200-52936/5 Client Sample ID:

Date Analyzed: 03/12/13 17:19 Lab File ID: clic005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/13/13 14:14

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39216-1	774776CA01AH	Air	02/15/2013 1055	02/22/2013 1030
280-39216-2	785786CA01AH	Air	02/14/2013 1435	02/22/2013 1030
280-39216-3	774776CA02AF	Air	02/15/2013 1100	02/22/2013 1030
280-39216-4	785786CA02AF	Air	02/14/2013 1440	02/22/2013 1030

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39216-1	**774776CA01AH**					
Dichlorodifluoromethane		0.95		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		4.7		2.5	ug/m3	TO-15
Freon 22		9.3		0.50	ppb v/v	TO-15
Freon 22		33		1.8	ug/m3	TO-15
Chloromethane		0.72		0.50	ppb v/v	TO-15
Chloromethane		1.5		1.0	ug/m3	TO-15
n-Butane		1.4		0.50	ppb v/v	TO-15
n-Butane		3.4		1.2	ug/m3	TO-15
Trichlorofluoromethane		5.2		0.20	ppb v/v	TO-15
Trichlorofluoromethane		29		1.1	ug/m3	TO-15
Freon TF		0.065	J	0.20	ppb v/v	TO-15
Freon TF		0.50	J	1.5	ug/m3	TO-15
Acetone		12		5.0	ppb v/v	TO-15
Acetone		28		12	ug/m3	TO-15
Isopropyl alcohol		0.84	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		2.1	J	12	ug/m3	TO-15
Carbon disulfide		0.069	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.21	J	1.6	ug/m3	TO-15
Methylene Chloride		0.30	J	0.50	ppb v/v	TO-15
Methylene Chloride		1.0	J	1.7	ug/m3	TO-15
n-Hexane		0.076	J	0.20	ppb v/v	TO-15
n-Hexane		0.27	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.15	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.45	J	1.5	ug/m3	TO-15
Chloroform		0.45		0.20	ppb v/v	TO-15
Chloroform		2.2		0.98	ug/m3	TO-15
Tetrahydrofuran		0.61	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		1.8	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.17	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.91	J	1.1	ug/m3	TO-15
Cyclohexane		0.11	J	0.20	ppb v/v	TO-15
Cyclohexane		0.38	J	0.69	ug/m3	TO-15
Carbon tetrachloride		0.29		0.20	ppb v/v	TO-15
Carbon tetrachloride		1.8		1.3	ug/m3	TO-15
Benzene		0.078	J	0.20	ppb v/v	TO-15
Benzene		0.25	J	0.64	ug/m3	TO-15
Trichloroethene		3.7		0.20	ppb v/v	TO-15
Trichloroethene		20		1.1	ug/m3	TO-15
Toluene		0.046	J	0.20	ppb v/v	TO-15
Toluene		0.17	J	0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc Job Number: 280-39216-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39216-2	**785786CA01AH**					
Dichlorodifluoromethane		0.66	J	1.0	ppb v/v	TO-15
Dichlorodifluoromethane		3.3	J	4.9	ug/m3	TO-15
Freon 22		0.35	J	1.0	ppb v/v	TO-15
Freon 22		1.3	J	3.5	ug/m3	TO-15
Chloromethane		0.28	J	1.0	ppb v/v	TO-15
Chloromethane		0.59	J	2.1	ug/m3	TO-15
n-Butane		1.2		1.0	ppb v/v	TO-15
n-Butane		2.8		2.4	ug/m3	TO-15
1,3-Butadiene		0.11	J	0.40	ppb v/v	TO-15
1,3-Butadiene		0.23	J	0.88	ug/m3	TO-15
Trichlorofluoromethane		0.26	J	0.40	ppb v/v	TO-15
Trichlorofluoromethane		1.5	J	2.2	ug/m3	TO-15
Freon TF		0.095	J	0.40	ppb v/v	TO-15
Freon TF		0.73	J	3.1	ug/m3	TO-15
Acetone		47		10	ppb v/v	TO-15
Acetone		110		24	ug/m3	TO-15
Isopropyl alcohol		2.8	J	10	ppb v/v	TO-15
Isopropyl alcohol		6.8	J	25	ug/m3	TO-15
n-Hexane		6.3		0.40	ppb v/v	TO-15
n-Hexane		22		1.4	ug/m3	TO-15
Methyl Ethyl Ketone		0.78	J	1.0	ppb v/v	TO-15
Methyl Ethyl Ketone		2.3	J	2.9	ug/m3	TO-15
1,2-Dichloroethene, Total		0.13	J	0.40	ppb v/v	TO-15
1,2-Dichloroethene, Total		0.52	J	1.6	ug/m3	TO-15
Cyclohexane		2.2		0.40	ppb v/v	TO-15
Cyclohexane		7.6		1.4	ug/m3	TO-15
Carbon tetrachloride		0.072	J	0.40	ppb v/v	TO-15
Carbon tetrachloride		0.45	J	2.5	ug/m3	TO-15
2,2,4-Trimethylpentane		2.2		0.40	ppb v/v	TO-15
2,2,4-Trimethylpentane		10		1.9	ug/m3	TO-15
Benzene		0.22	J	0.40	ppb v/v	TO-15
Benzene		0.72	J	1.3	ug/m3	TO-15
n-Heptane		2.5		0.40	ppb v/v	TO-15
n-Heptane		10		1.6	ug/m3	TO-15
Trichloroethene		17		0.40	ppb v/v	TO-15
Trichloroethene		93		2.1	ug/m3	TO-15
Toluene		0.26	J	0.40	ppb v/v	TO-15
Toluene		0.97	J	1.5	ug/m3	TO-15
Tetrachloroethene		0.97		0.40	ppb v/v	TO-15
Tetrachloroethene		6.6		2.7	ug/m3	TO-15
m,p-Xylene		0.23	J	1.0	ppb v/v	TO-15
m,p-Xylene		1.0	J	4.3	ug/m3	TO-15
Xylene, o-		0.092	J	0.40	ppb v/v	TO-15
Xylene, o-		0.40	J	1.7	ug/m3	TO-15
Xylene (total)		0.32	J	0.40	ppb v/v	TO-15
Xylene (total)		1.4	J	1.7	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID / Client Sample ID / Analyte	Result	Qualifier	Reporting Limit	Units	Method
1,2,4-Trimethylbenzene	0.15	J	0.40	ppb v/v	TO-15
1,2,4-Trimethylbenzene	0.73	J	2.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39216-3	**774776CA02AF**					
Dichlorodifluoromethane		0.78		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.9		2.5	ug/m3	TO-15
Freon 22		7.9		0.50	ppb v/v	TO-15
Freon 22		28		1.8	ug/m3	TO-15
Chloromethane		0.50		0.50	ppb v/v	TO-15
Chloromethane		1.0		1.0	ug/m3	TO-15
n-Butane		1.8		0.50	ppb v/v	TO-15
n-Butane		4.3		1.2	ug/m3	TO-15
Trichlorofluoromethane		6.1		0.20	ppb v/v	TO-15
Trichlorofluoromethane		34		1.1	ug/m3	TO-15
Acetone		6.7		5.0	ppb v/v	TO-15
Acetone		16		12	ug/m3	TO-15
Isopropyl alcohol		2.3	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		5.7	J	12	ug/m3	TO-15
Carbon disulfide		0.33	J	0.50	ppb v/v	TO-15
Carbon disulfide		1.0	J	1.6	ug/m3	TO-15
Methylene Chloride		0.19	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.67	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.43	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.3	J	15	ug/m3	TO-15
n-Hexane		0.77		0.20	ppb v/v	TO-15
n-Hexane		2.7		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.1		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.2		1.5	ug/m3	TO-15
Chloroform		0.11	J	0.20	ppb v/v	TO-15
Chloroform		0.54	J	0.98	ug/m3	TO-15
Tetrahydrofuran		1.2	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		3.5	J	15	ug/m3	TO-15
Cyclohexane		0.28		0.20	ppb v/v	TO-15
Cyclohexane		0.96		0.69	ug/m3	TO-15
2,2,4-Trimethylpentane		0.21		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.97		0.93	ug/m3	TO-15
Benzene		0.085	J	0.20	ppb v/v	TO-15
Benzene		0.27	J	0.64	ug/m3	TO-15
n-Heptane		0.38		0.20	ppb v/v	TO-15
n-Heptane		1.6		0.82	ug/m3	TO-15
Toluene		0.34		0.20	ppb v/v	TO-15
Toluene		1.3		0.75	ug/m3	TO-15
Ethylbenzene		0.095	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.41	J	0.87	ug/m3	TO-15
m,p-Xylene		0.32	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.4	J	2.2	ug/m3	TO-15
Xylene, o-		0.10	J	0.20	ppb v/v	TO-15
Xylene, o-		0.44	J	0.87	ug/m3	TO-15
Xylene (total)		0.42		0.20	ppb v/v	TO-15
Xylene (total)		1.8		0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,2,4-Trimethylbenzene		0.11	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.54	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39216-4	**785786CA02AF**					
Dichlorodifluoromethane		0.45	J	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.2	J	2.5	ug/m3	TO-15
Freon 22		0.28	J	0.50	ppb v/v	TO-15
Freon 22		0.99	J	1.8	ug/m3	TO-15
Chloromethane		0.20	J	0.50	ppb v/v	TO-15
Chloromethane		0.42	J	1.0	ug/m3	TO-15
n-Butane		0.45	J	0.50	ppb v/v	TO-15
n-Butane		1.1	J	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.18	J	0.20	ppb v/v	TO-15
Trichlorofluoromethane		0.98	J	1.1	ug/m3	TO-15
Acetone		6.1		5.0	ppb v/v	TO-15
Acetone		15		12	ug/m3	TO-15
Isopropyl alcohol		2.7	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		6.8	J	12	ug/m3	TO-15
Methylene Chloride		0.13	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.46	J	1.7	ug/m3	TO-15
n-Hexane		2.8		0.20	ppb v/v	TO-15
n-Hexane		9.7		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.59		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.8		1.5	ug/m3	TO-15
Tetrahydrofuran		1.5	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		4.4	J	15	ug/m3	TO-15
Cyclohexane		1.0		0.20	ppb v/v	TO-15
Cyclohexane		3.6		0.69	ug/m3	TO-15
2,2,4-Trimethylpentane		0.71		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		3.3		0.93	ug/m3	TO-15
Benzene		0.098	J	0.20	ppb v/v	TO-15
Benzene		0.31	J	0.64	ug/m3	TO-15
n-Heptane		1.1		0.20	ppb v/v	TO-15
n-Heptane		4.7		0.82	ug/m3	TO-15
Trichloroethene		0.82		0.20	ppb v/v	TO-15
Trichloroethene		4.4		1.1	ug/m3	TO-15
Toluene		0.15	J	0.20	ppb v/v	TO-15
Toluene		0.56	J	0.75	ug/m3	TO-15
Tetrachloroethene		0.18	J	0.20	ppb v/v	TO-15
Tetrachloroethene		1.3	J	1.4	ug/m3	TO-15
Ethylbenzene		0.074	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.32	J	0.87	ug/m3	TO-15
m,p-Xylene		0.26	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.1	J	2.2	ug/m3	TO-15
Xylene, o-		0.10	J	0.20	ppb v/v	TO-15
Xylene, o-		0.45	J	0.87	ug/m3	TO-15
Xylene (total)		0.36		0.20	ppb v/v	TO-15
Xylene (total)		1.6		0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.054	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.26	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39216-1

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

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39216-1

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: FPM Remediations Inc

Job Number: 280-39216-1

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

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA01AH**

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.95		0.020	0.50
Freon 22	9.3		0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.72		0.034	0.50
n-Butane	1.4		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	5.2		0.021	0.20
Freon TF	0.065	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	12		0.40	5.0
Isopropyl alcohol	0.84	J	0.076	5.0
Carbon disulfide	0.069	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.30	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.076	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.15	J	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.45		0.024	0.20
Tetrahydrofuran	0.61	J	0.029	5.0
1,1,1-Trichloroethane	0.17	J	0.020	0.20
Cyclohexane	0.11	J	0.019	0.20
Carbon tetrachloride	0.29		0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.078	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	3.7		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.046	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA01AH**

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	4.7		0.099	2.5
Freon 22	33		0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.5		0.070	1.0
n-Butane	3.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	29		0.12	1.1
Freon TF	0.50	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	28		0.95	12
Isopropyl alcohol	2.1	J	0.19	12
Carbon disulfide	0.21	J	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA01AH**

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.0	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.27	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.45	J	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	2.2		0.12	0.98
Tetrahydrofuran	1.8	J	0.086	15
1,1,1-Trichloroethane	0.91	J	0.11	1.1
Cyclohexane	0.38	J	0.065	0.69
Carbon tetrachloride	1.8		0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.25	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	20		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.17	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA01AH**

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA01AH**

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.66	J	0.040	1.0
Freon 22	0.35	J	0.046	1.0
1,2-Dichlorotetrafluoroethane	0.16	U	0.040	0.40
Chloromethane	0.28	J	0.068	1.0
n-Butane	1.2		0.044	1.0
Vinyl chloride	0.056	U	0.018	0.40
1,3-Butadiene	0.11	J	0.050	0.40
Bromomethane	0.16	U	0.054	0.40
Chloroethane	0.16	U	0.066	1.0
Bromoethene(Vinyl Bromide)	0.080	U	0.038	0.40
Trichlorofluoromethane	0.26	J	0.042	0.40
Freon TF	0.095	J	0.040	0.40
1,1-Dichloroethene	0.40	U	0.17	0.40
Acetone	47		0.80	10
Isopropyl alcohol	2.8	J	0.15	10
Carbon disulfide	0.16	U	0.040	1.0
3-Chloropropene	0.16	U	0.094	1.0
Methylene Chloride	0.16	U	0.046	1.0
tert-Butyl alcohol	0.16	U	0.082	10
Methyl tert-butyl ether	0.080	U	0.030	0.40
trans-1,2-Dichloroethene	0.16	U	0.046	0.40
n-Hexane	6.3		0.040	0.40
1,1-Dichloroethane	0.16	U	0.046	0.40
Methyl Ethyl Ketone	0.78	J	0.050	1.0
cis-1,2-Dichloroethene	0.40	U	0.17	0.40
1,2-Dichloroethene, Total	0.13	J	0.046	0.40
Chloroform	0.16	U	0.048	0.40
Tetrahydrofuran	0.16	U	0.058	10
1,1,1-Trichloroethane	0.16	U	0.040	0.40
Cyclohexane	2.2		0.038	0.40
Carbon tetrachloride	0.072	J	0.026	0.40
2,2,4-Trimethylpentane	2.2		0.030	0.40
Benzene	0.22	J	0.036	0.40
1,2-Dichloroethane	0.080	U	0.036	0.40
n-Heptane	2.5		0.034	0.40
Trichloroethene	17		0.018	0.40
Methyl methacrylate	0.080	U	0.032	1.0
1,2-Dichloropropane	0.16	U	0.046	0.40
1,4-Dioxane	0.40	U	0.14	10
Bromodichloromethane	0.080	U	0.024	0.40
cis-1,3-Dichloropropene	0.080	U	0.026	0.40
methyl isobutyl ketone	0.16	U	0.068	1.0
Toluene	0.26	J	0.028	0.40
trans-1,3-Dichloropropene	0.080	U	0.030	0.40
1,1,2-Trichloroethane	0.080	U	0.032	0.40
Tetrachloroethene	0.97		0.030	0.40

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA01AH**

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.16	U	0.080	1.0
Dibromochloromethane	0.080	U	0.022	0.40
1,2-Dibromoethane	0.080	U	0.028	0.40
Chlorobenzene	0.080	U	0.026	0.40
Ethylbenzene	0.080	U	0.030	0.40
m,p-Xylene	0.23	J	0.044	1.0
Xylene, o-	0.092	J	0.032	0.40
Xylene (total)	0.32	J	0.032	0.40
Styrene	0.080	U	0.022	0.40
Bromoform	0.056	U	0.014	0.40
Cumene	0.080	U	0.022	0.40
1,1,2,2-Tetrachloroethane	0.080	U	0.022	0.40
n-Propylbenzene	0.080	U	0.026	0.40
4-Ethyltoluene	0.080	U	0.030	0.40
1,3,5-Trimethylbenzene	0.080	U	0.038	0.40
2-Chlorotoluene	0.080	U	0.026	0.40
tert-Butylbenzene	0.080	U	0.022	0.40
1,2,4-Trimethylbenzene	0.15	J	0.042	0.40
sec-Butylbenzene	0.080	U	0.030	0.40
4-Isopropyltoluene	0.16	U	0.040	0.40
1,3-Dichlorobenzene	0.080	U	0.038	0.40
1,4-Dichlorobenzene	0.080	U	0.036	0.40
Benzyl chloride	0.16	U	0.044	0.40
n-Butylbenzene	0.16	U	0.044	0.40
1,2-Dichlorobenzene	0.16	U	0.052	0.40
1,2,4-Trichlorobenzene	0.16	U	0.060	1.0
Hexachlorobutadiene	0.16	U	0.058	0.40
Naphthalene	0.16	U	0.076	1.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.3	J	0.20	4.9
Freon 22	1.3	J	0.16	3.5
1,2-Dichlorotetrafluoroethane	1.1	U	0.28	2.8
Chloromethane	0.59	J	0.14	2.1
n-Butane	2.8		0.10	2.4
Vinyl chloride	0.14	U	0.047	1.0
1,3-Butadiene	0.23	J	0.11	0.88
Bromomethane	0.62	U	0.21	1.6
Chloroethane	0.42	U	0.17	2.6
Bromoethene(Vinyl Bromide)	0.35	U	0.17	1.7
Trichlorofluoromethane	1.5	J	0.24	2.2
Freon TF	0.73	J	0.31	3.1
1,1-Dichloroethene	1.6	U	0.68	1.6
Acetone	110		1.9	24
Isopropyl alcohol	6.8	J	0.37	25
Carbon disulfide	0.50	U	0.12	3.1

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA01AH**

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.50	U	0.29	3.1
Methylene Chloride	0.56	U	0.16	3.5
tert-Butyl alcohol	0.49	U	0.25	30
Methyl tert-butyl ether	0.29	U	0.11	1.4
trans-1,2-Dichloroethene	0.63	U	0.18	1.6
n-Hexane	22		0.14	1.4
1,1-Dichloroethane	0.65	U	0.19	1.6
Methyl Ethyl Ketone	2.3	J	0.15	2.9
cis-1,2-Dichloroethene	1.6	U	0.67	1.6
1,2-Dichloroethene, Total	0.52	J	0.18	1.6
Chloroform	0.78	U	0.23	2.0
Tetrahydrofuran	0.47	U	0.17	29
1,1,1-Trichloroethane	0.87	U	0.22	2.2
Cyclohexane	7.6		0.13	1.4
Carbon tetrachloride	0.45	J	0.16	2.5
2,2,4-Trimethylpentane	10		0.14	1.9
Benzene	0.72	J	0.12	1.3
1,2-Dichloroethane	0.32	U	0.15	1.6
n-Heptane	10		0.14	1.6
Trichloroethene	93		0.099	2.1
Methyl methacrylate	0.33	U	0.13	4.1
1,2-Dichloropropane	0.74	U	0.21	1.8
1,4-Dioxane	1.4	U	0.50	36
Bromodichloromethane	0.54	U	0.16	2.7
cis-1,3-Dichloropropene	0.36	U	0.12	1.8
methyl isobutyl ketone	0.66	U	0.28	4.1
Toluene	0.97	J	0.11	1.5
trans-1,3-Dichloropropene	0.36	U	0.14	1.8
1,1,2-Trichloroethane	0.44	U	0.17	2.2
Tetrachloroethene	6.6		0.20	2.7
Methyl Butyl Ketone (2-Hexanone)	0.66	U	0.33	4.1
Dibromochloromethane	0.68	U	0.19	3.4
1,2-Dibromoethane	0.61	U	0.22	3.1
Chlorobenzene	0.37	U	0.12	1.8
Ethylbenzene	0.35	U	0.13	1.7
m,p-Xylene	1.0	J	0.19	4.3
Xylene, o-	0.40	J	0.14	1.7
Xylene (total)	1.4	J	0.14	1.7
Styrene	0.34	U	0.094	1.7
Bromoform	0.58	U	0.15	4.1
Cumene	0.39	U	0.11	2.0
1,1,2,2-Tetrachloroethane	0.55	U	0.15	2.7
n-Propylbenzene	0.39	U	0.13	2.0
4-Ethyltoluene	0.39	U	0.15	2.0
1,3,5-Trimethylbenzene	0.39	U	0.19	2.0
2-Chlorotoluene	0.41	U	0.13	2.1

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA01AH**

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.44	U	0.12	2.2
1,2,4-Trimethylbenzene	0.73	J	0.21	2.0
sec-Butylbenzene	0.44	U	0.16	2.2
4-Isopropyltoluene	0.88	U	0.22	2.2
1,3-Dichlorobenzene	0.48	U	0.23	2.4
1,4-Dichlorobenzene	0.48	U	0.22	2.4
Benzyl chloride	0.83	U	0.23	2.1
n-Butylbenzene	0.88	U	0.24	2.2
1,2-Dichlorobenzene	0.96	U	0.31	2.4
1,2,4-Trichlorobenzene	1.2	U	0.45	7.4
Hexachlorobutadiene	1.7	U	0.62	4.3
Naphthalene	0.84	U	0.40	5.2

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA02AF**

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.78		0.020	0.50
Freon 22	7.9		0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.50		0.034	0.50
n-Butane	1.8		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	6.1		0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	6.7		0.40	5.0
Isopropyl alcohol	2.3	J	0.076	5.0
Carbon disulfide	0.33	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.19	J	0.023	0.50
tert-Butyl alcohol	0.43	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.77		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.1		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.11	J	0.024	0.20
Tetrahydrofuran	1.2	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.28		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.21		0.015	0.20
Benzene	0.085	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.38		0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.34		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA02AF**

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.095	J	0.015	0.20
m,p-Xylene	0.32	J	0.022	0.50
Xylene, o-	0.10	J	0.016	0.20
Xylene (total)	0.42		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.11	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.9		0.099	2.5
Freon 22	28		0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.0		0.070	1.0
n-Butane	4.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	34		0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	16		0.95	12
Isopropyl alcohol	5.7	J	0.19	12
Carbon disulfide	1.0	J	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA02AF**

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.67	J	0.080	1.7
tert-Butyl alcohol	1.3	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	2.7		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.2		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.54	J	0.12	0.98
Tetrahydrofuran	3.5	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.96		0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.97		0.070	0.93
Benzene	0.27	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	1.6		0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	1.3		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.41	J	0.065	0.87
m,p-Xylene	1.4	J	0.096	2.2
Xylene, o-	0.44	J	0.069	0.87
Xylene (total)	1.8		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA02AF**

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.54	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA02AF**

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.45	J	0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.20	J	0.034	0.50
n-Butane	0.45	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.18	J	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	6.1		0.40	5.0
Isopropyl alcohol	2.7	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.13	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.59		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	1.5	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.0		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.71		0.015	0.20
Benzene	0.098	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	1.1		0.017	0.20
Trichloroethene	0.82		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.15	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.18	J	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA02AF**

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.074	J	0.015	0.20
m,p-Xylene	0.26	J	0.022	0.50
Xylene, o-	0.10	J	0.016	0.20
Xylene (total)	0.36		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.054	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.2	J	0.099	2.5
Freon 22	0.99	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.42	J	0.070	1.0
n-Butane	1.1	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.98	J	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	15		0.95	12
Isopropyl alcohol	6.8	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA02AF**

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.46	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.7		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	1.8		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	4.4	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	3.6		0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	3.3		0.070	0.93
Benzene	0.31	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	4.7		0.070	0.82
Trichloroethene	4.4		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.56	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	1.3	J	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.32	J	0.065	0.87
m,p-Xylene	1.1	J	0.096	2.2
Xylene, o-	0.45	J	0.069	0.87
Xylene (total)	1.6		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA02AF**

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.26	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Method Blank - Batch: 200-52936

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-52936/6	Analysis Batch:	200-52936	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clic006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 1812	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 1812			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.080	U	0.020	0.50
Freon 22	0.080	U	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.0688	J	0.034	0.50
n-Butane	0.167	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.080	U	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	0.406	J	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.121	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.080	U	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.040	U	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20

Client: FPM Remediations Inc

Job Number: 280-39216-1

Method Blank - Batch: 200-52936

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-52936/6	Analysis Batch:	200-52936	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clic006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 1812	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 1812			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.015	0.20
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Client: FPM Remediations Inc

Job Number: 280-39216-1

Method Blank - Batch: 200-52936

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-52936/6	Analysis Batch:	200-52936	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clic006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 1812	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 1812			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.40	U	0.099	2.5
Freon 22	0.28	U	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.142	J	0.070	1.0
n-Butane	0.398	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.45	U	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	0.965	J	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.421	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.24	U	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.15	U	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1

Client: FPM Remediations Inc

Job Number: 280-39216-1

Method Blank - Batch: 200-52936

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-52936/6	Analysis Batch:	200-52936	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clic006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 1812	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 1812			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Control Sample - Batch: 200-52936

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-52936/5	Analysis Batch:	200-52936	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clic005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 1719	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 1719			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.0	110	70 - 130	
Freon 22	10.0	11.1	111	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70 - 130	
Chloromethane	10.0	11.0	110	70 - 130	
n-Butane	10.0	11.0	110	70 - 130	
Vinyl chloride	10.0	10.2	102	70 - 130	
1,3-Butadiene	10.0	10.9	109	70 - 130	
Bromomethane	10.0	9.92	99	70 - 130	
Chloroethane	10.0	10.5	105	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.4	104	70 - 130	
Trichlorofluoromethane	10.0	10.5	105	70 - 130	
Freon TF	10.0	11.4	114	70 - 130	
1,1-Dichloroethene	10.0	11.5	116	70 - 130	
Acetone	10.0	10.9	109	70 - 130	
Isopropyl alcohol	10.0	11.1	111	70 - 130	
Carbon disulfide	10.0	10.8	108	70 - 130	
3-Chloropropene	10.0	9.87	99	70 - 130	M
Methylene Chloride	10.0	11.3	113	70 - 130	
tert-Butyl alcohol	10.0	11.3	113	70 - 130	
Methyl tert-butyl ether	10.0	10.2	102	70 - 130	
trans-1,2-Dichloroethene	10.0	10.7	107	70 - 130	
n-Hexane	10.0	10.6	106	70 - 130	
1,1-Dichloroethane	10.0	10.6	106	70 - 130	
Methyl Ethyl Ketone	10.0	10.3	103	70 - 130	
cis-1,2-Dichloroethene	10.0	10.7	107	70 - 130	
Chloroform	10.0	10.6	106	70 - 130	
Tetrahydrofuran	10.0	11.0	110	70 - 130	
1,1,1-Trichloroethane	10.0	10.5	105	70 - 130	
Cyclohexane	10.0	10.5	105	70 - 130	
Carbon tetrachloride	10.0	10.1	101	70 - 130	
2,2,4-Trimethylpentane	10.0	10.8	108	70 - 130	
Benzene	10.0	9.67	97	70 - 130	
1,2-Dichloroethane	10.0	10.6	106	70 - 130	
n-Heptane	10.0	10.7	107	70 - 130	
Trichloroethene	10.0	9.93	99	70 - 130	
Methyl methacrylate	10.0	10.3	103	70 - 130	
1,2-Dichloropropane	10.0	10.2	102	70 - 130	
1,4-Dioxane	10.0	9.42	94	70 - 130	
Bromodichloromethane	10.0	11.0	110	70 - 130	
cis-1,3-Dichloropropene	10.0	10.2	102	70 - 130	
methyl isobutyl ketone	10.0	10.6	106	70 - 130	
Toluene	10.0	9.56	96	70 - 130	
trans-1,3-Dichloropropene	10.0	9.78	98	70 - 130	
1,1,2-Trichloroethane	10.0	9.58	96	70 - 130	
Tetrachloroethene	10.0	9.58	96	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9	109	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Control Sample - Batch: 200-52936

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-52936/5	Analysis Batch:	200-52936	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clic005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 1719	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 1719			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	10.7	107	70 - 130	
1,2-Dibromoethane	10.0	9.78	98	70 - 130	
Chlorobenzene	10.0	9.38	94	70 - 130	
Ethylbenzene	10.0	9.72	97	70 - 130	
m,p-Xylene	20.0	18.8	94	70 - 130	
Xylene, o-	10.0	9.51	95	70 - 130	
Styrene	10.0	9.95	100	70 - 130	
Bromoform	10.0	10.4	104	70 - 130	
Cumene	10.0	9.89	99	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.54	95	70 - 130	
n-Propylbenzene	10.0	10.3	103	70 - 130	
4-Ethyltoluene	10.0	10.5	105	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.72	97	70 - 130	
2-Chlorotoluene	10.0	10.5	105	70 - 130	
tert-Butylbenzene	10.0	9.62	96	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.66	97	70 - 130	
sec-Butylbenzene	10.0	9.87	99	70 - 130	
4-Isopropyltoluene	10.0	9.83	98	70 - 130	
1,3-Dichlorobenzene	10.0	8.97	90	70 - 130	
1,4-Dichlorobenzene	10.0	9.06	91	70 - 130	
Benzyl chloride	10.0	10.2	102	70 - 130	
n-Butylbenzene	10.0	10.7	107	70 - 130	
1,2-Dichlorobenzene	10.0	8.77	88	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.65	87	70 - 130	
Hexachlorobutadiene	10.0	9.22	92	70 - 130	
Naphthalene	10.0	9.72	97	70 - 130	

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-39216-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	M	Manual integrated compound.
	U	Undetected at the Limit of Detection.

Client: FPM Remediations Inc

Job Number: 280-39216-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-52936					
LCS 200-52936/5	Lab Control Sample	T	Air	TO-15	
MB 200-52936/6	Method Blank	T	Air	TO-15	
280-39216-1	774776CA01AH	T	Air	TO-15	
280-39216-2	785786CA01AH	T	Air	TO-15	
280-39216-3	774776CA02AF	T	Air	TO-15	
280-39216-4	785786CA02AF	T	Air	TO-15	

Report Basis

T = Total

Client: FPM Remediations Inc

Job Number: 280-39216-1

Laboratory Chronicle

Lab ID: 280-39216-1 **Client ID:** 774776CA01AH

Sample Date/Time: 02/15/2013 10:55 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39216-A-1		200-52936		03/13/2013 10:54	1	TAL BUR	WRD
A:TO-15	280-39216-A-1		200-52936		03/13/2013 10:54	1	TAL BUR	WRD

Lab ID: 280-39216-2 **Client ID:** 785786CA01AH

Sample Date/Time: 02/14/2013 14:35 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39216-A-2		200-52936		03/13/2013 12:40	2	TAL BUR	WRD
A:TO-15	280-39216-A-2		200-52936		03/13/2013 12:40	2	TAL BUR	WRD

Lab ID: 280-39216-3 **Client ID:** 774776CA02AF

Sample Date/Time: 02/15/2013 11:00 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39216-A-3		200-52936		03/12/2013 20:50	1	TAL BUR	WRD
A:TO-15	280-39216-A-3		200-52936		03/12/2013 20:50	1	TAL BUR	WRD

Lab ID: 280-39216-4 **Client ID:** 785786CA02AF

Sample Date/Time: 02/14/2013 14:40 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39216-A-4		200-52936		03/12/2013 21:43	1	TAL BUR	WRD
A:TO-15	280-39216-A-4		200-52936		03/12/2013 21:43	1	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 200-52936/6		200-52936		03/12/2013 18:12	1	TAL BUR	WRD
A:TO-15	MB 200-52936/6		200-52936		03/12/2013 18:12	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-39216-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-52936/5		200-52936		03/12/2013 17:19	1	TAL BUR	WRD
A:TO-15	LCS 200-52936/5		200-52936		03/12/2013 17:19	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATT15LLCAL4w_00045	05/21/13	02/23/13		15.463 L	ATTO15CAL6w_00060	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
.ATTO15CAL6w_00060	05/21/13	02/22/13	DI WATER, Lot 5015	15.463 L	ATTO15CALSTKi_00039	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
..ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroform	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroform	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15CAL2w_00072	05/21/13	02/22/13	DI WATER, Lot 2691	15.463 L	ATTO15CAL6w_00060	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00035	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00060	05/21/13	02/22/13	DI WATER, Lot 5015	15.463 L	ATTO15CALSTKi_00039	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00035	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00091	05/21/13	02/27/13	DI WATER, Lot 3142	15.463 L	ATTO15CALSTKi_00039	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Freon 22	4.99256 ppb v/v
							Freon TF	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone	4.99256 ppb v/v
							methyl isobutyl ketone	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00035	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00250	05/21/13	02/27/13	DI WATER, Lot 4837	15.463 L	ATTO15CALSTKi_00039	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00035	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00030	05/21/13	02/22/13	DI WATER, Lot 4096	15.463 L	ATTO15CALSTKi_00039	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00035	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00061	05/21/13	02/22/13	DI WATER, Lot 3643	15.463 L	ATTO15CALSTKi_00039	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00035	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00033	05/21/13	02/22/13	DI WATER, Lot 4233	15.463 L	ATTO15CALSTKi_00039	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon 22	39.9922 ppb v/v
							Freon TF	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00035	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CISs_00005	11/15/15		Spectra, Lot CC-250115		(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
ATTO15LCSW_00256	05/21/13	02/23/13	DI WATER, Lot 3155	15.463 L	ATTO15LCSSTKi_00035	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00035	05/22/13	02/22/13	DI WATER, Lot 7952	37.5 L	ATTO15LCSs_00011	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00011	12/05/13		Spectra Gases, Lot CC-230119		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v

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Outside USA: eurtechserv@sial.com

9/15/11

Certificate of Analysis

Product Name:
Ethanol – 200 proof, anhydrous, ≥99.5%

CH_3CH_2OH

Product Number:	**459836**
Lot Number:	**SHBB5682V**
Brand:	SIAL
CAS Number:	64-17-5
MDL Number:	MFCD00003568
Formula:	C2H6O
Formula Weight:	46.07 g/mol
Quality Release Date:	15 SEP 2011

389837
ID: ATTO15EthCALs_00007
Exp 09/01/17 Prod Prd Open 09/01/12
TO15 Ethanol Cal source 9

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.5 %	> 99.9 %
Water (by Karl Fischer)	≤ 0.005 %	0.003 %
Residue on Evaporation	≤ 0.0005 %	0.0003 %
Starting Material Clearance	Confirmed	Conforms
TRACEABLE TO ACS PRODUCT LISTING		

Jennifer Baughman, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Certification Summary

Client: FPM Remediations Inc
Project/Site: Griffiss AFB Soil Vapor

TestAmerica Job ID: 280-39216-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAP	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	200610
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clic005.d

Lab ID: LCS 200-52936/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.0	110	70-130	
Freon 22	10.0	11.1	111	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70-130	
Chloromethane	10.0	11.0	110	70-130	
n-Butane	10.0	11.0	110	70-130	
Vinyl chloride	10.0	10.2	102	70-130	
1,3-Butadiene	10.0	10.9	109	70-130	
Bromomethane	10.0	9.92	99	70-130	
Chloroethane	10.0	10.5	105	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.4	104	70-130	
Trichlorofluoromethane	10.0	10.5	105	70-130	
Freon TF	10.0	11.4	114	70-130	
1,1-Dichloroethene	10.0	11.5	116	70-130	
Acetone	10.0	10.9	109	70-130	
Isopropyl alcohol	10.0	11.1	111	70-130	
Carbon disulfide	10.0	10.8	108	70-130	
3-Chloropropene	10.0	9.87	99	70-130	M
Methylene Chloride	10.0	11.3	113	70-130	
tert-Butyl alcohol	10.0	11.3	113	70-130	
Methyl tert-butyl ether	10.0	10.2	102	70-130	
trans-1,2-Dichloroethene	10.0	10.7	107	70-130	
n-Hexane	10.0	10.6	106	70-130	
1,1-Dichloroethane	10.0	10.6	106	70-130	
Methyl Ethyl Ketone	10.0	10.3	103	70-130	
cis-1,2-Dichloroethene	10.0	10.7	107	70-130	
Chloroform	10.0	10.6	106	70-130	
Tetrahydrofuran	10.0	11.0	110	70-130	
1,1,1-Trichloroethane	10.0	10.5	105	70-130	
Cyclohexane	10.0	10.5	105	70-130	
Carbon tetrachloride	10.0	10.1	101	70-130	
2,2,4-Trimethylpentane	10.0	10.8	108	70-130	
Benzene	10.0	9.67	97	70-130	
1,2-Dichloroethane	10.0	10.6	106	70-130	
n-Heptane	10.0	10.7	107	70-130	
Trichloroethene	10.0	9.93	99	70-130	
Methyl methacrylate	10.0	10.3	103	70-130	
1,2-Dichloropropane	10.0	10.2	102	70-130	
1,4-Dioxane	10.0	9.42	94	70-130	
Bromodichloromethane	10.0	11.0	110	70-130	
cis-1,3-Dichloropropene	10.0	10.2	102	70-130	
methyl isobutyl ketone	10.0	10.6	106	70-130	
Toluene	10.0	9.56	96	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clic005.d

Lab ID: LCS 200-52936/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	9.78	98	70-130	
1,1,2-Trichloroethane	10.0	9.58	96	70-130	
Tetrachloroethene	10.0	9.58	96	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9	109	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	9.78	98	70-130	
Chlorobenzene	10.0	9.38	94	70-130	
Ethylbenzene	10.0	9.72	97	70-130	
m,p-Xylene	20.0	18.8	94	70-130	
Xylene, o-	10.0	9.51	95	70-130	
Styrene	10.0	9.95	100	70-130	
Bromoform	10.0	10.4	104	70-130	
Cumene	10.0	9.89	99	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.54	95	70-130	
n-Propylbenzene	10.0	10.3	103	70-130	
4-Ethyltoluene	10.0	10.5	105	70-130	
1,3,5-Trimethylbenzene	10.0	9.72	97	70-130	
2-Chlorotoluene	10.0	10.5	105	70-130	
tert-Butylbenzene	10.0	9.62	96	70-130	
1,2,4-Trimethylbenzene	10.0	9.66	97	70-130	
sec-Butylbenzene	10.0	9.87	99	70-130	
4-Isopropyltoluene	10.0	9.83	98	70-130	
1,3-Dichlorobenzene	10.0	8.97	90	70-130	
1,4-Dichlorobenzene	10.0	9.06	91	70-130	
Benzyl chloride	10.0	10.2	102	70-130	
n-Butylbenzene	10.0	10.7	107	70-130	
1,2-Dichlorobenzene	10.0	8.77	88	70-130	
1,2,4-Trichlorobenzene	10.0	8.65	87	70-130	
Hexachlorobutadiene	10.0	9.22	92	70-130	
Naphthalene	10.0	9.72	97	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab File ID: clic006.d Lab Sample ID: MB 200-52936/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: C.i Date Analyzed: 03/12/2013 18:12

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 200-52936/5	clic005.d	03/12/2013 17:19
774776CA02AF	280-39216-3	clic009.d	03/12/2013 20:50
785786CA02AF	280-39216-4	clic010.d	03/12/2013 21:43
774776CA01AH	280-39216-1	clic025.d	03/13/2013 10:54
785786CA01AH	280-39216-2	clic027.d	03/13/2013 12:40

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab File ID: cli001.d BFB Injection Date: 03/09/2013

Instrument ID: C.i BFB Injection Time: 13:46

Analysis Batch No.: 52836

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.3	
75	30.0 - 66.0% of mass 95	51.8	
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	0.1	(0.2)1
174	50.0 - 120.0% of mass 95	55.9	
175	4.0 - 9.0 % of mass 174	3.9	(7.0)1
176	93.0 - 101.0% of mass 174	53.7	(96.0)1
177	5.0 - 9.0% of mass 176	3.5	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-52836/3	cli003.d	03/09/2013	15:27
	IC 200-52836/4	cli004.d	03/09/2013	16:20
	IC 200-52836/5	cli005.d	03/09/2013	17:13
	IC 200-52836/6	cli006.d	03/09/2013	18:06
	ICIS 200-52836/7	cli007.d	03/09/2013	18:58
	IC 200-52836/8	cli008.d	03/09/2013	19:51
	IC 200-52836/9	cli009.d	03/09/2013	20:44
	IC 200-52836/10	cli010.d	03/09/2013	21:37
	ICV 200-52836/13	cli013.d	03/10/2013	00:15

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab File ID: clic001.d BFB Injection Date: 03/12/2013

Instrument ID: C.i BFB Injection Time: 13:49

Analysis Batch No.: 52936

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.2	
75	30.0 - 66.0% of mass 95	53.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.1	(0.2)1
174	50.0 - 120.0% of mass 95	57.6	
175	4.0 - 9.0 % of mass 174	4.0	(7.0)1
176	93.0 - 101.0% of mass 174	55.5	(96.4)1
177	5.0 - 9.0% of mass 176	3.6	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52936/2	clic002.d	03/12/2013	14:40
	LCS 200-52936/5	clic005.d	03/12/2013	17:19
	MB 200-52936/6	clic006.d	03/12/2013	18:12
774776CA02AF	280-39216-3	clic009.d	03/12/2013	20:50
785786CA02AF	280-39216-4	clic010.d	03/12/2013	21:43
774776CA01AH	280-39216-1	clic025.d	03/13/2013	10:54
785786CA01AH	280-39216-2	clic027.d	03/13/2013	12:40

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Sample No.: ICIS 200-52836/7 Date Analyzed: 03/09/2013 18:58

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): cli007.d Heated Purge: (Y/N) N

Calibration ID: 20741

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		363637	11.96	2136717	13.78	1956844	19.30
UPPER LIMIT		509092	12.29	2991404	14.11	2739582	19.63
LOWER LIMIT		218182	11.63	1282030	13.45	1174106	18.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-52836/13		440717	11.96	2521333	13.78	2190412	19.30

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Sample No.: CCVIS 200-52936/2 Date Analyzed: 03/12/2013 14:40

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clic002.d Heated Purge: (Y/N) N

Calibration ID: 20741

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		326420	11.96	1905277	13.78	1720415	19.30
UPPER LIMIT		456988	12.29	2667388	14.11	2408581	19.63
LOWER LIMIT		195852	11.63	1143166	13.45	1032249	18.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52936/5		339706	11.96	1973586	13.78	1782919	19.30
MB 200-52936/6		313749	11.95	1843853	13.78	1659995	19.30
280-39216-3	774776CA02AF	292695	11.96	1680283	13.78	1411487	19.30
280-39216-4	785786CA02AF	280236	11.95	1632196	13.78	1510446	19.30
280-39216-1	774776CA01AH	244591	11.95	1404362	13.78	1190483	19.30
280-39216-2	785786CA01AH	259251	11.96	1535241	13.78	1356393	19.30

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA01AH Lab Sample ID: 280-39216-1

Matrix: Air Lab File ID: clic025.d

Analysis Method: TO-15 Date Collected: 02/15/2013 10:55

Sample wt/vol: 200(mL) Date Analyzed: 03/13/2013 10:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.95		0.50	0.020
75-45-6	Freon 22	86.47	9.3		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.72		0.50	0.034
106-97-8	n-Butane	58.12	1.4		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	5.2		0.20	0.021
76-13-1	Freon TF	187.38	0.065	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	12		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.84	J	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.069	J	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.30	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.076	J	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.15	J	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.45		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.61	J	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.17	J	0.20	0.020
110-82-7	Cyclohexane	84.16	0.11	J	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.29		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.078	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA01AH Lab Sample ID: 280-39216-1

Matrix: Air Lab File ID: clic025.d

Analysis Method: TO-15 Date Collected: 02/15/2013 10:55

Sample wt/vol: 200(mL) Date Analyzed: 03/13/2013 10:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	3.7		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.046	J	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA01AH Lab Sample ID: 280-39216-1

Matrix: Air Lab File ID: clic025.d

Analysis Method: TO-15 Date Collected: 02/15/2013 10:55

Sample wt/vol: 200(mL) Date Analyzed: 03/13/2013 10:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA01AH Lab Sample ID: 280-39216-1

Matrix: Air Lab File ID: clic025.d

Analysis Method: TO-15 Date Collected: 02/15/2013 10:55

Sample wt/vol: 200(mL) Date Analyzed: 03/13/2013 10:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	4.7		2.5	0.099
75-45-6	Freon 22	86.47	33		1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.5		1.0	0.070
106-97-8	n-Butane	58.12	3.4		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	29		1.1	0.12
76-13-1	Freon TF	187.38	0.50	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	28		12	0.95
67-63-0	Isopropyl alcohol	60.10	2.1	J	12	0.19
75-15-0	Carbon disulfide	76.14	0.21	J	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.0	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.27	J	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	0.45	J	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	2.2		0.98	0.12
109-99-9	Tetrahydrofuran	72.11	1.8	J	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.91	J	1.1	0.11
110-82-7	Cyclohexane	84.16	0.38	J	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.8		1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.25	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA01AH Lab Sample ID: 280-39216-1

Matrix: Air Lab File ID: clic025.d

Analysis Method: TO-15 Date Collected: 02/15/2013 10:55

Sample wt/vol: 200(mL) Date Analyzed: 03/13/2013 10:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	20		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.17	J	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA01AH Lab Sample ID: 280-39216-1

Matrix: Air Lab File ID: clic025.d

Analysis Method: TO-15 Date Collected: 02/15/2013 10:55

Sample wt/vol: 200(mL) Date Analyzed: 03/13/2013 10:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39216-1
Client Smp ID: 774776CA01AH
Inj Date : 13-MAR-2013 10:54
Operator : wrd Inst ID: C.i
Smp Info : 280-39216-A-1
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/to15v5.m
Meth Date : 13-Mar-2013 14:10 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.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)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	79029	0.94575	0.95
3 Chlorodifluoromethane	51	4.330	4.341	(0.362)	417908	9.27031	9.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.773	4.779	(0.399)	18194	0.72286	0.72
6 Butane	43	5.035	5.046	(0.421)	59620	1.43022	1.4
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.775	6.785	(0.567)	429233	5.21800	5.2
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.933	7.944	(0.664)	3500	0.06518	0.065(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.152	8.157	(0.682)	398777	11.9893	12

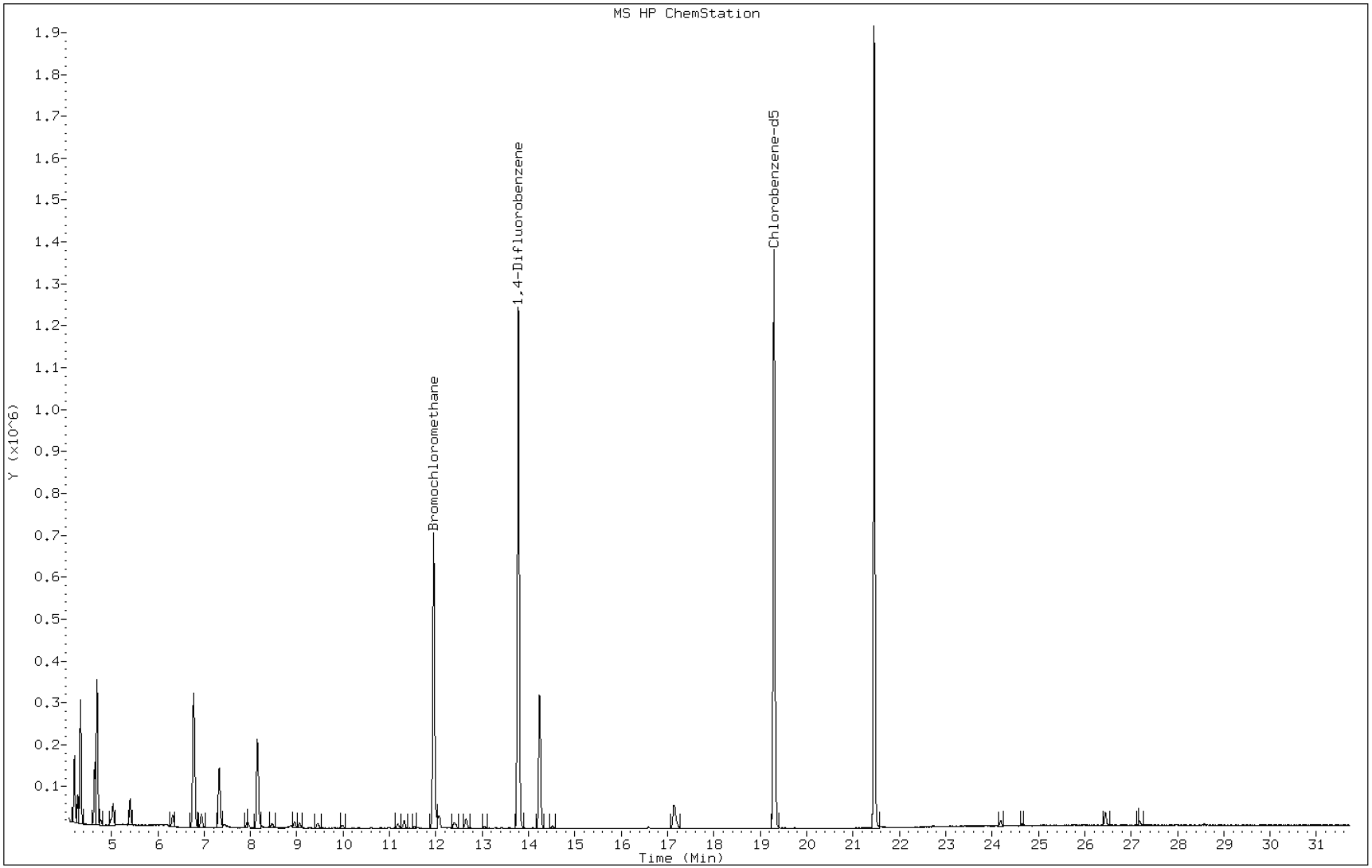
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	21 Carbon disulfide	76	8.402	8.408	(0.703)	5436	0.06882	0.069(a)
	22 Isopropanol	45	8.466	8.461	(0.708)	20422	0.83949	0.84(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.054	9.059	(0.758)	8971	0.30107	0.30(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.998	9.998	(0.837)	3502	0.07588	0.076(aQ)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	1907	0.15104	0.15(aQ)
*	37 Bromochloromethane	128	11.951	11.957	(1.000)	244591	10.0000	
	38 Tetrahydrofuran	42	12.021	12.016	(0.873)	15409	0.61299	0.61(a)
	39 Chloroform	83	12.074	12.074	(1.010)	28533	0.44946	0.45
	40 Cyclohexane	84	12.421	12.427	(0.902)	4573	0.11015	0.11(aQ)
	41 1,1,1-Trichloroethane	97	12.394	12.395	(0.900)	11640	0.16697	0.17(a)
	42 Carbon tetrachloride	117	12.656	12.656	(0.919)	21208	0.28682	0.29
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	13.046	13.051	(0.947)	7624	0.07814	0.078(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1404362	10.0000	
	49 Trichloroethene	95	14.236	14.241	(1.033)	166699	3.72986	3.7
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.589	16.589	(0.860)	2820	0.04610	0.046(a)
	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	19.295	19.295	(1.000)	1190483	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clic025.d	Date:	13-MAR-2013 10:54
Client ID:	774776CA01AH	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39216-A-1		
Lab Sample ID:	280-39216-1		



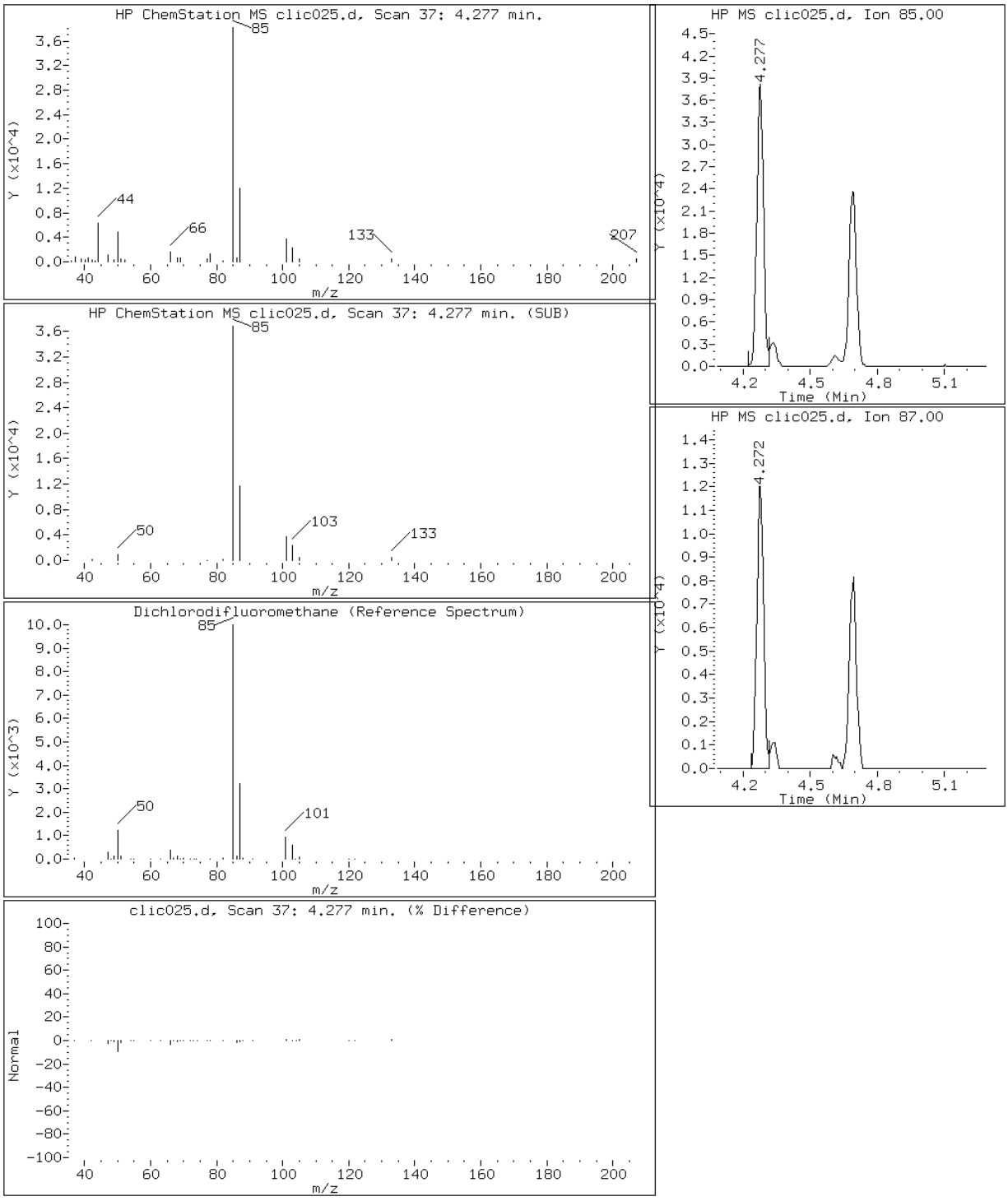
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

2 Dichlorodifluoromethane



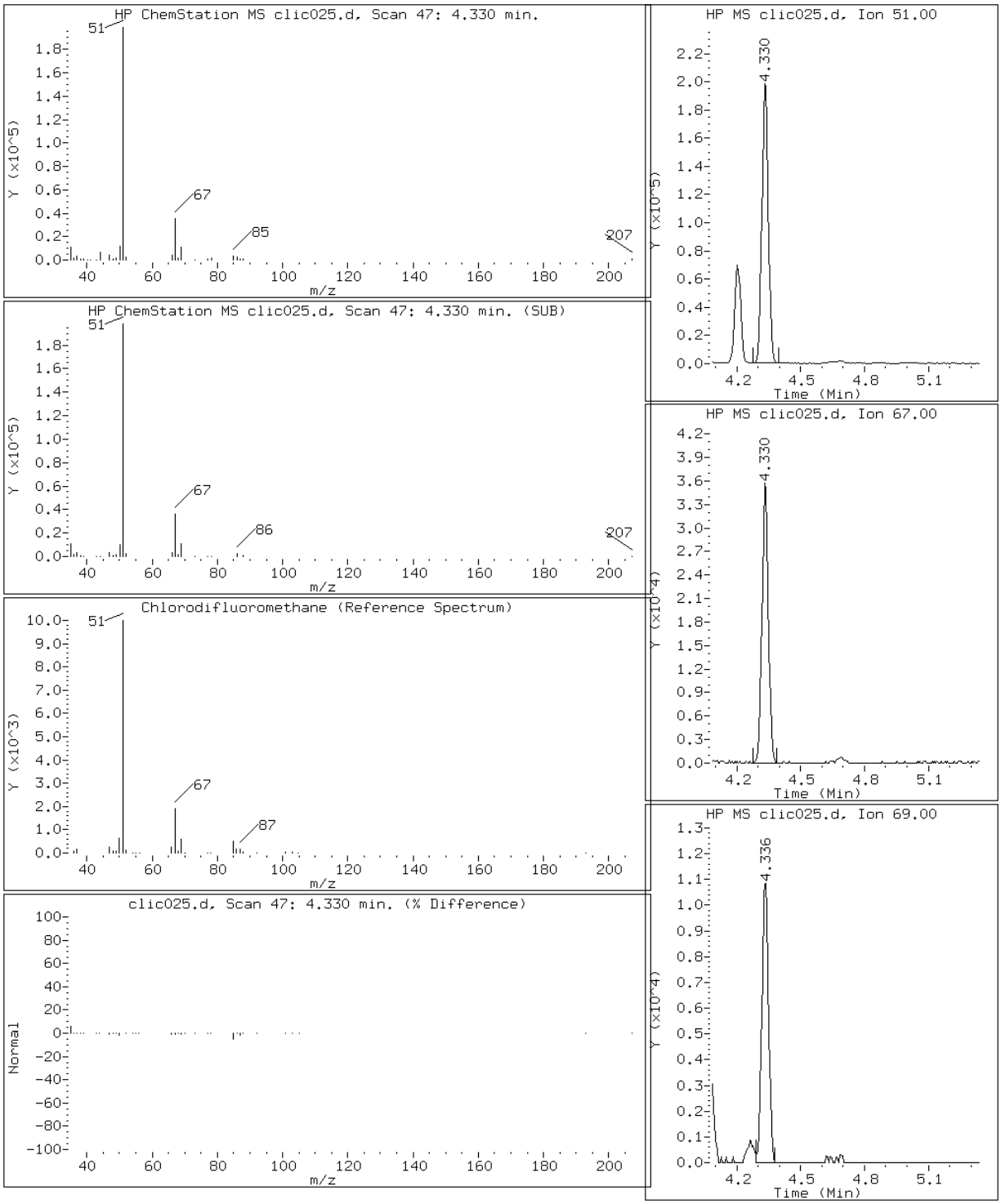
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

3 Chlorodifluoromethane



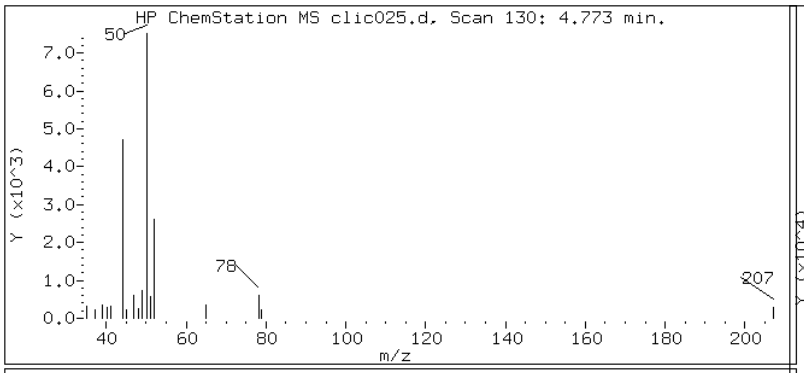
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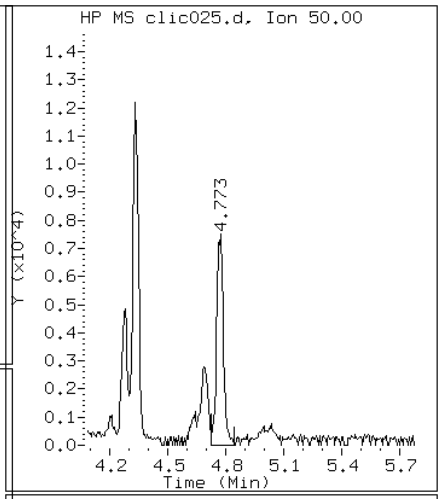
Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

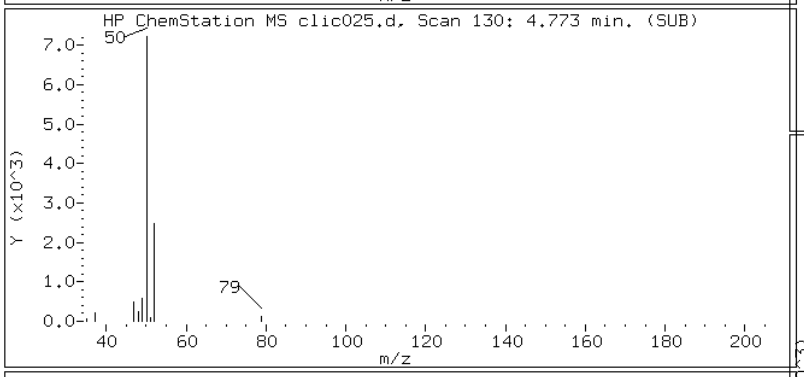
Client ID: 774776CA01AH Instrument: C.i

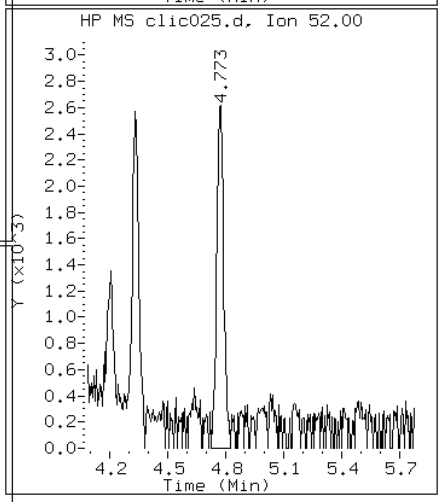
Sample Info: 280-39216-A-1 Operator: wrd

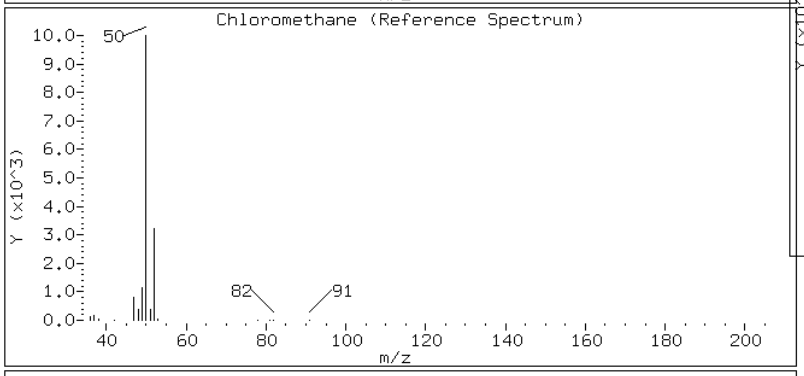
5 Chloromethane

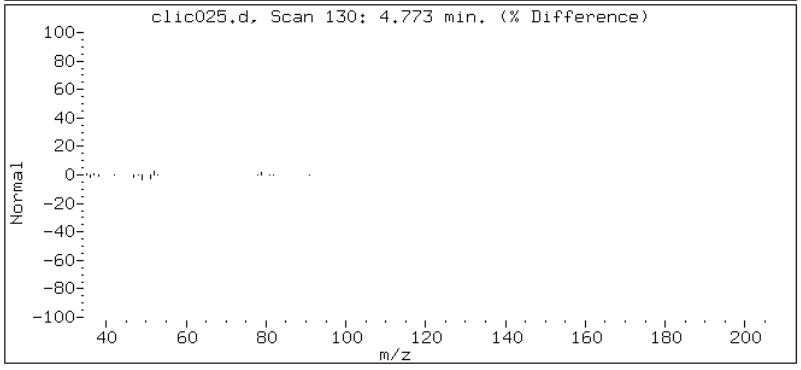












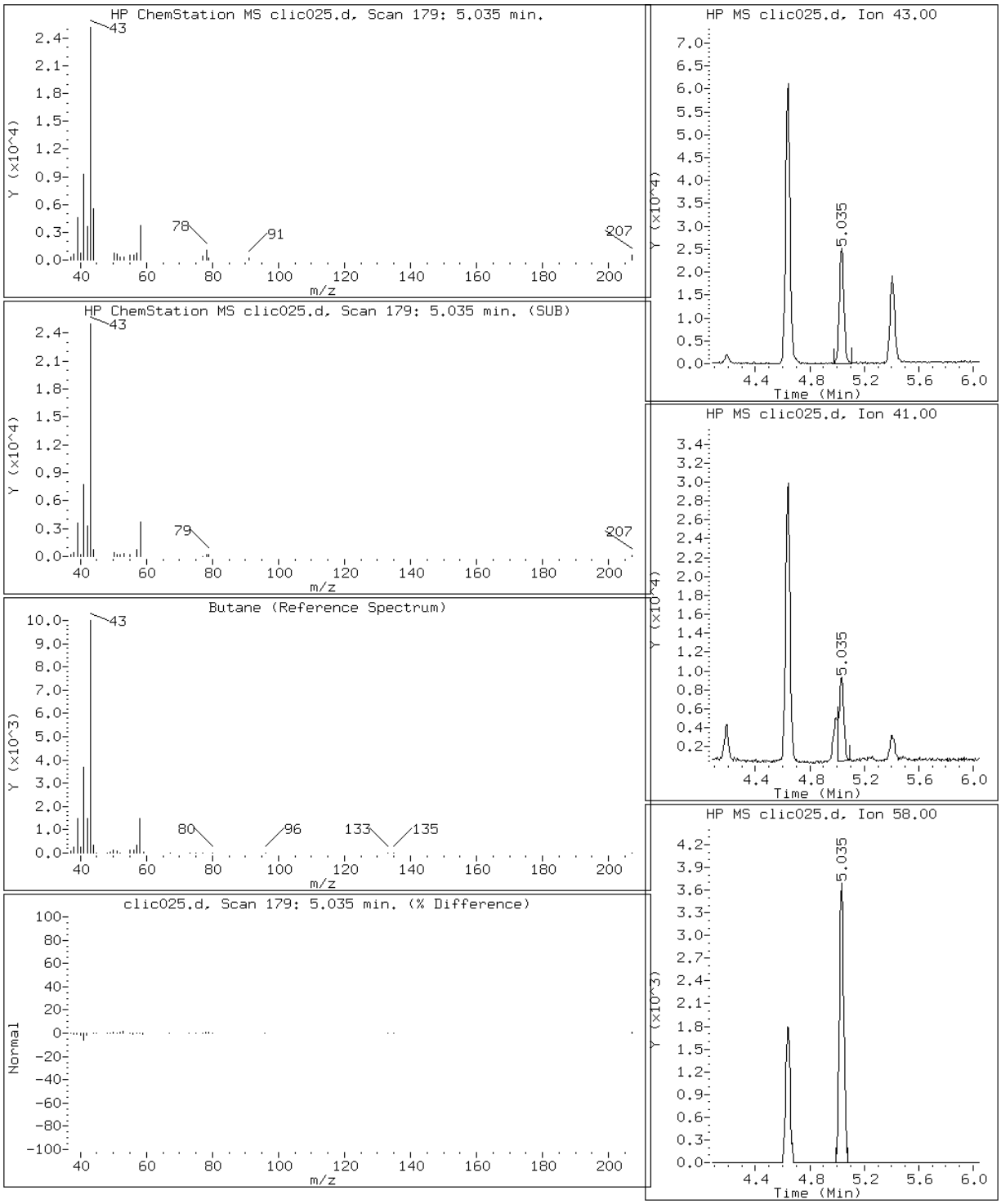
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

6 Butane



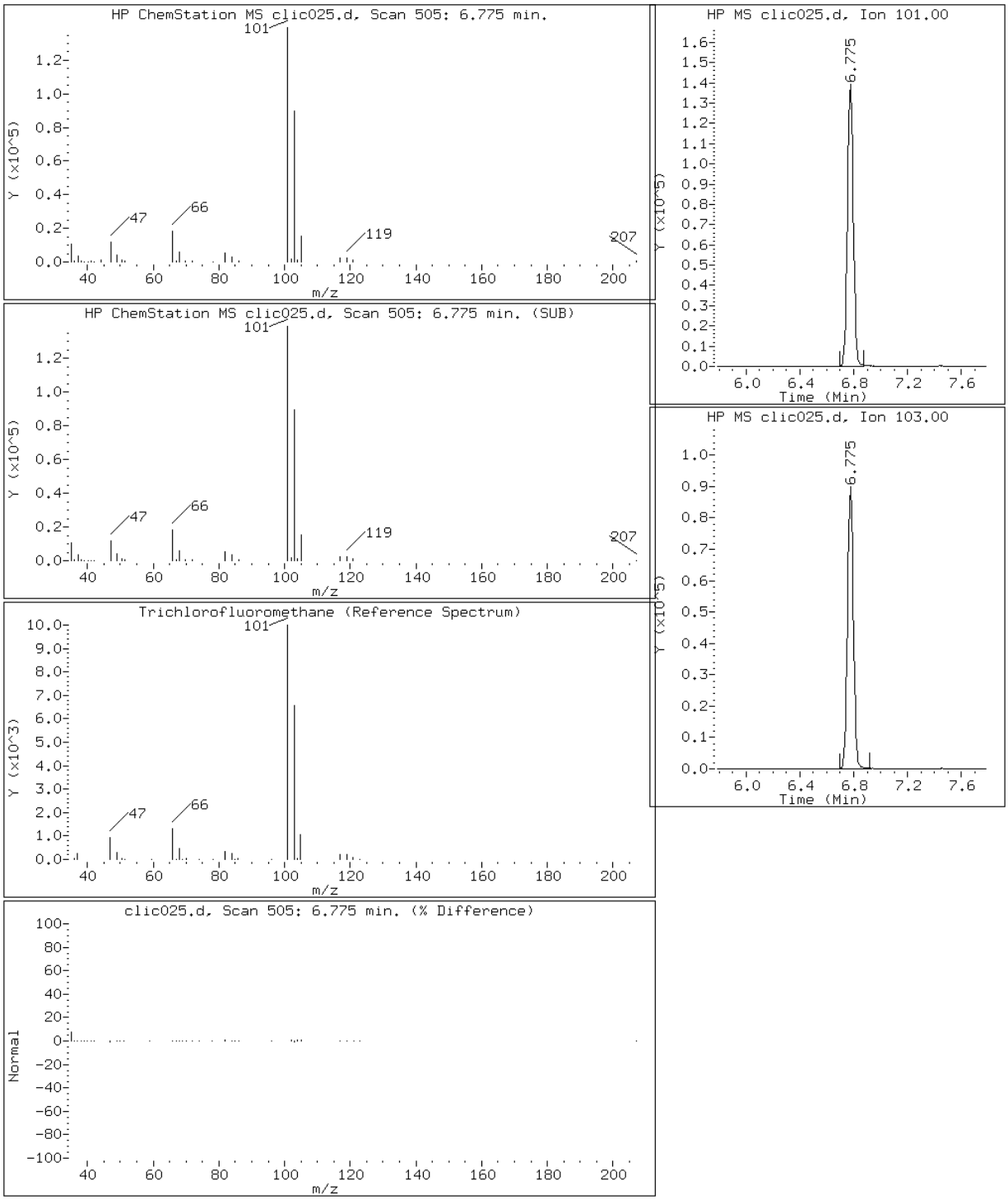
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

13 Trichlorofluoromethane



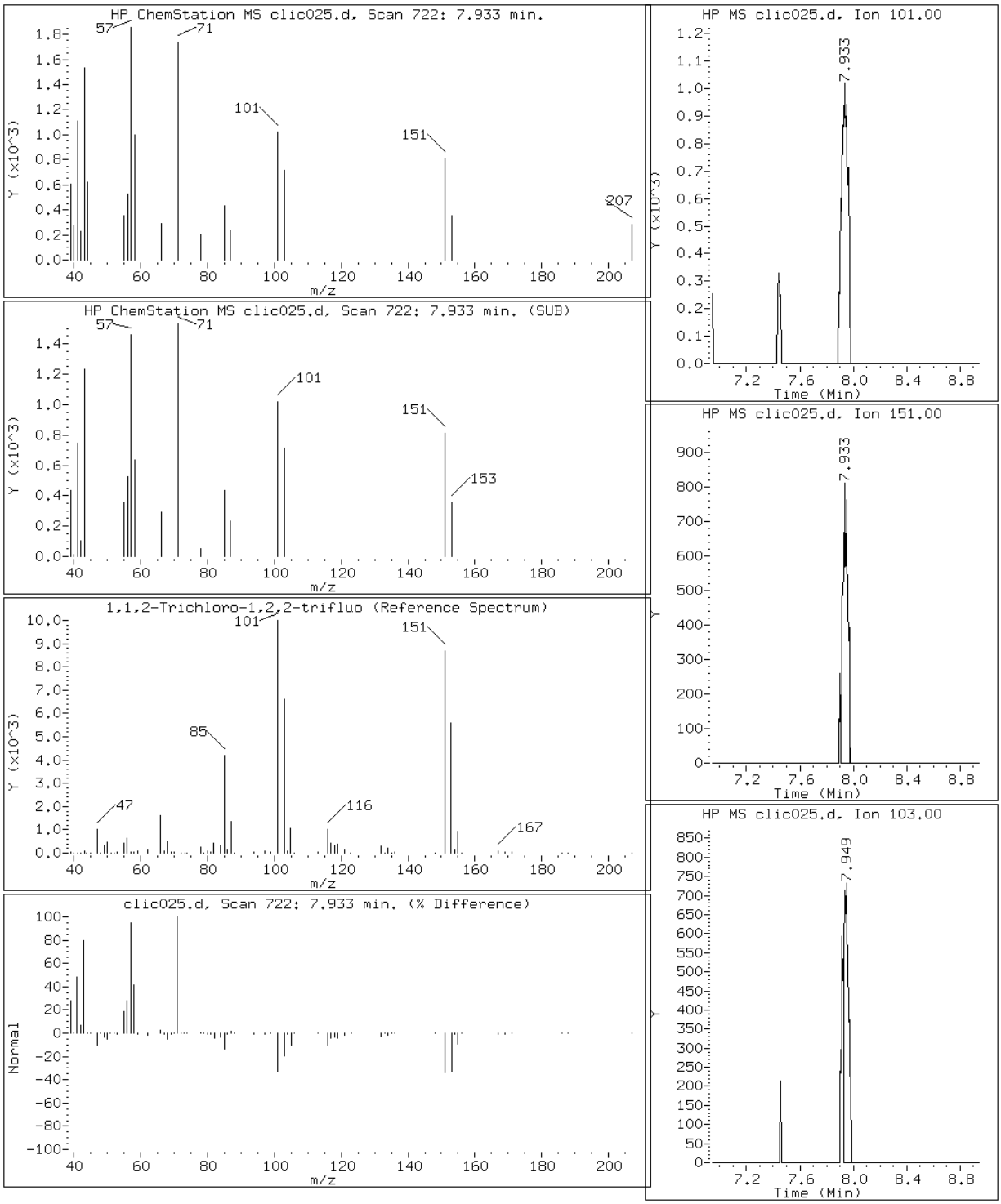
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



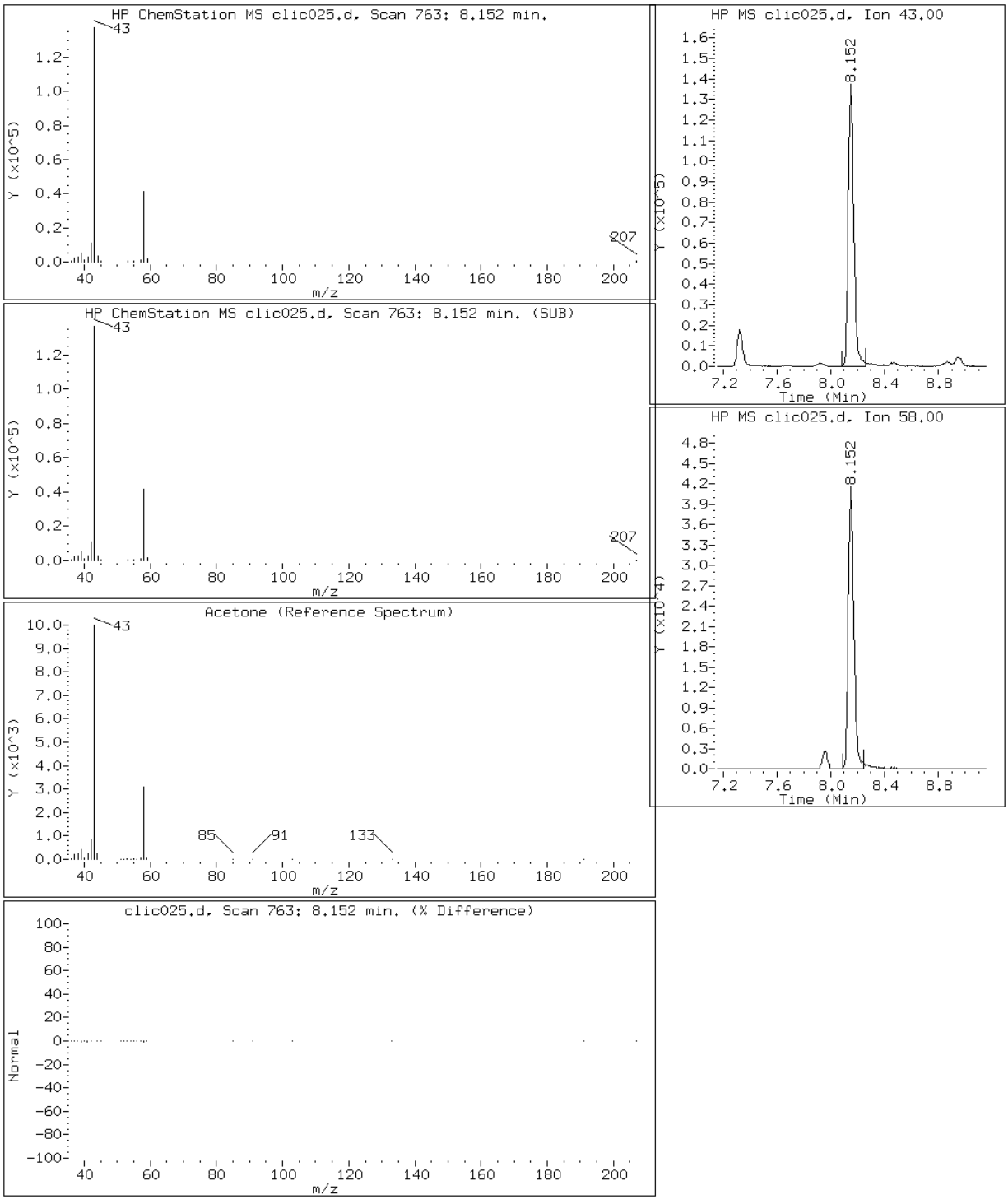
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

20 Acetone



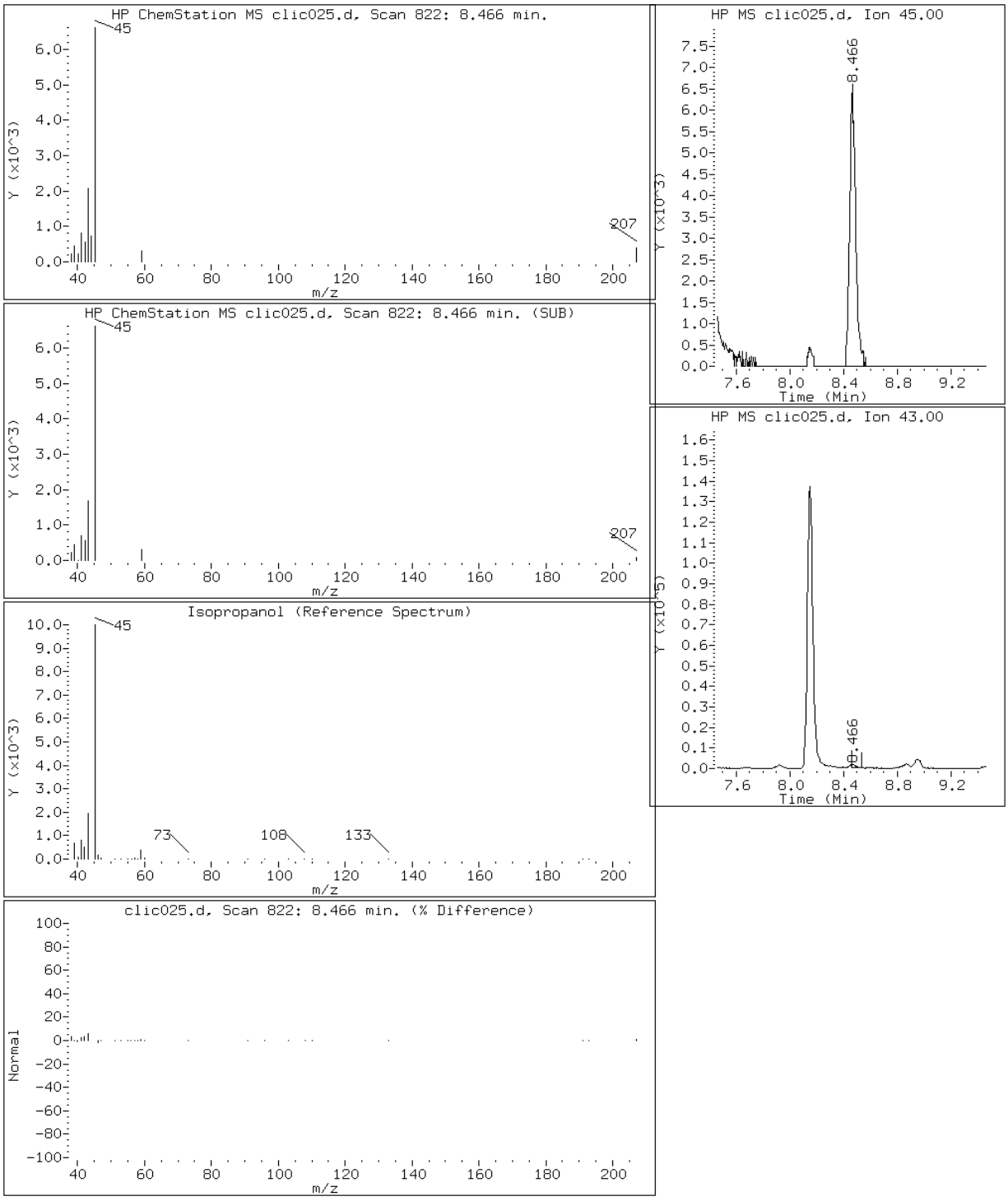
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

22 Isopropanol



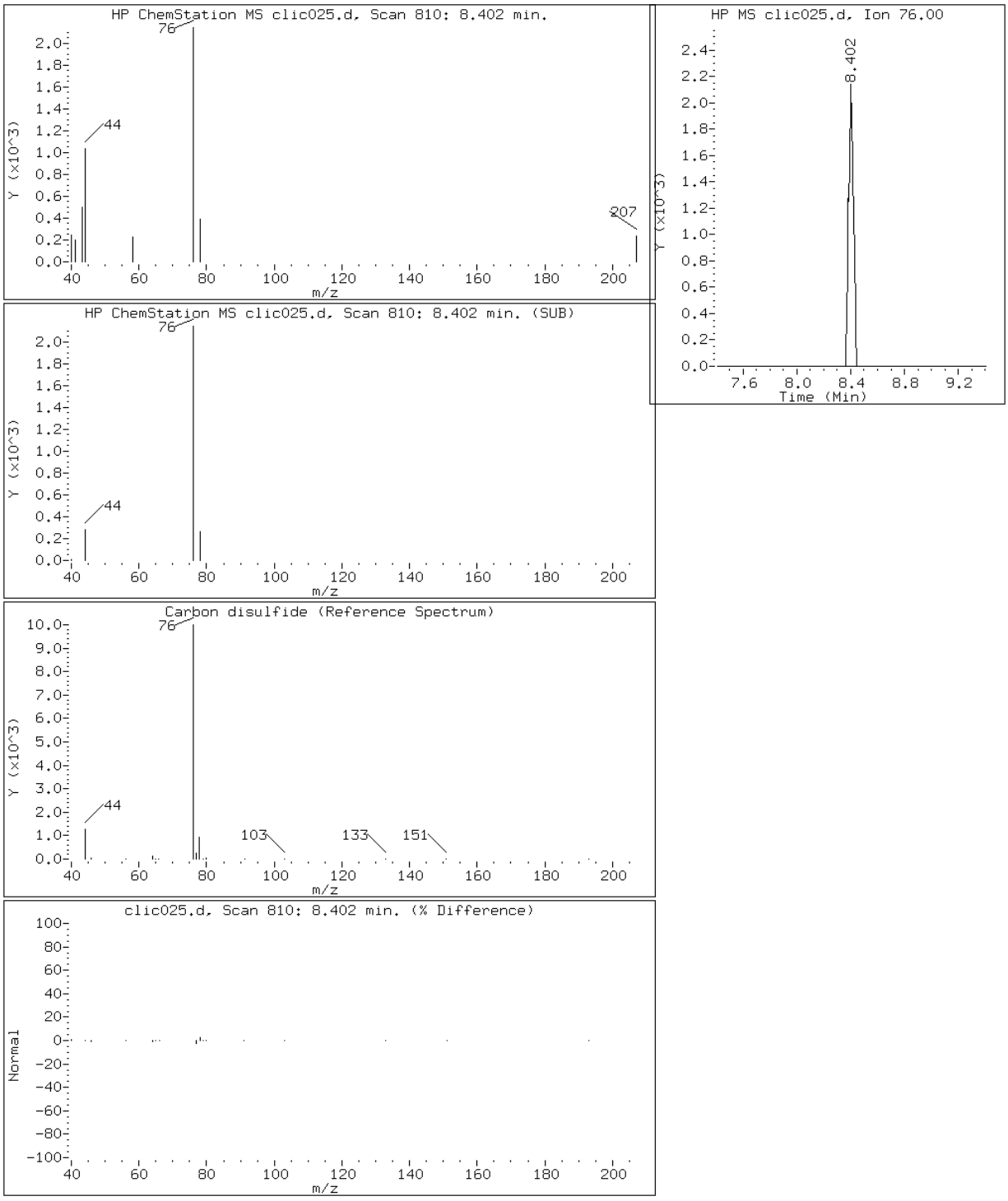
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

21 Carbon disulfide



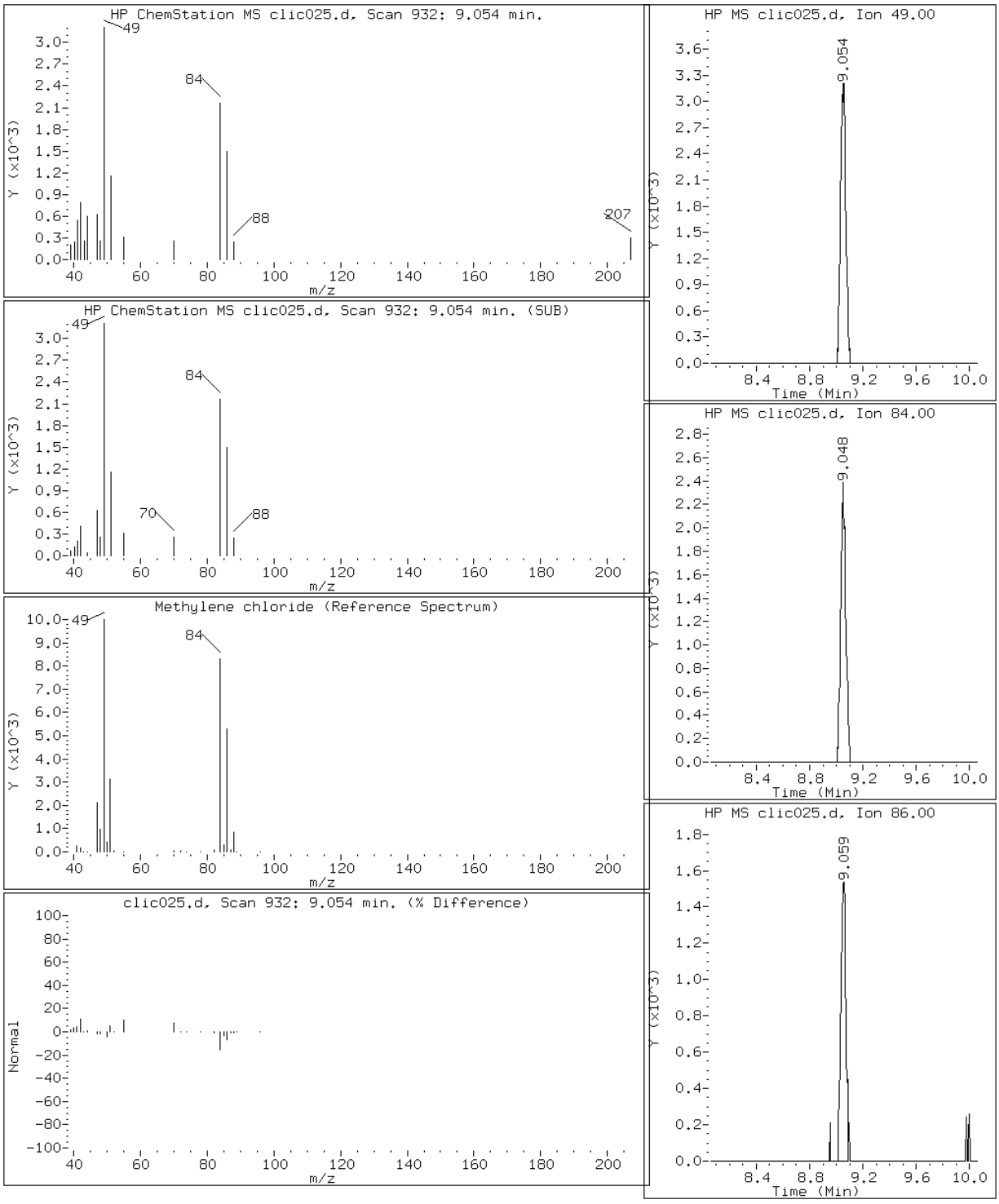
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

25 Methylene chloride



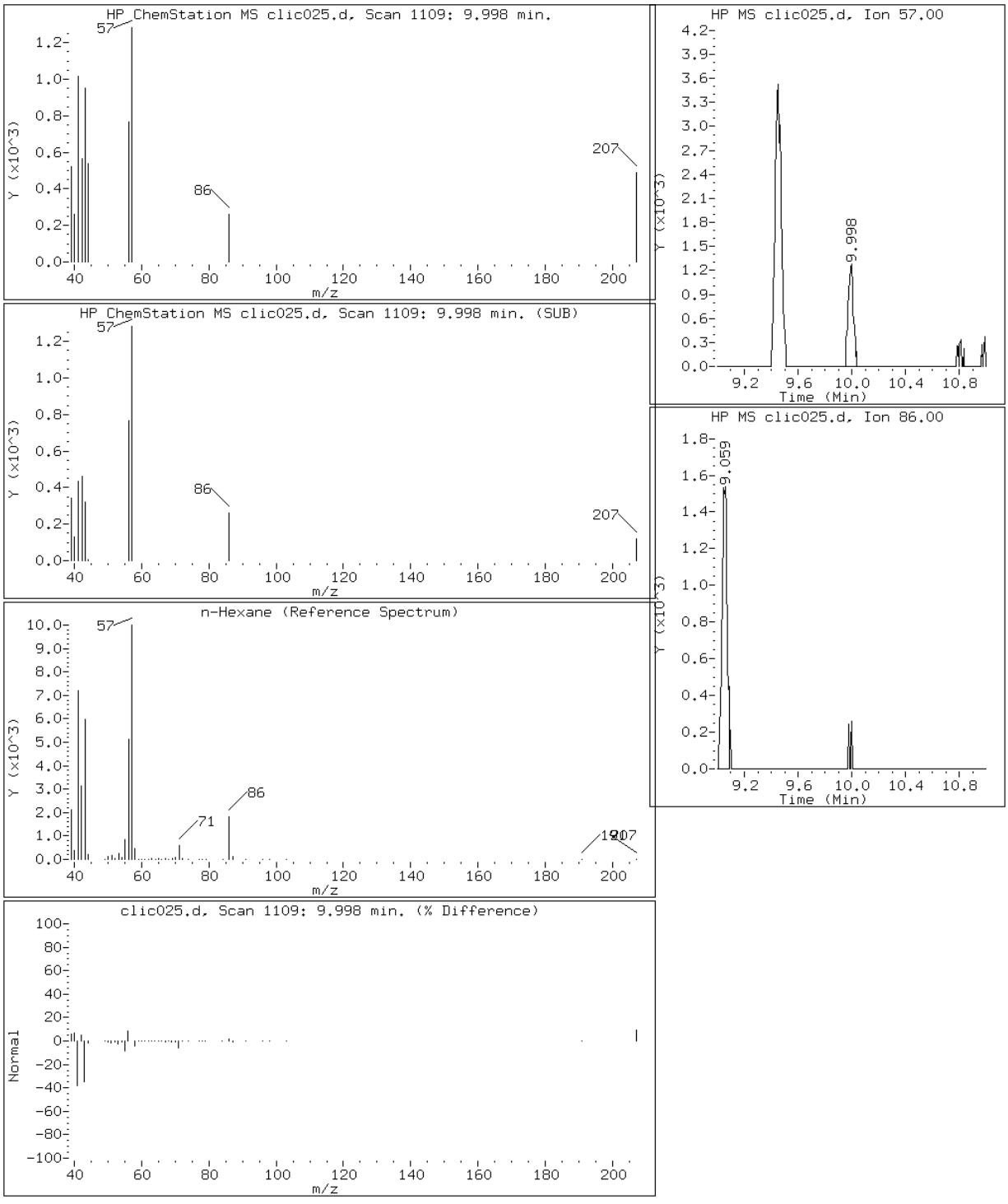
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

30 n-Hexane



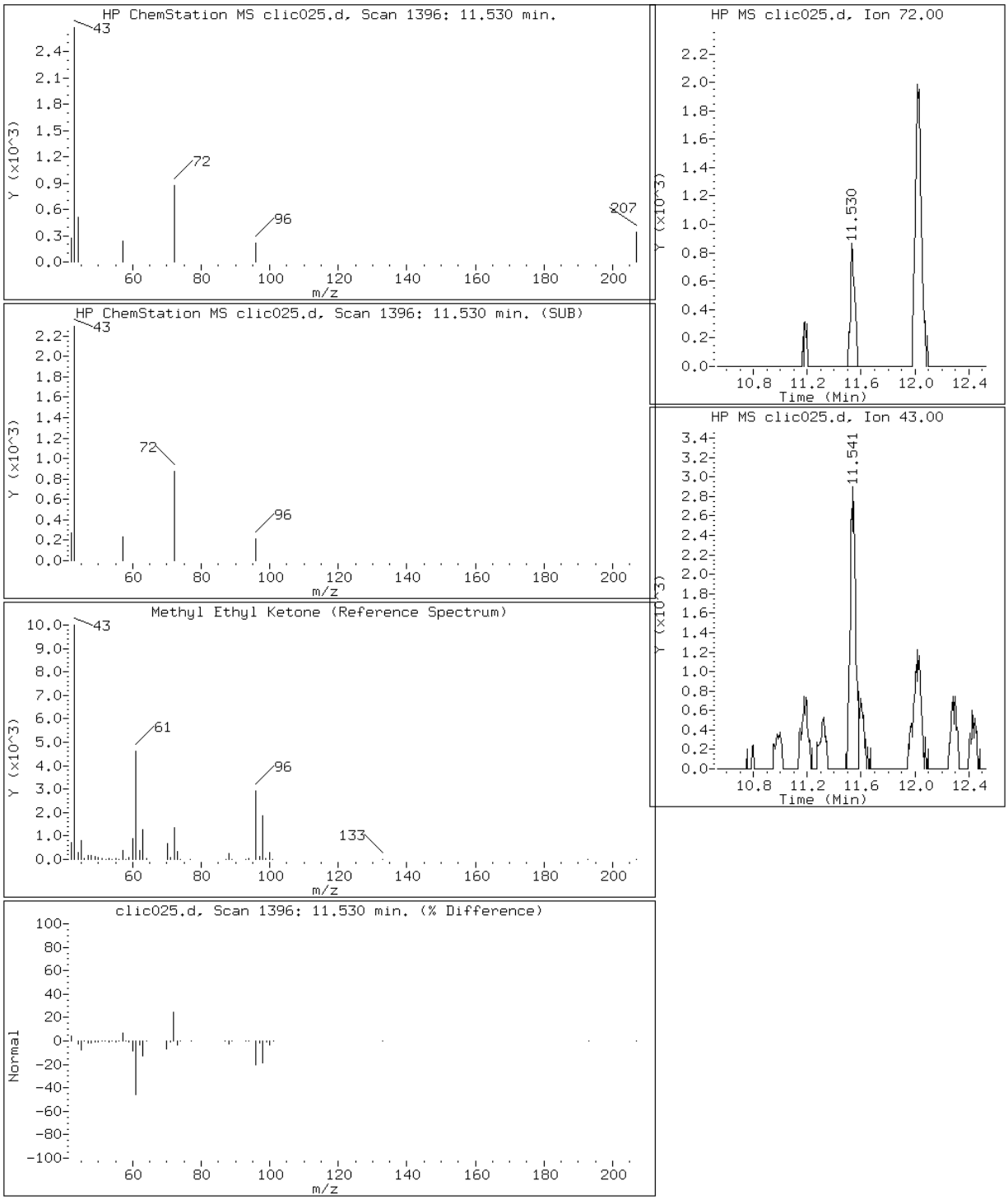
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

36 Methyl Ethyl Ketone



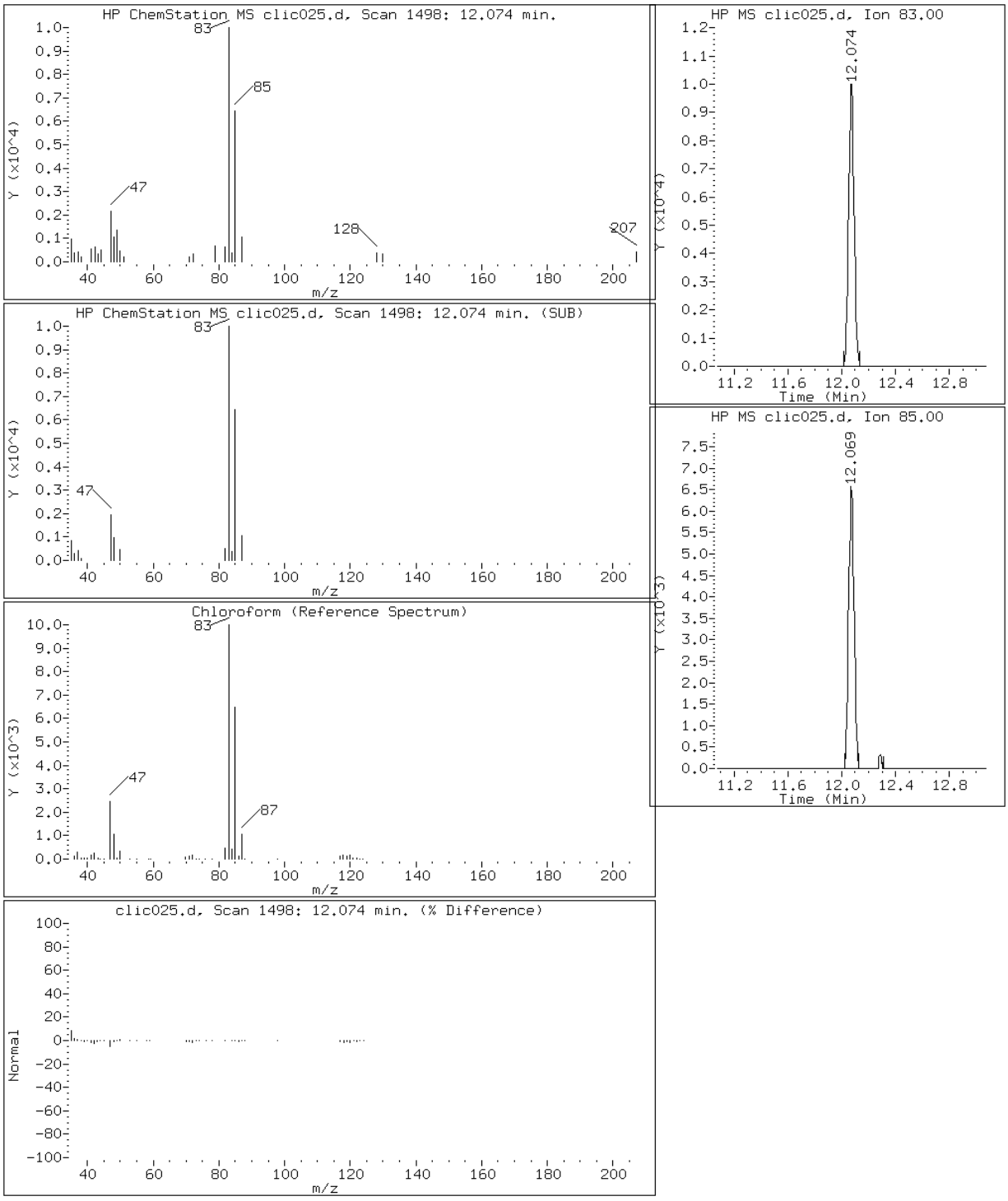
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

39 Chloroform



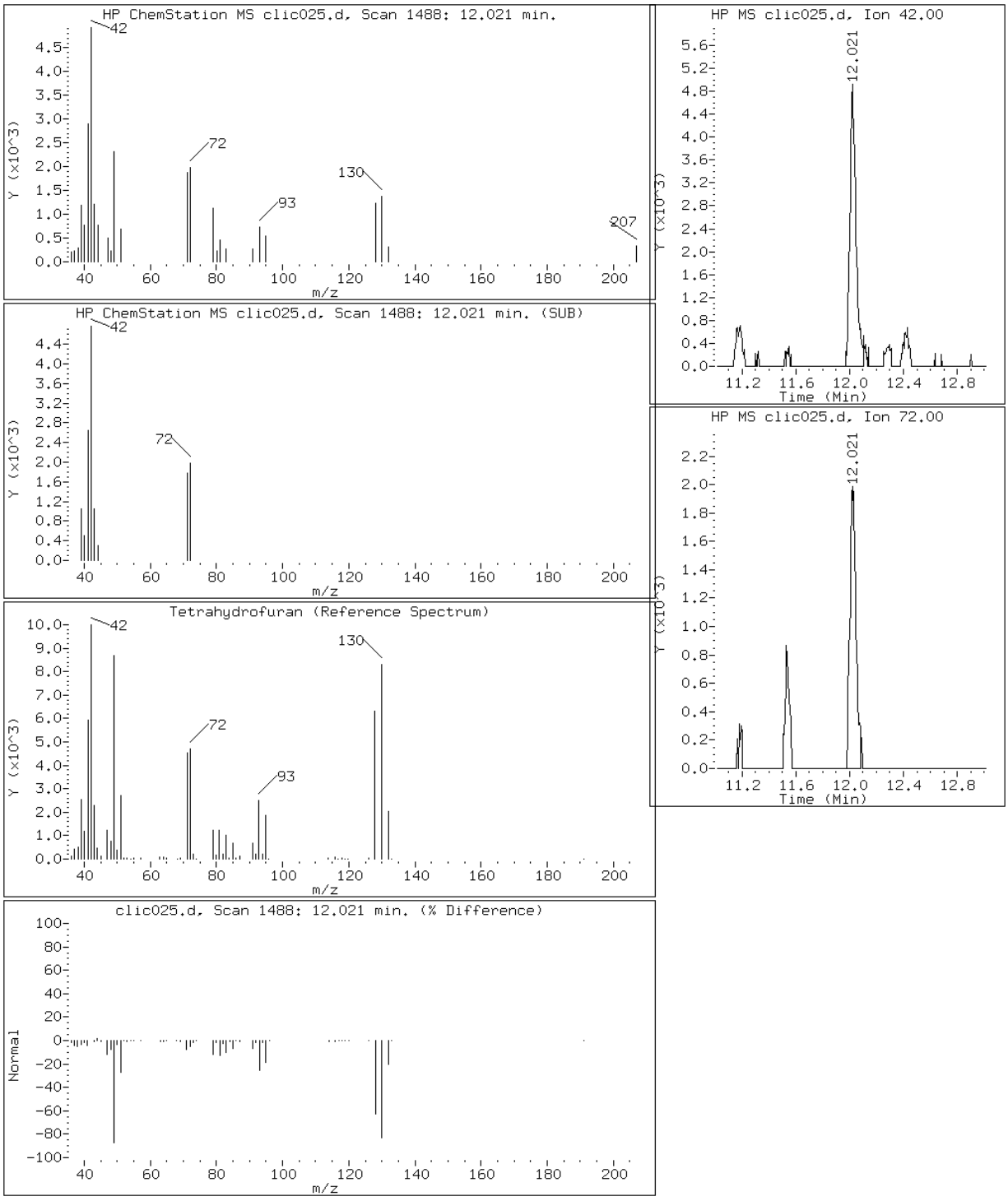
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

38 Tetrahydrofuran



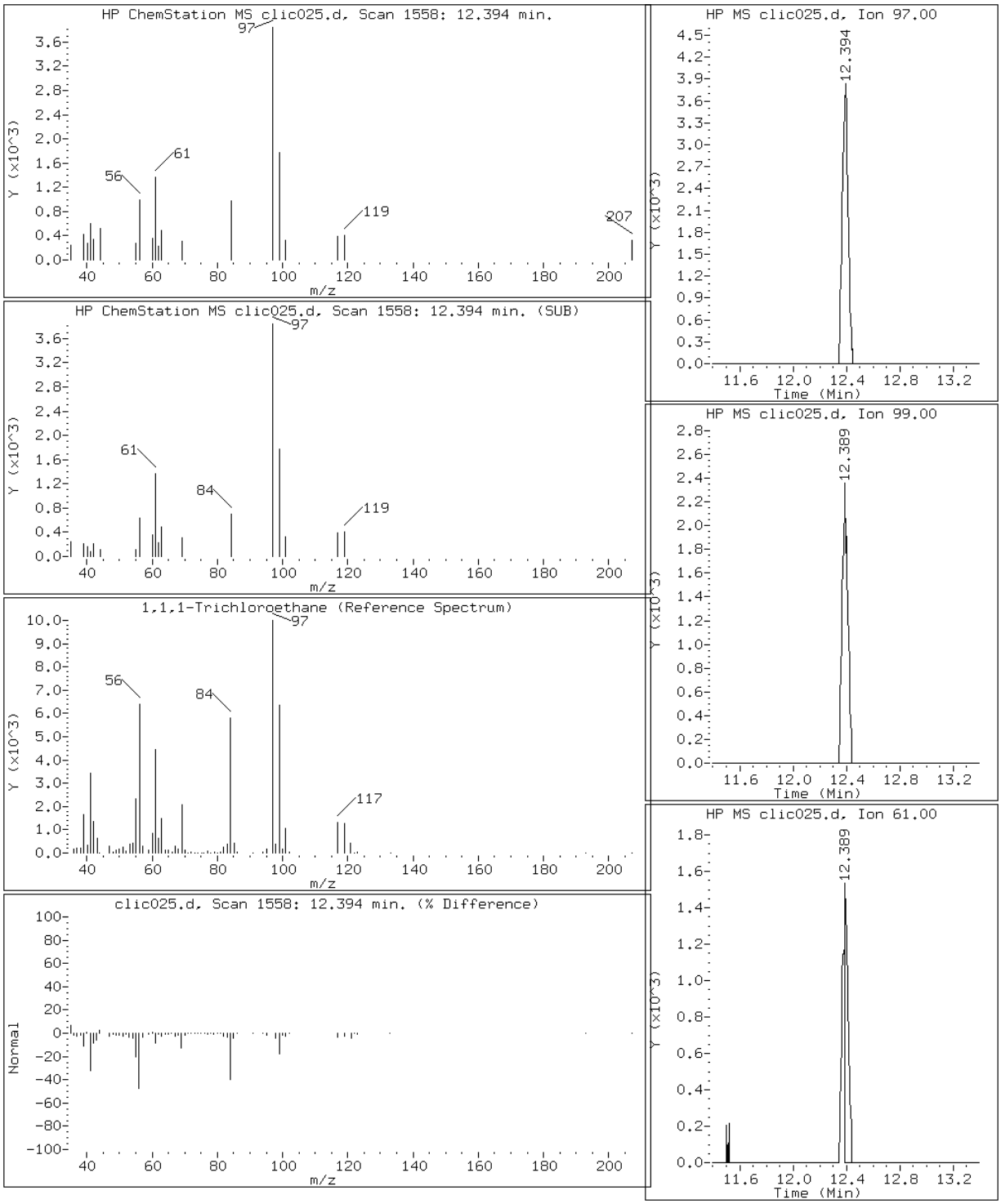
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

41 1,1,1-Trichloroethane



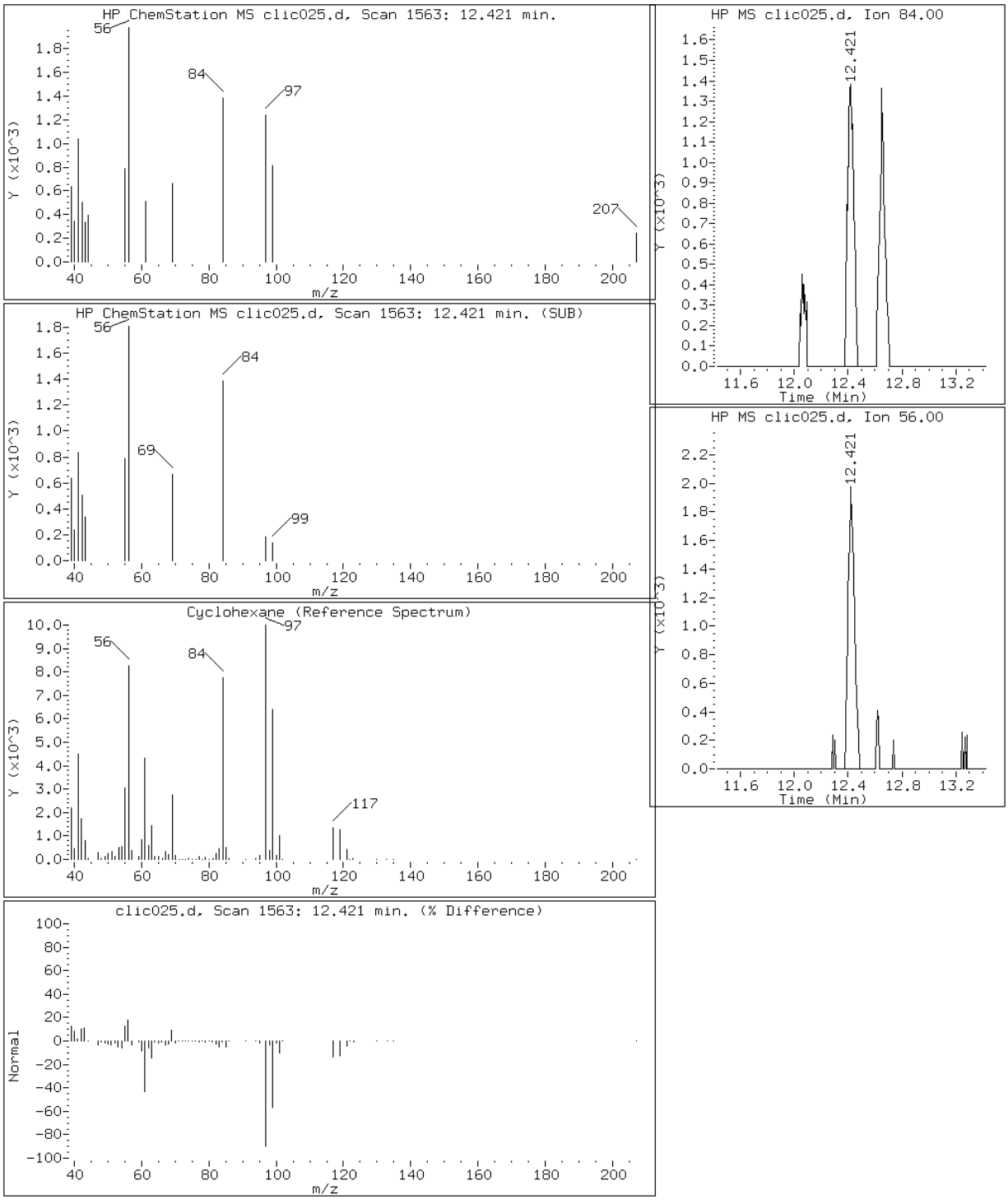
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

40 Cyclohexane



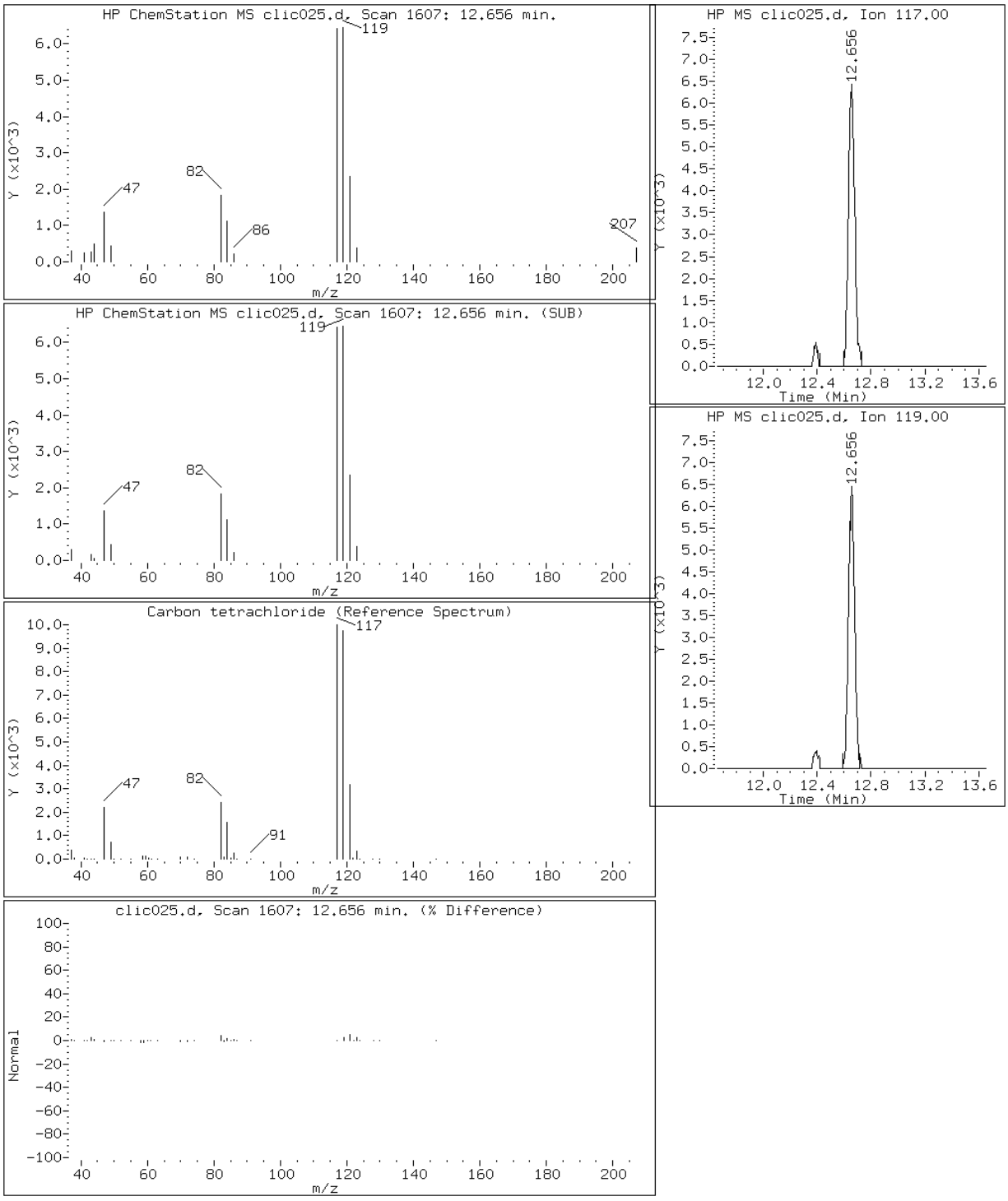
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

42 Carbon tetrachloride



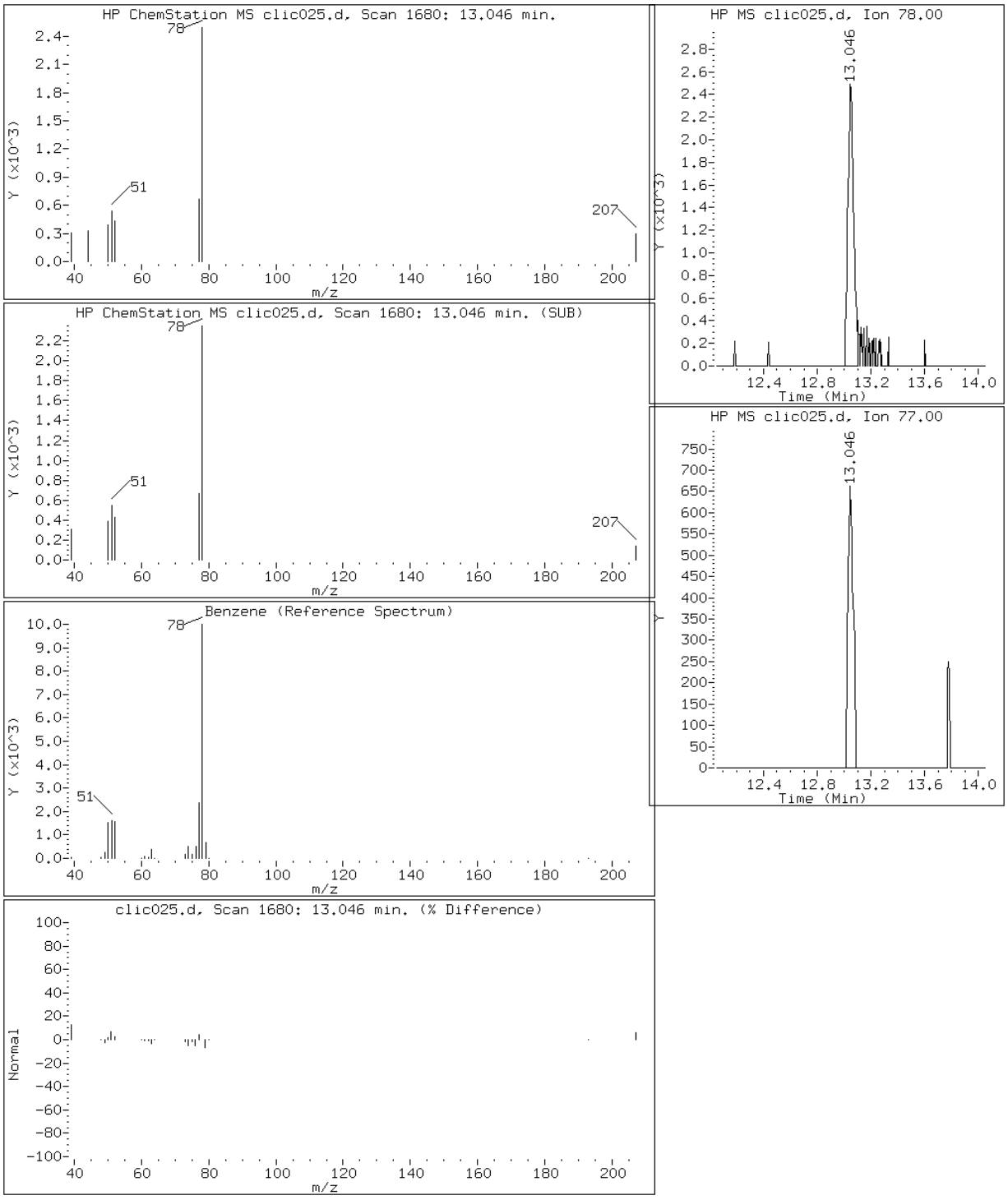
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

44 Benzene



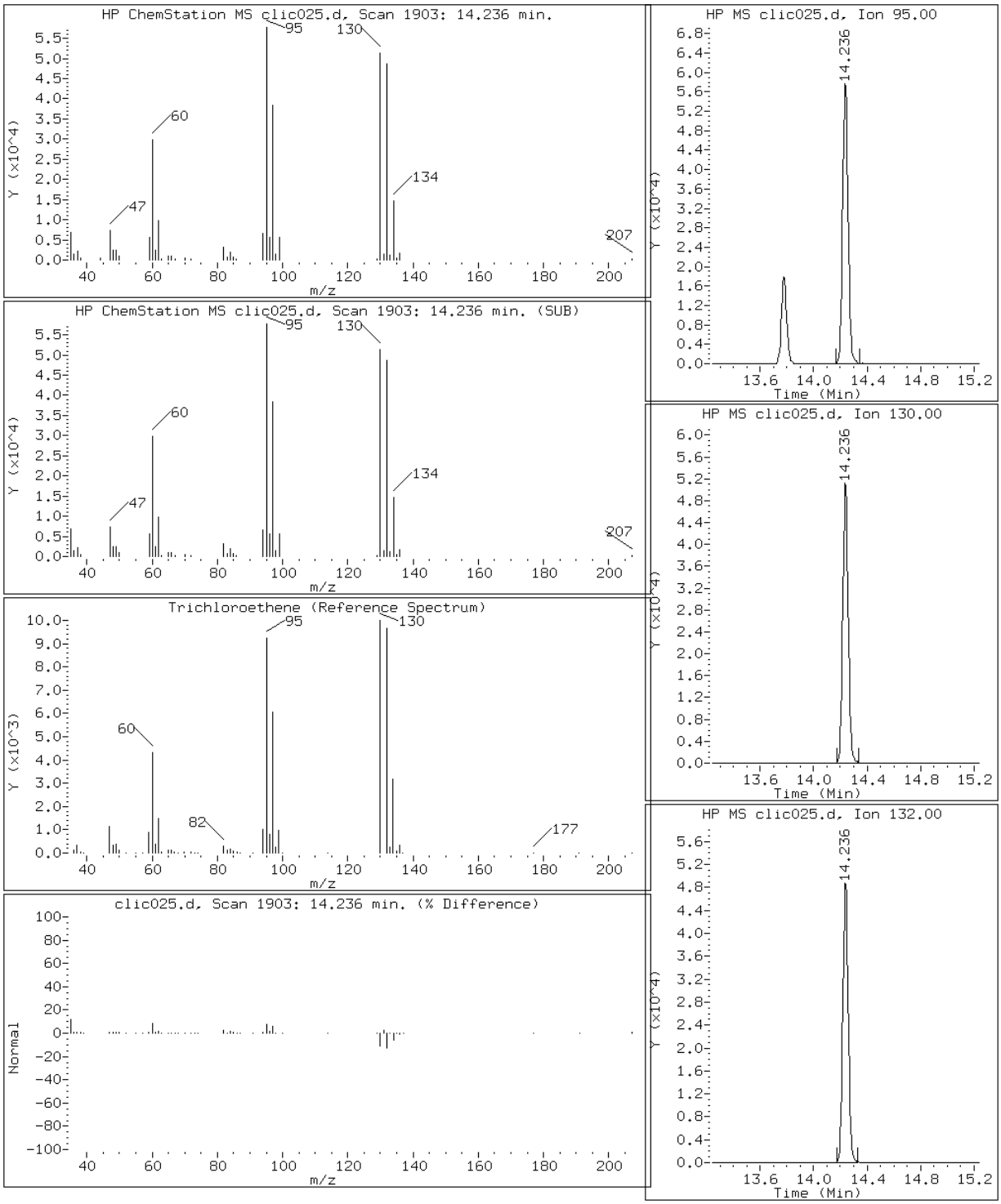
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

49 Trichloroethene



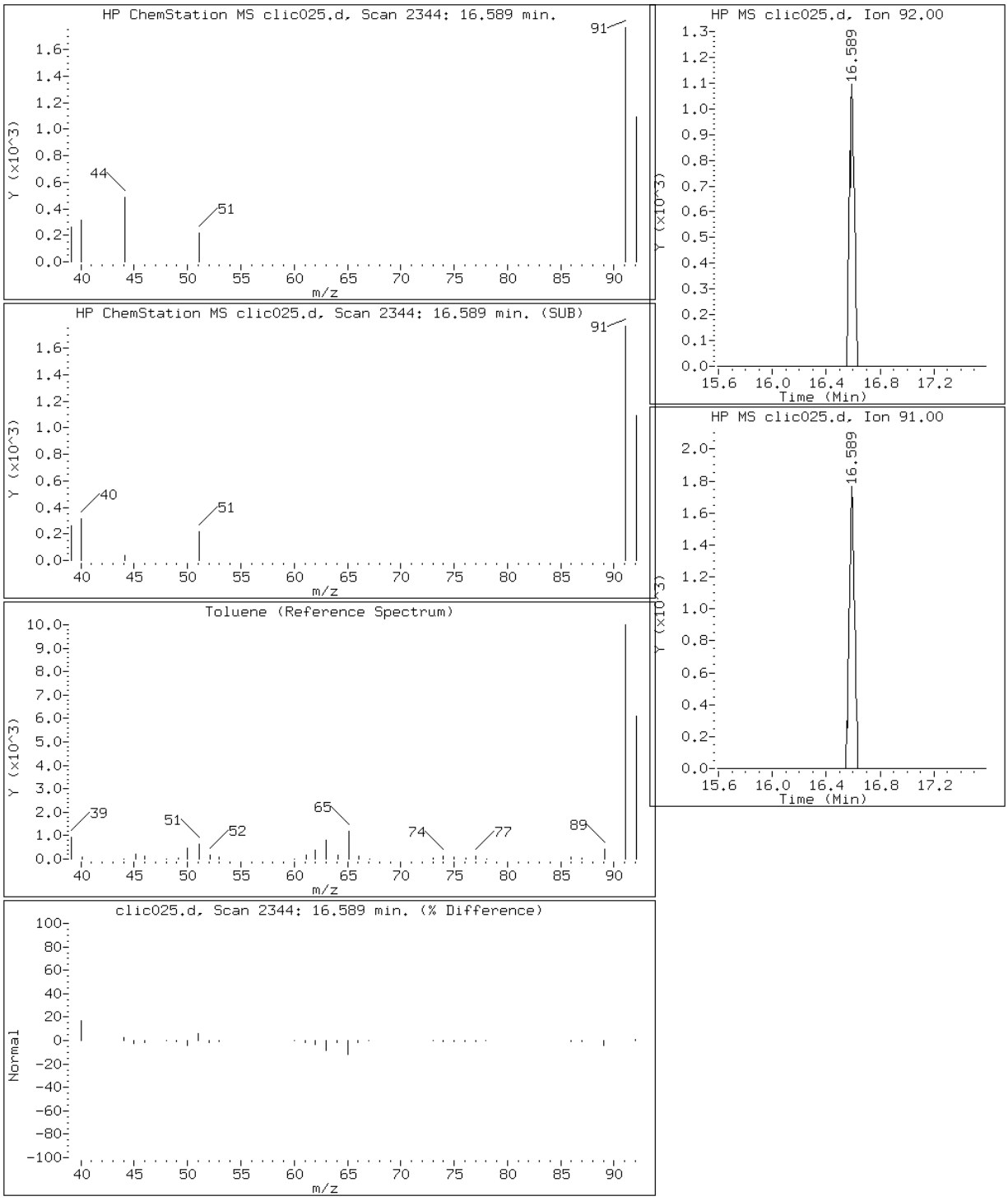
Data File: clic025.d

Lab Sample ID: 280-39216-1 Date: 13-MAR-2013 10:54

Client ID: 774776CA01AH Instrument: C.i

Sample Info: 280-39216-A-1 Operator: wrd

58 Toluene



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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA01AH Lab Sample ID: 280-39216-2

Matrix: Air Lab File ID: clic027.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:35

Sample wt/vol: 100(mL) Date Analyzed: 03/13/2013 12:40

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.66	J	1.0	0.040
75-45-6	Freon 22	86.47	0.35	J	1.0	0.046
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.16	U	0.40	0.040
74-87-3	Chloromethane	50.49	0.28	J	1.0	0.068
106-97-8	n-Butane	58.12	1.2		1.0	0.044
75-01-4	Vinyl chloride	62.50	0.056	U	0.40	0.018
106-99-0	1,3-Butadiene	54.09	0.11	J	0.40	0.050
74-83-9	Bromomethane	94.94	0.16	U	0.40	0.054
75-00-3	Chloroethane	64.52	0.16	U	1.0	0.066
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.40	0.038
75-69-4	Trichlorofluoromethane	137.37	0.26	J	0.40	0.042
76-13-1	Freon TF	187.38	0.095	J	0.40	0.040
75-35-4	1,1-Dichloroethene	96.94	0.40	U	0.40	0.17
67-64-1	Acetone	58.08	47		10	0.80
67-63-0	Isopropyl alcohol	60.10	2.8	J	10	0.15
75-15-0	Carbon disulfide	76.14	0.16	U	1.0	0.040
107-05-1	3-Chloropropene	76.53	0.16	U	1.0	0.094
75-09-2	Methylene Chloride	84.93	0.16	U	1.0	0.046
75-65-0	tert-Butyl alcohol	74.12	0.16	U	10	0.082
1634-04-4	Methyl tert-butyl ether	88.15	0.080	U	0.40	0.030
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.40	0.046
110-54-3	n-Hexane	86.17	6.3		0.40	0.040
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.40	0.046
78-93-3	Methyl Ethyl Ketone	72.11	0.78	J	1.0	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.40	U	0.40	0.17
540-59-0	1,2-Dichloroethene, Total	96.94	0.13	J	0.40	0.046
67-66-3	Chloroform	119.38	0.16	U	0.40	0.048
109-99-9	Tetrahydrofuran	72.11	0.16	U	10	0.058
71-55-6	1,1,1-Trichloroethane	133.41	0.16	U	0.40	0.040
110-82-7	Cyclohexane	84.16	2.2		0.40	0.038
56-23-5	Carbon tetrachloride	153.81	0.072	J	0.40	0.026
540-84-1	2,2,4-Trimethylpentane	114.23	2.2		0.40	0.030
71-43-2	Benzene	78.11	0.22	J	0.40	0.036
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.40	0.036

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA01AH Lab Sample ID: 280-39216-2

Matrix: Air Lab File ID: clic027.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:35

Sample wt/vol: 100(mL) Date Analyzed: 03/13/2013 12:40

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	2.5		0.40	0.034
79-01-6	Trichloroethene	131.39	17		0.40	0.018
80-62-6	Methyl methacrylate	100.12	0.080	U	1.0	0.032
78-87-5	1,2-Dichloropropane	112.99	0.16	U	0.40	0.046
123-91-1	1,4-Dioxane	88.11	0.40	U	10	0.14
75-27-4	Bromodichloromethane	163.83	0.080	U	0.40	0.024
10061-01-5	cis-1,3-Dichloropropene	110.97	0.080	U	0.40	0.026
108-10-1	methyl isobutyl ketone	100.16	0.16	U	1.0	0.068
108-88-3	Toluene	92.14	0.26	J	0.40	0.028
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.40	0.030
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.40	0.032
127-18-4	Tetrachloroethene	165.83	0.97		0.40	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.16	U	1.0	0.080
124-48-1	Dibromochloromethane	208.29	0.080	U	0.40	0.022
106-93-4	1,2-Dibromoethane	187.87	0.080	U	0.40	0.028
108-90-7	Chlorobenzene	112.30	0.080	U	0.40	0.026
100-41-4	Ethylbenzene	106.17	0.080	U	0.40	0.030
179601-23-1	m,p-Xylene	106.17	0.23	J	1.0	0.044
95-47-6	Xylene, o-	106.17	0.092	J	0.40	0.032
1330-20-7	Xylene (total)	106.17	0.32	J	0.40	0.032
100-42-5	Styrene	104.15	0.080	U	0.40	0.022
75-25-2	Bromoform	252.75	0.056	U	0.40	0.014
98-82-8	Cumene	120.19	0.080	U	0.40	0.022
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.40	0.022
103-65-1	n-Propylbenzene	120.19	0.080	U	0.40	0.026
622-96-8	4-Ethyltoluene	120.20	0.080	U	0.40	0.030
108-67-8	1,3,5-Trimethylbenzene	120.20	0.080	U	0.40	0.038
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.40	0.026
98-06-6	tert-Butylbenzene	134.22	0.080	U	0.40	0.022
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	J	0.40	0.042
135-98-8	sec-Butylbenzene	134.22	0.080	U	0.40	0.030
99-87-6	4-Isopropyltoluene	134.22	0.16	U	0.40	0.040
541-73-1	1,3-Dichlorobenzene	147.00	0.080	U	0.40	0.038
106-46-7	1,4-Dichlorobenzene	147.00	0.080	U	0.40	0.036

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA01AH Lab Sample ID: 280-39216-2

Matrix: Air Lab File ID: clic027.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:35

Sample wt/vol: 100(mL) Date Analyzed: 03/13/2013 12:40

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	0.40	0.044
104-51-8	n-Butylbenzene	134.22	0.16	U	0.40	0.044
95-50-1	1,2-Dichlorobenzene	147.00	0.16	U	0.40	0.052
120-82-1	1,2,4-Trichlorobenzene	181.45	0.16	U	1.0	0.060
87-68-3	Hexachlorobutadiene	260.76	0.16	U	0.40	0.058
91-20-3	Naphthalene	128.17	0.16	U	1.0	0.076

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA01AH Lab Sample ID: 280-39216-2

Matrix: Air Lab File ID: clic027.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:35

Sample wt/vol: 100(mL) Date Analyzed: 03/13/2013 12:40

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.3	J	4.9	0.20
75-45-6	Freon 22	86.47	1.3	J	3.5	0.16
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.1	U	2.8	0.28
74-87-3	Chloromethane	50.49	0.59	J	2.1	0.14
106-97-8	n-Butane	58.12	2.8		2.4	0.10
75-01-4	Vinyl chloride	62.50	0.14	U	1.0	0.047
106-99-0	1,3-Butadiene	54.09	0.23	J	0.88	0.11
74-83-9	Bromomethane	94.94	0.62	U	1.6	0.21
75-00-3	Chloroethane	64.52	0.42	U	2.6	0.17
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	1.7	0.17
75-69-4	Trichlorofluoromethane	137.37	1.5	J	2.2	0.24
76-13-1	Freon TF	187.38	0.73	J	3.1	0.31
75-35-4	1,1-Dichloroethene	96.94	1.6	U	1.6	0.68
67-64-1	Acetone	58.08	110		24	1.9
67-63-0	Isopropyl alcohol	60.10	6.8	J	25	0.37
75-15-0	Carbon disulfide	76.14	0.50	U	3.1	0.12
107-05-1	3-Chloropropene	76.53	0.50	U	3.1	0.29
75-09-2	Methylene Chloride	84.93	0.56	U	3.5	0.16
75-65-0	tert-Butyl alcohol	74.12	0.49	U	30	0.25
1634-04-4	Methyl tert-butyl ether	88.15	0.29	U	1.4	0.11
156-60-5	trans-1,2-Dichloroethene	96.94	0.63	U	1.6	0.18
110-54-3	n-Hexane	86.17	22		1.4	0.14
75-34-3	1,1-Dichloroethane	98.96	0.65	U	1.6	0.19
78-93-3	Methyl Ethyl Ketone	72.11	2.3	J	2.9	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	1.6	0.67
540-59-0	1,2-Dichloroethene, Total	96.94	0.52	J	1.6	0.18
67-66-3	Chloroform	119.38	0.78	U	2.0	0.23
109-99-9	Tetrahydrofuran	72.11	0.47	U	29	0.17
71-55-6	1,1,1-Trichloroethane	133.41	0.87	U	2.2	0.22
110-82-7	Cyclohexane	84.16	7.6		1.4	0.13
56-23-5	Carbon tetrachloride	153.81	0.45	J	2.5	0.16
540-84-1	2,2,4-Trimethylpentane	114.23	10		1.9	0.14
71-43-2	Benzene	78.11	0.72	J	1.3	0.12
107-06-2	1,2-Dichloroethane	98.96	0.32	U	1.6	0.15

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA01AH Lab Sample ID: 280-39216-2

Matrix: Air Lab File ID: clic027.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:35

Sample wt/vol: 100(mL) Date Analyzed: 03/13/2013 12:40

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	10		1.6	0.14
79-01-6	Trichloroethene	131.39	93		2.1	0.099
80-62-6	Methyl methacrylate	100.12	0.33	U	4.1	0.13
78-87-5	1,2-Dichloropropane	112.99	0.74	U	1.8	0.21
123-91-1	1,4-Dioxane	88.11	1.4	U	36	0.50
75-27-4	Bromodichloromethane	163.83	0.54	U	2.7	0.16
10061-01-5	cis-1,3-Dichloropropene	110.97	0.36	U	1.8	0.12
108-10-1	methyl isobutyl ketone	100.16	0.66	U	4.1	0.28
108-88-3	Toluene	92.14	0.97	J	1.5	0.11
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	1.8	0.14
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	2.2	0.17
127-18-4	Tetrachloroethene	165.83	6.6		2.7	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.66	U	4.1	0.33
124-48-1	Dibromochloromethane	208.29	0.68	U	3.4	0.19
106-93-4	1,2-Dibromoethane	187.87	0.61	U	3.1	0.22
108-90-7	Chlorobenzene	112.30	0.37	U	1.8	0.12
100-41-4	Ethylbenzene	106.17	0.35	U	1.7	0.13
179601-23-1	m,p-Xylene	106.17	1.0	J	4.3	0.19
95-47-6	Xylene, o-	106.17	0.40	J	1.7	0.14
1330-20-7	Xylene (total)	106.17	1.4	J	1.7	0.14
100-42-5	Styrene	104.15	0.34	U	1.7	0.094
75-25-2	Bromoform	252.75	0.58	U	4.1	0.15
98-82-8	Cumene	120.19	0.39	U	2.0	0.11
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	2.7	0.15
103-65-1	n-Propylbenzene	120.19	0.39	U	2.0	0.13
622-96-8	4-Ethyltoluene	120.20	0.39	U	2.0	0.15
108-67-8	1,3,5-Trimethylbenzene	120.20	0.39	U	2.0	0.19
95-49-8	2-Chlorotoluene	126.59	0.41	U	2.1	0.13
98-06-6	tert-Butylbenzene	134.22	0.44	U	2.2	0.12
95-63-6	1,2,4-Trimethylbenzene	120.20	0.73	J	2.0	0.21
135-98-8	sec-Butylbenzene	134.22	0.44	U	2.2	0.16
99-87-6	4-Isopropyltoluene	134.22	0.88	U	2.2	0.22
541-73-1	1,3-Dichlorobenzene	147.00	0.48	U	2.4	0.23
106-46-7	1,4-Dichlorobenzene	147.00	0.48	U	2.4	0.22

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA01AH Lab Sample ID: 280-39216-2

Matrix: Air Lab File ID: clic027.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:35

Sample wt/vol: 100(mL) Date Analyzed: 03/13/2013 12:40

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.83	U	2.1	0.23
104-51-8	n-Butylbenzene	134.22	0.88	U	2.2	0.24
95-50-1	1,2-Dichlorobenzene	147.00	0.96	U	2.4	0.31
120-82-1	1,2,4-Trichlorobenzene	181.45	1.2	U	7.4	0.45
87-68-3	Hexachlorobutadiene	260.76	1.7	U	4.3	0.62
91-20-3	Naphthalene	128.17	0.84	U	5.2	0.40

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39216-2
Client Smp ID: 785786CA01AH
Inj Date : 13-MAR-2013 12:40
Operator : wrd Inst ID: C.i
Smp Info : 280-39216-A-2
Misc Info : 100,2,all74
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/to15v5.m
Meth Date : 13-Mar-2013 14:10 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 5
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	29191	0.32958	0.66(a)
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	8451	0.17686	0.35(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.763	4.779	(0.398)	3779	0.14165	0.28(a)
6 Butane	43	5.040	5.046	(0.422)	25598	0.57935	1.2
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	5.174	5.179	(0.433)	1213	0.05309	0.11(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.775	6.785	(0.567)	11445	0.13126	0.26(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.944	(0.664)	2695	0.04735	0.095(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.146	8.157	(0.681)	828466	23.4996	47
21 Carbon disulfide	76	Compound Not Detected.					

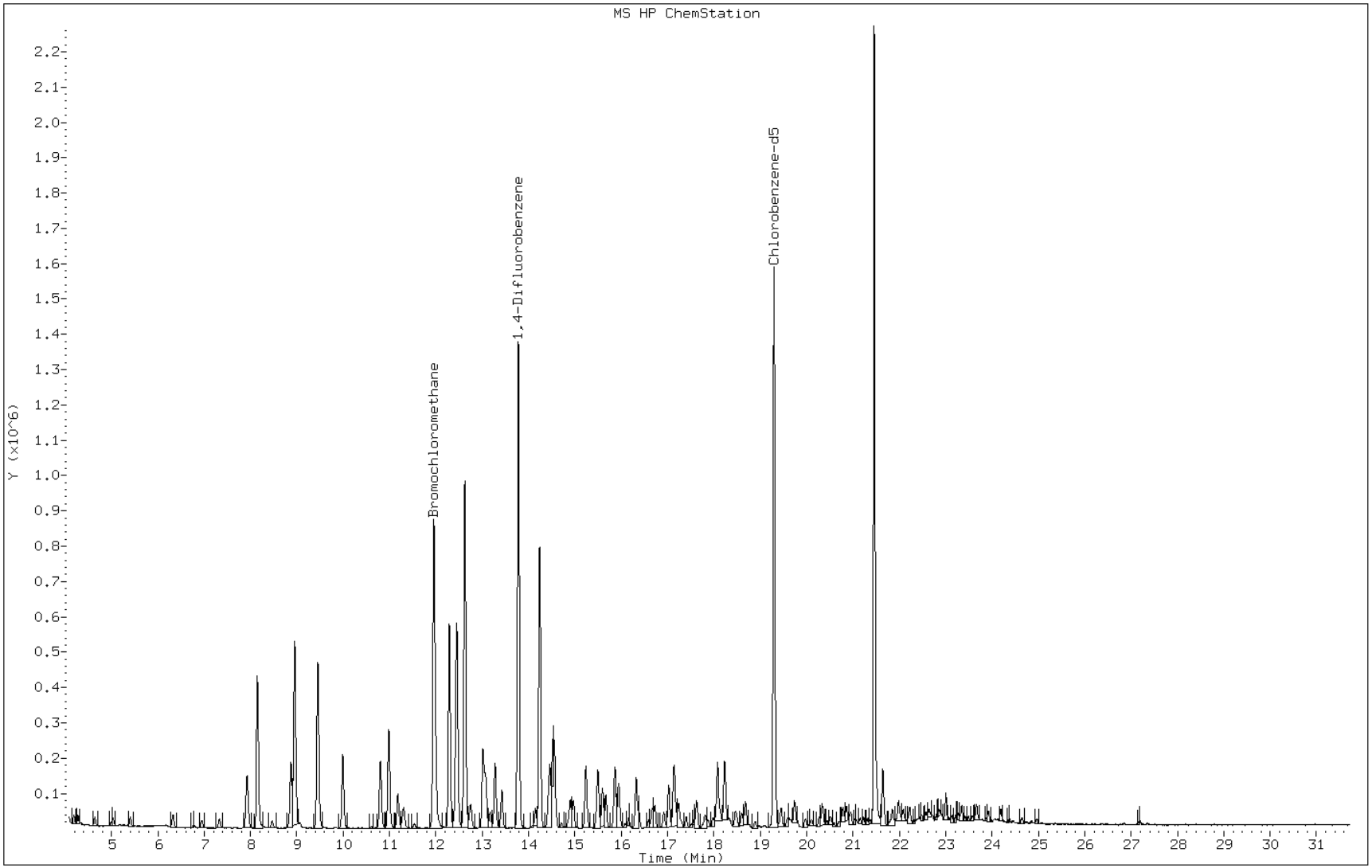
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.466	8.461	(0.708)	35631	1.38186	2.8(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.993	9.998	(0.836)	154126	3.15084	6.3
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61				2033	0.06508	0.13(a)
	34 1,2-Dichloroethene (cis)	96	11.519	11.514	(0.963)	2033	0.06508	0.13(a)
	36 Methyl Ethyl Ketone	72	11.541	11.530	(0.965)	5209	0.38925	0.78(aQ)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	259251	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	12.421	12.427	(0.902)	50339	1.10918	2.2(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	12.656	12.656	(0.919)	2905	0.03594	0.072(a)
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	171938	1.11358	2.2(Q)
	44 Benzene	78	13.051	13.051	(0.947)	11950	0.11204	0.22(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	13.424	13.419	(0.974)	69769	1.24155	2.5
*	47 1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1535241	10.0000	
	49 Trichloroethene	95	14.236	14.241	(1.033)	424255	8.68339	17
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.595	16.589	(0.860)	8947	0.12837	0.26(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	25712	0.48554	0.97
	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	19.295	19.295	(1.000)	1356393	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	19.743	19.743	(1.023)	6337	0.11521	0.23(aQ)
M	70 Xylenes, Total	106				8769	0.16097	0.32(a)
	71 Xylene (o)	106	20.507	20.512	(1.063)	2432	0.04575	0.092(aQ)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.647	22.641	(1.174)	9787	0.07409	0.15(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clic027.d	Date:	13-MAR-2013 12:40
Client ID:	785786CA01AH	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39216-A-2		
Lab Sample ID:	280-39216-2		



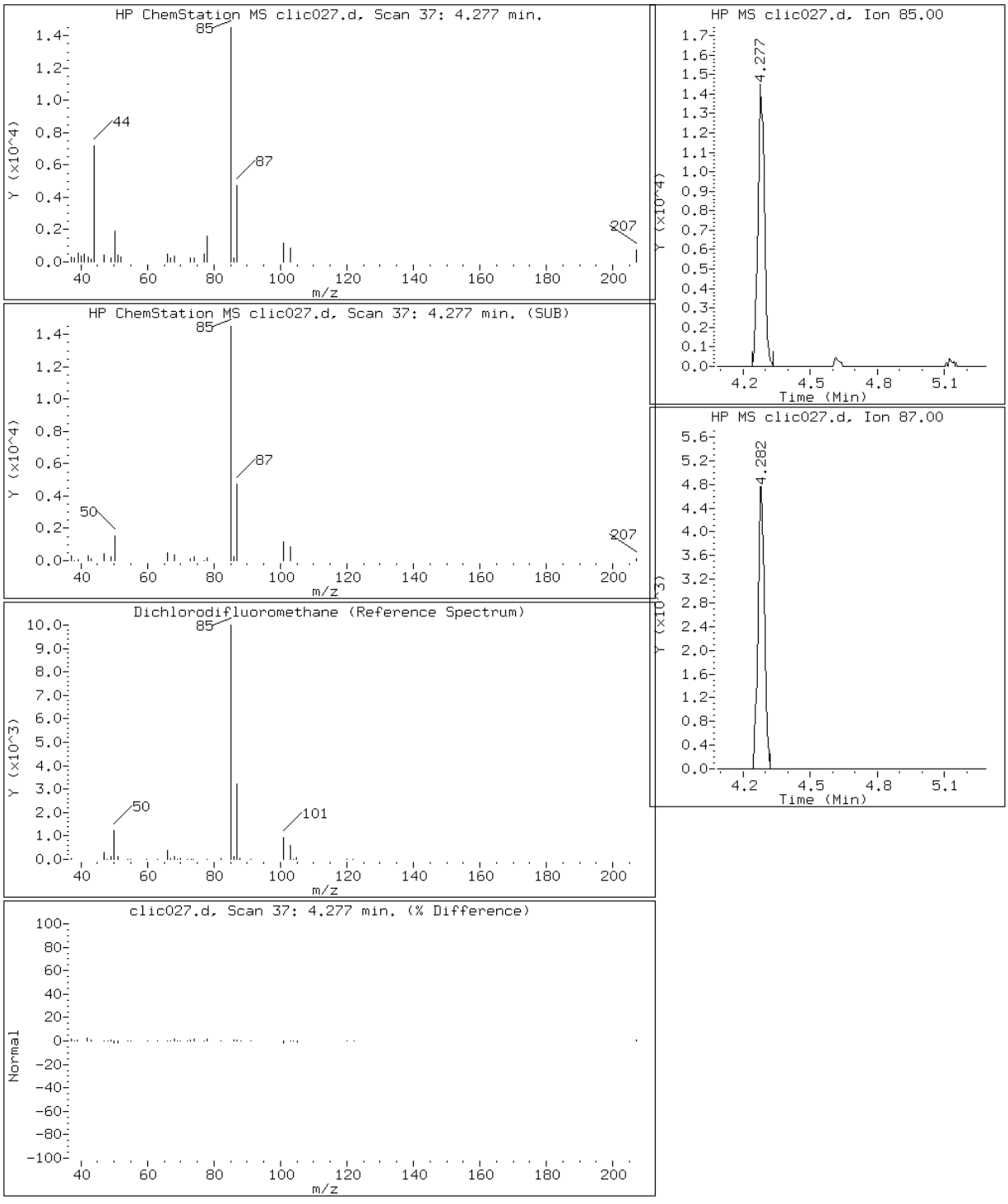
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

2 Dichlorodifluoromethane



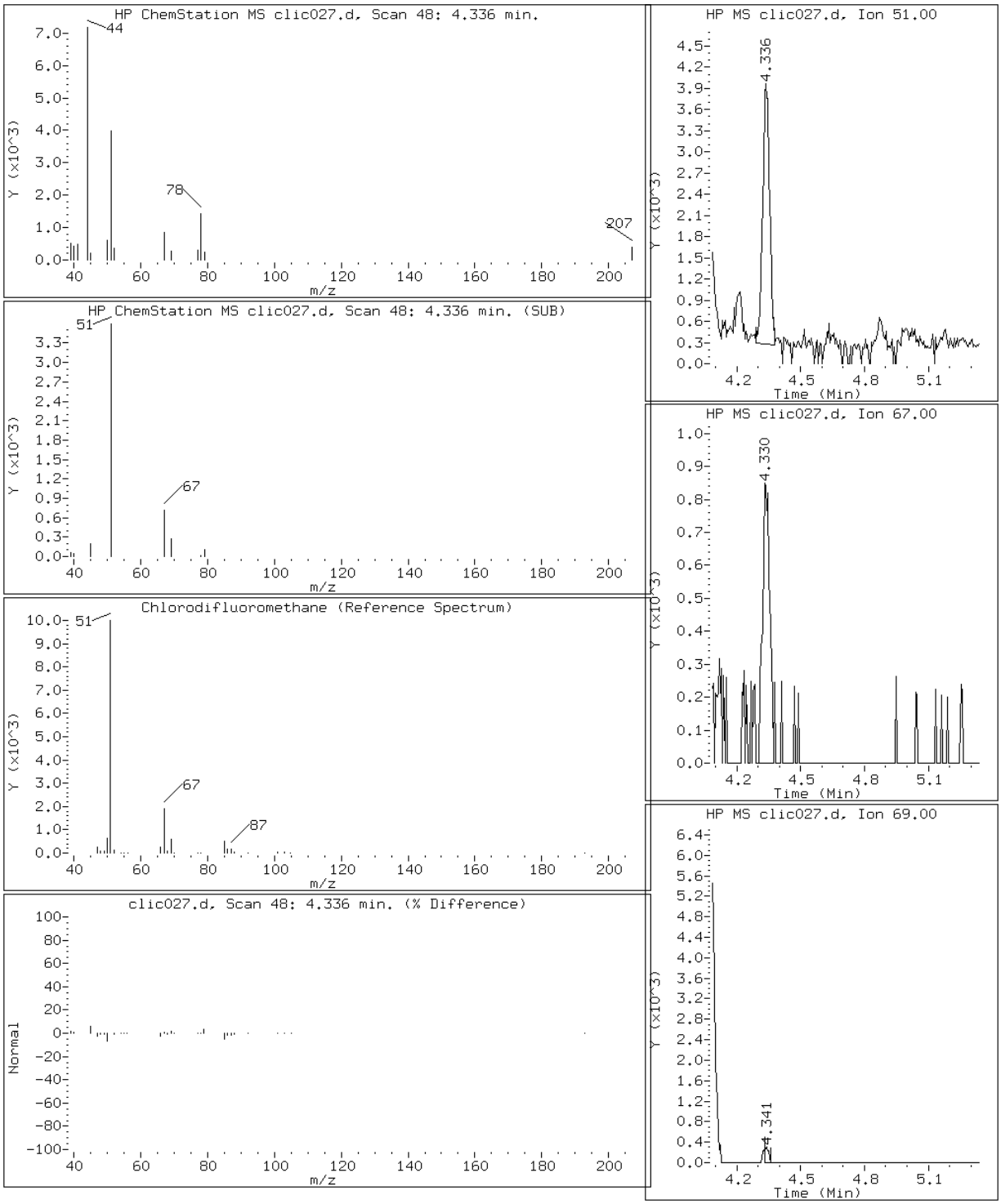
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Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

3 Chlorodifluoromethane



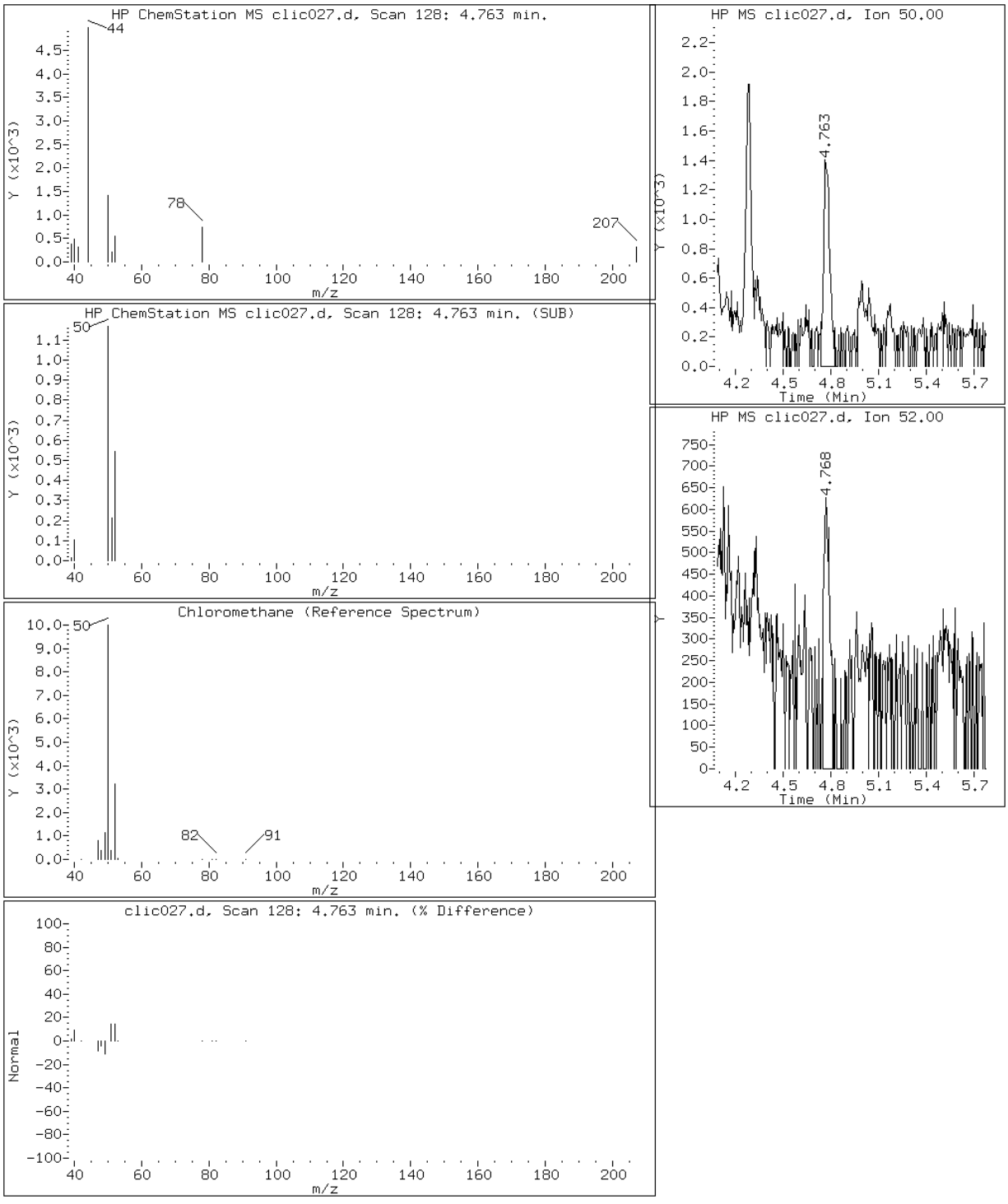
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Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

5 Chloromethane



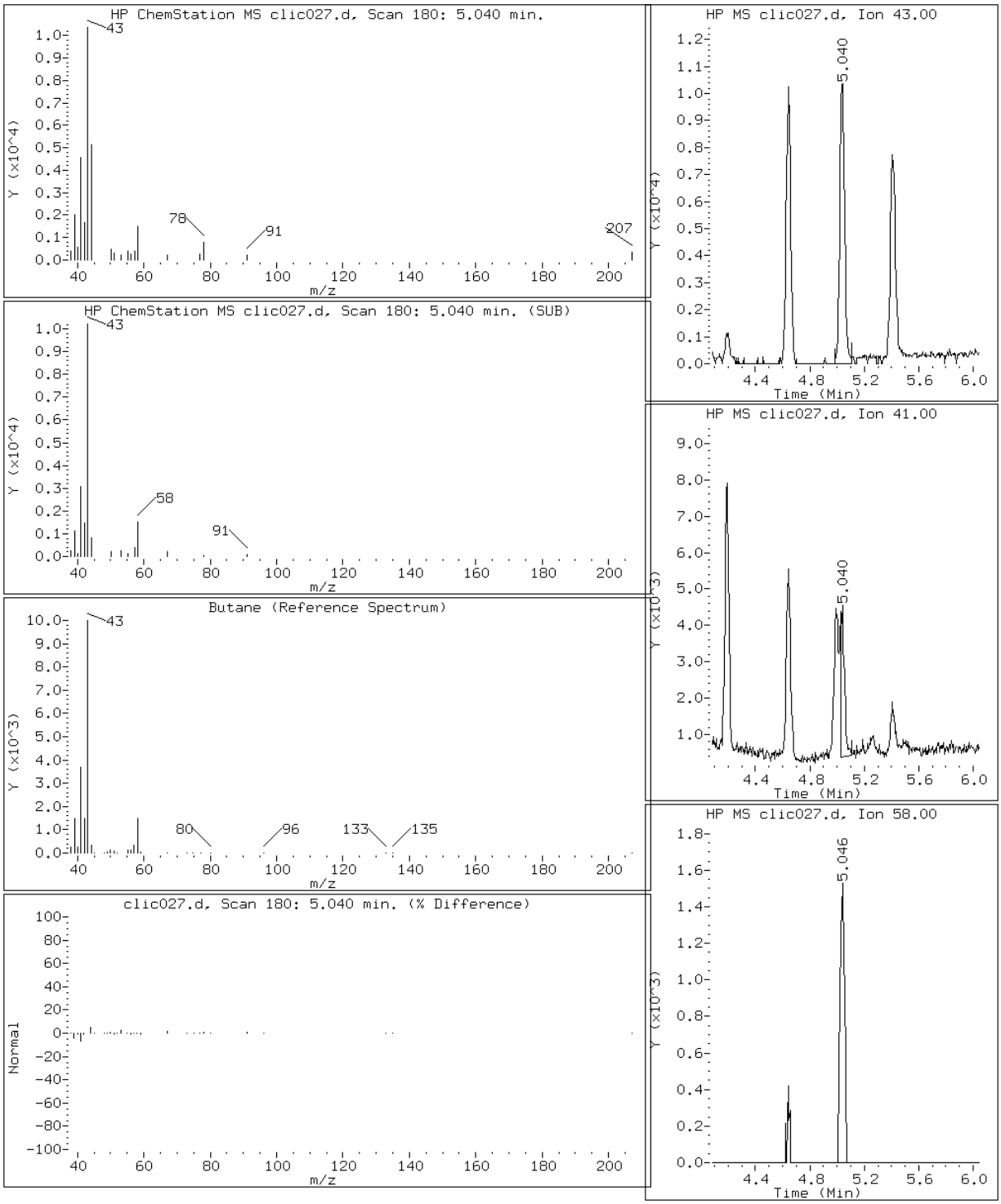
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Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

6 Butane



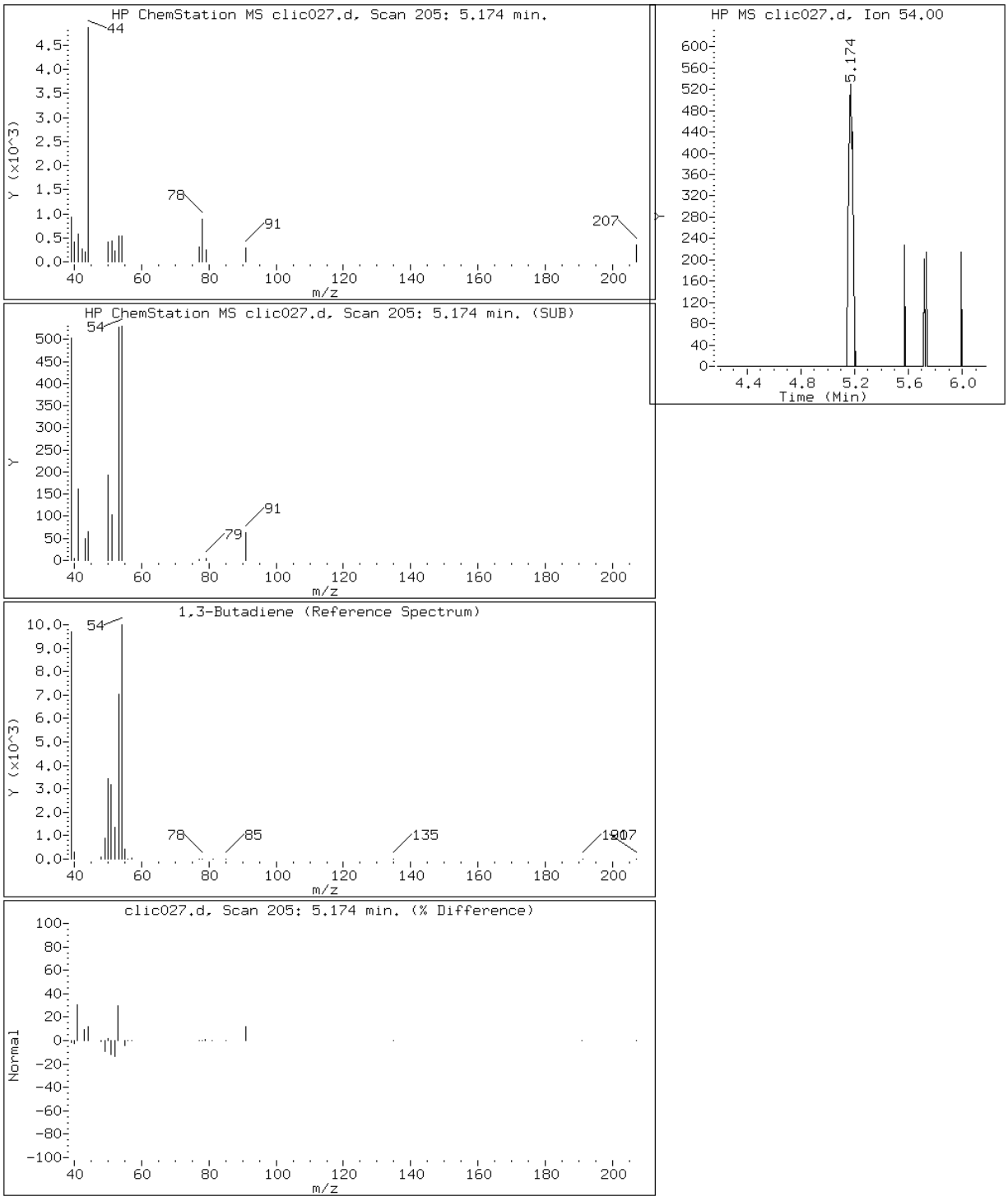
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Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

8 1,3-Butadiene



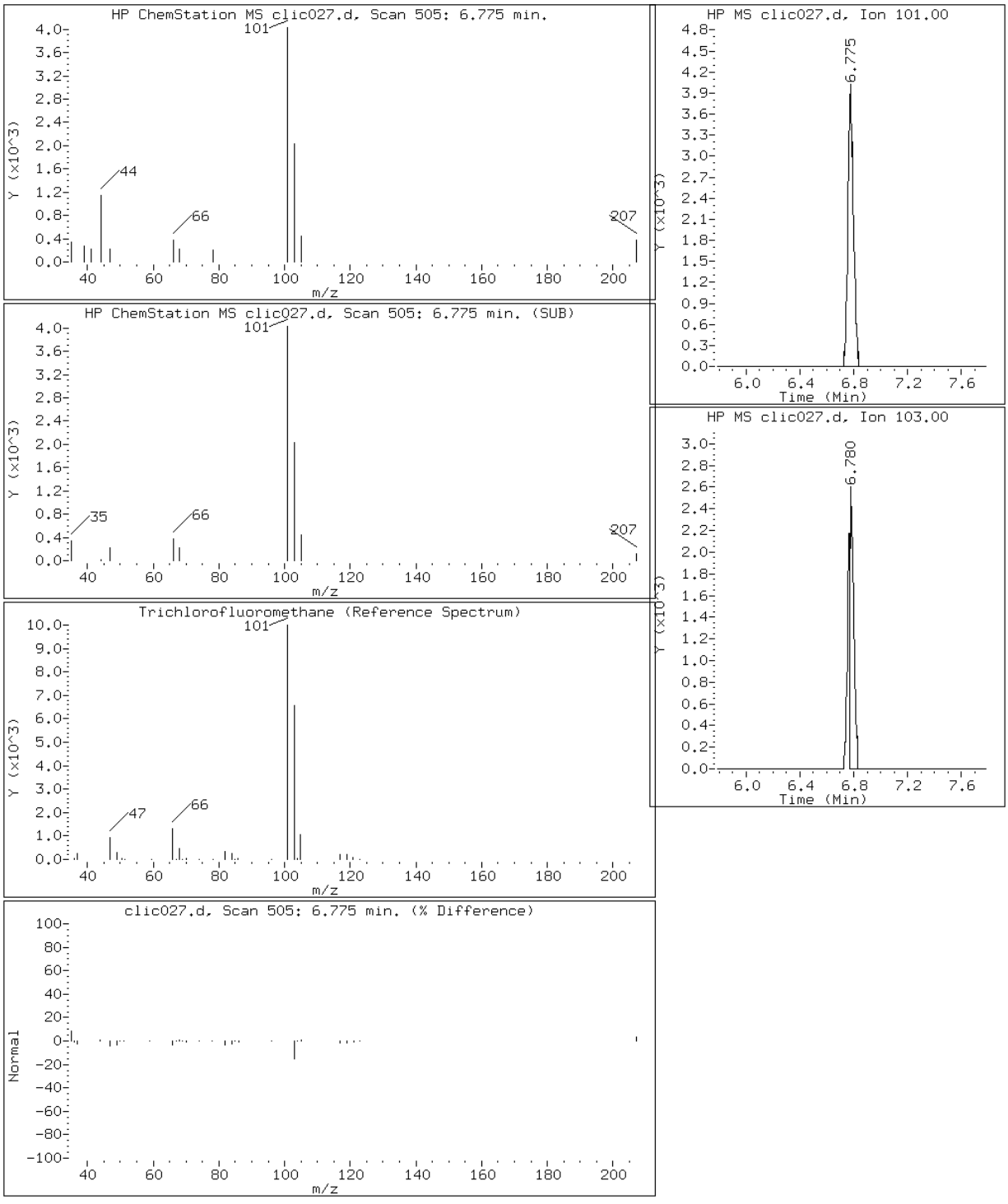
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

13 Trichlorofluoromethane



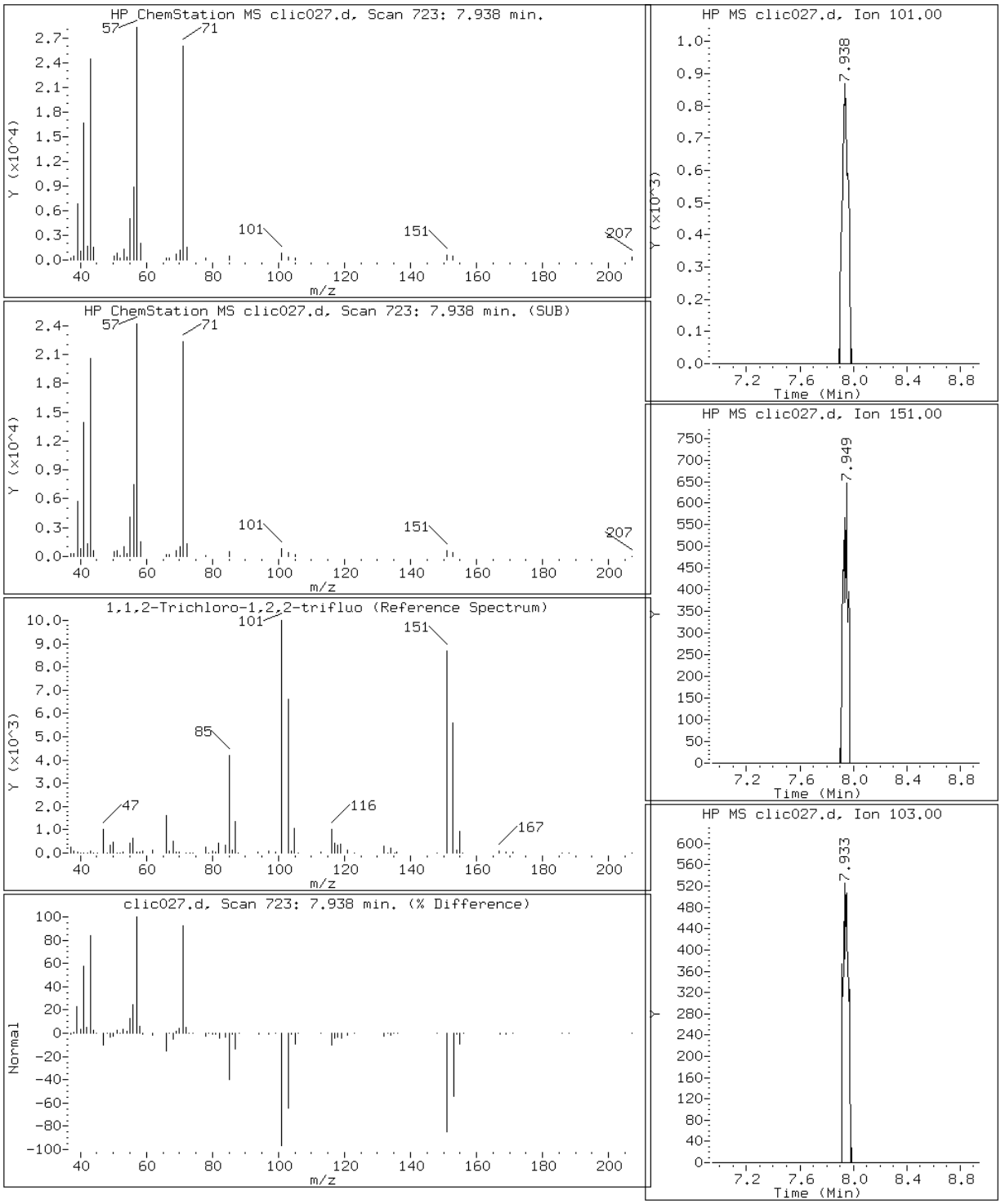
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



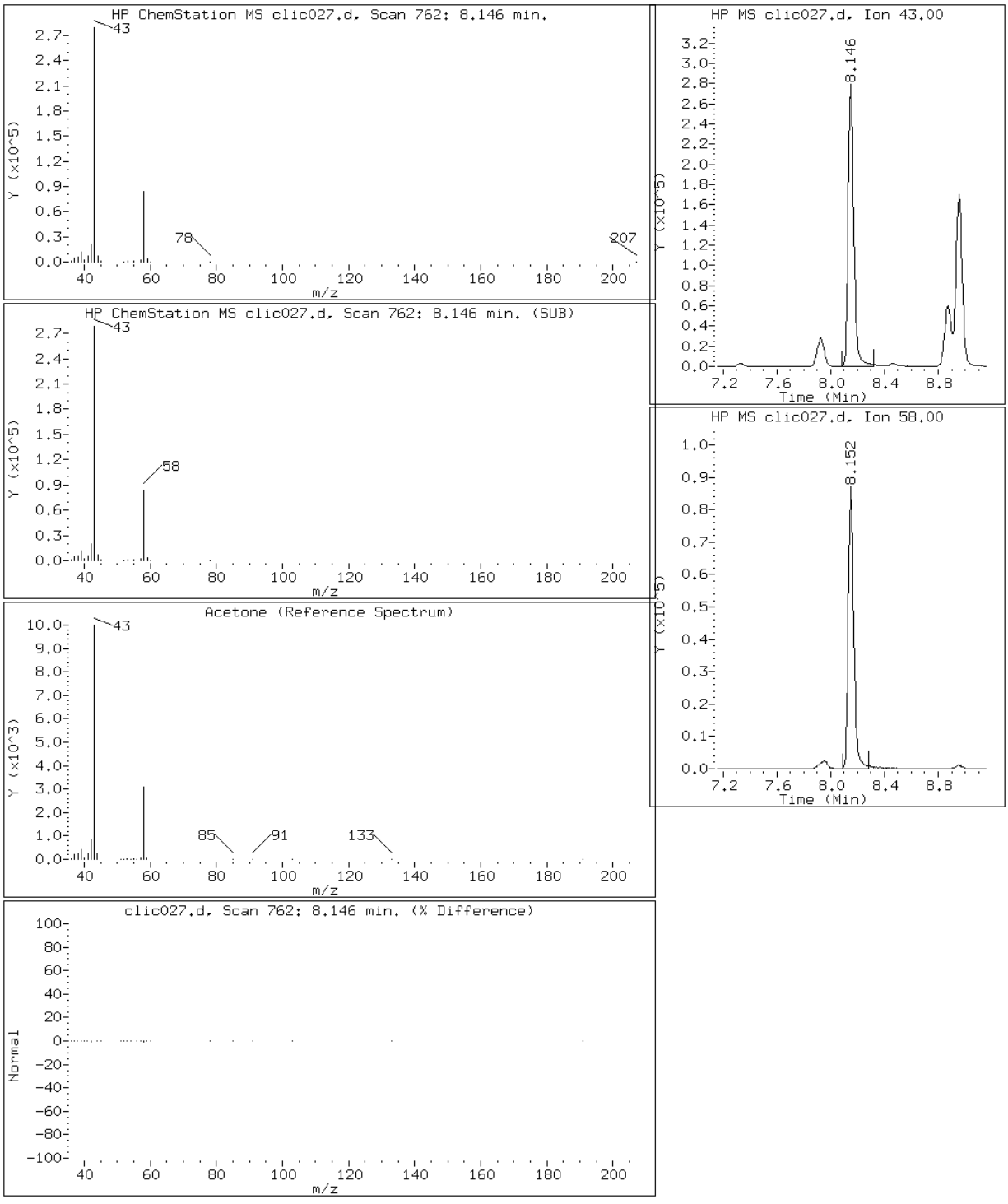
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

20 Acetone



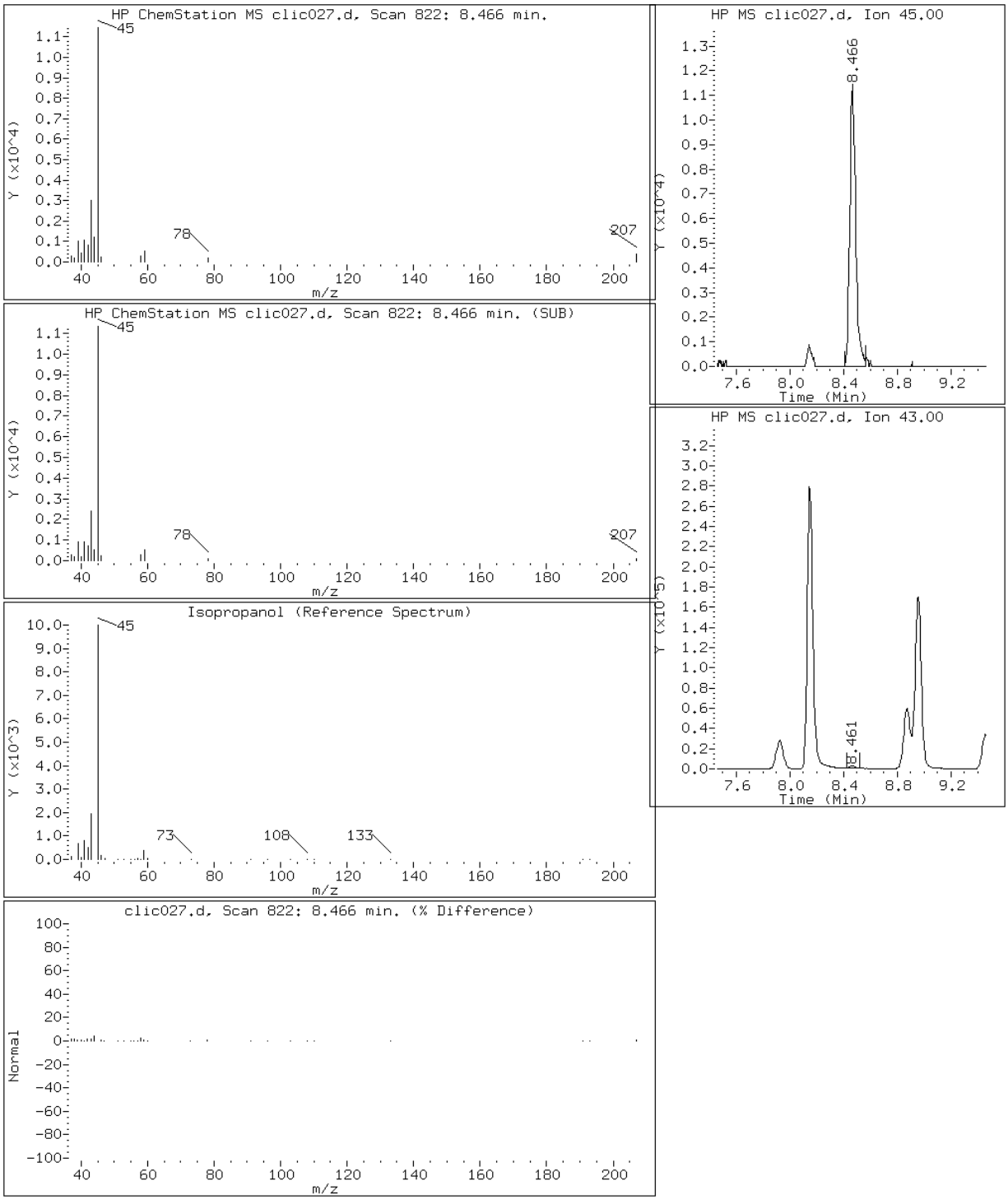
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

22 Isopropanol



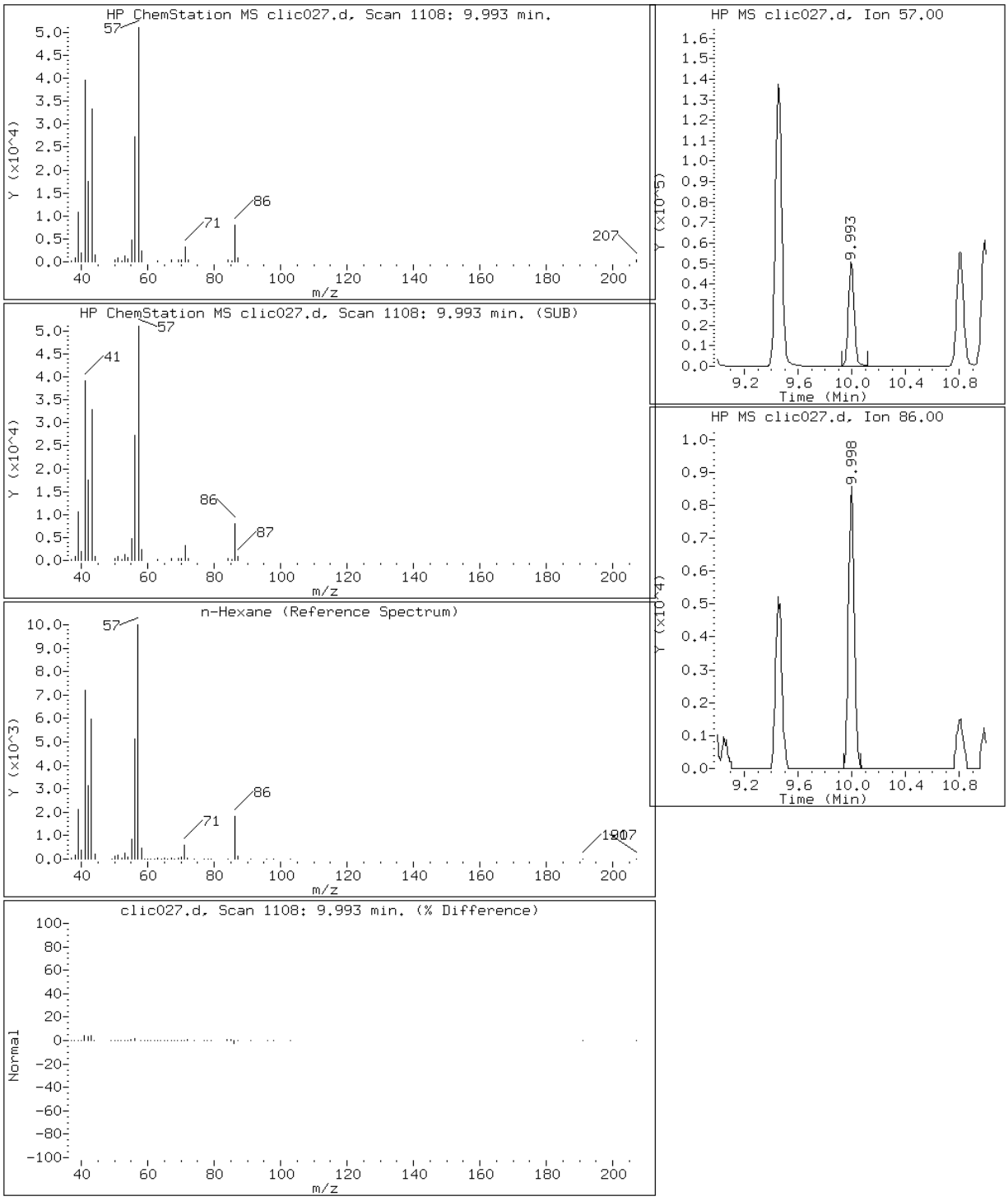
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

30 n-Hexane



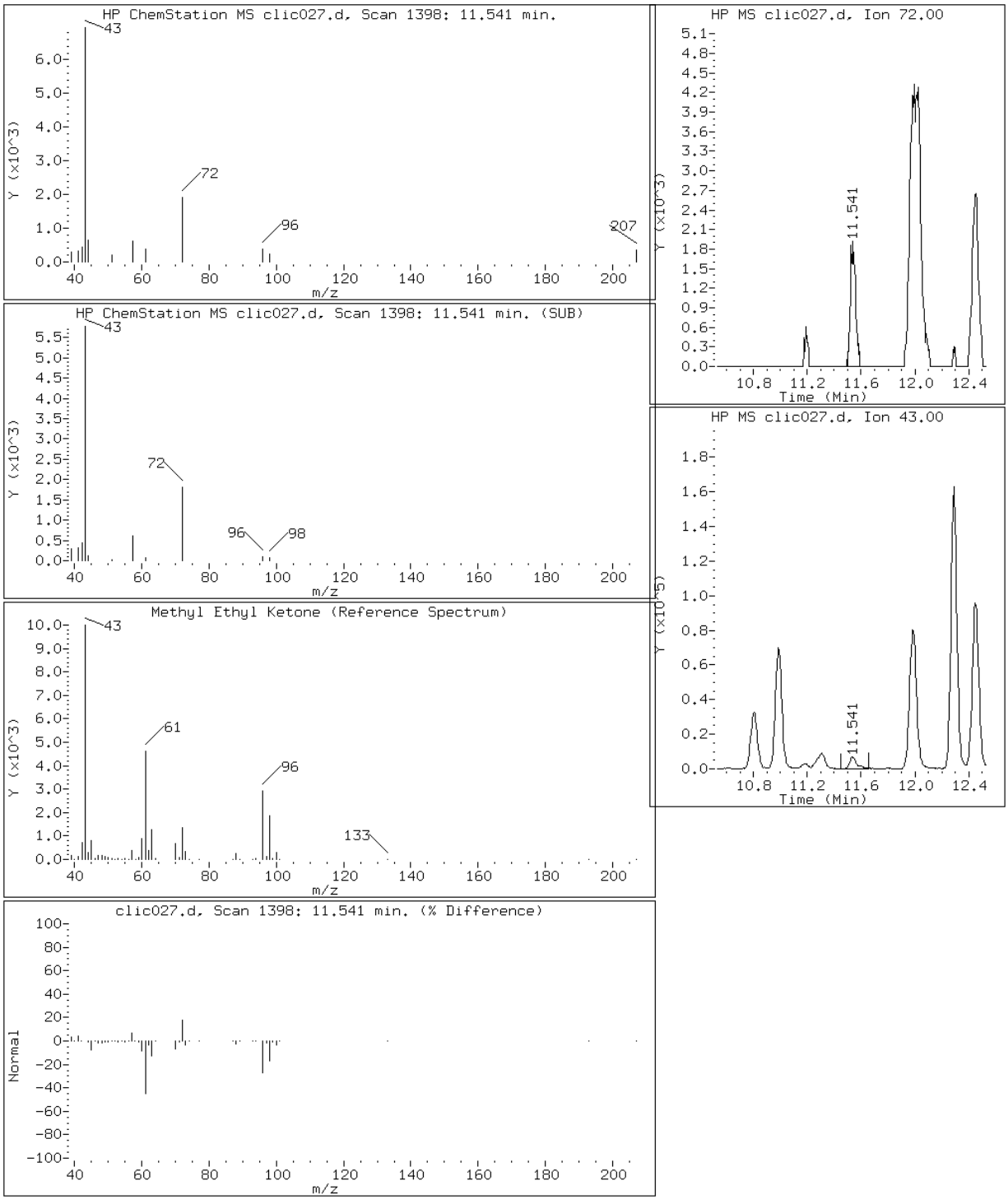
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

36 Methyl Ethyl Ketone



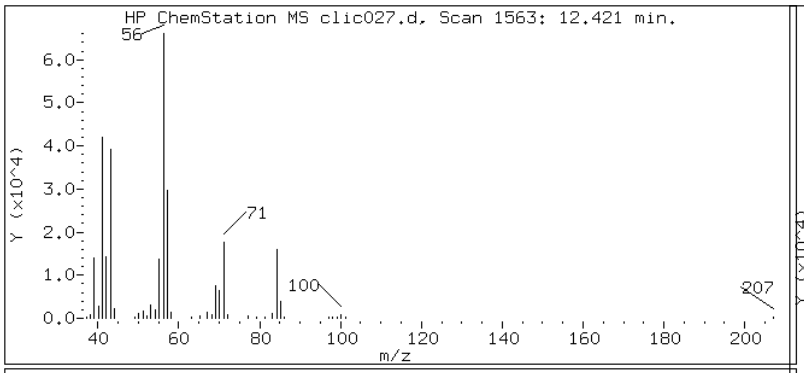
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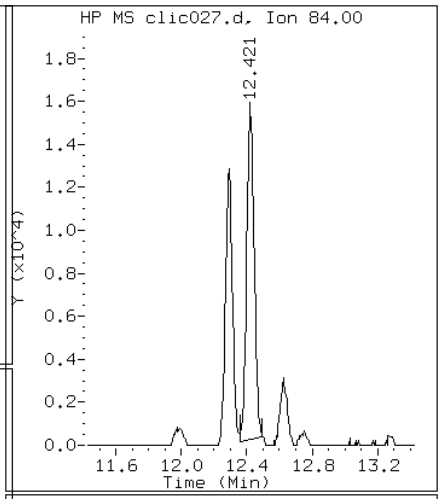
Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

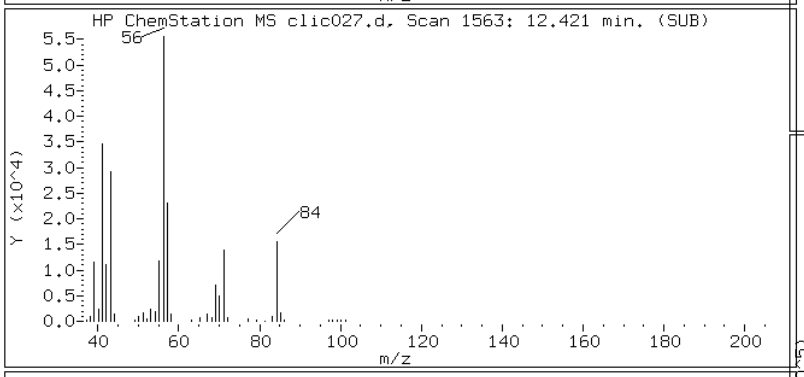
Client ID: 785786CA01AH Instrument: C.i

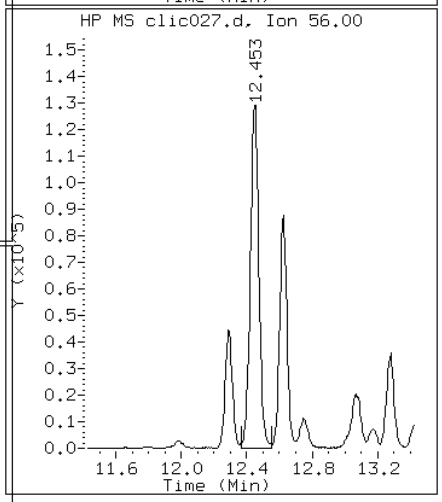
Sample Info: 280-39216-A-2 Operator: wrd

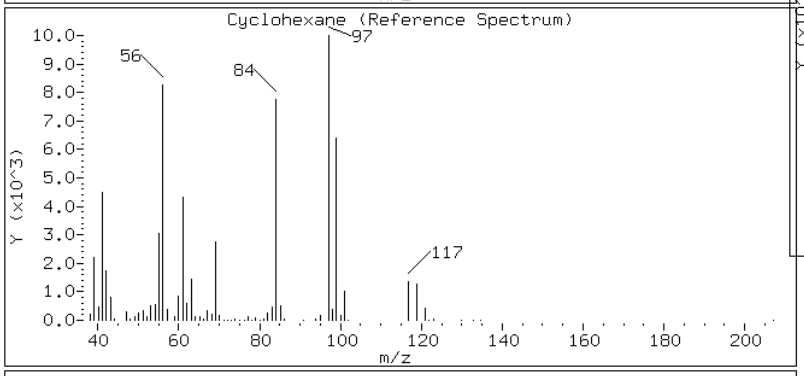
40 Cyclohexane

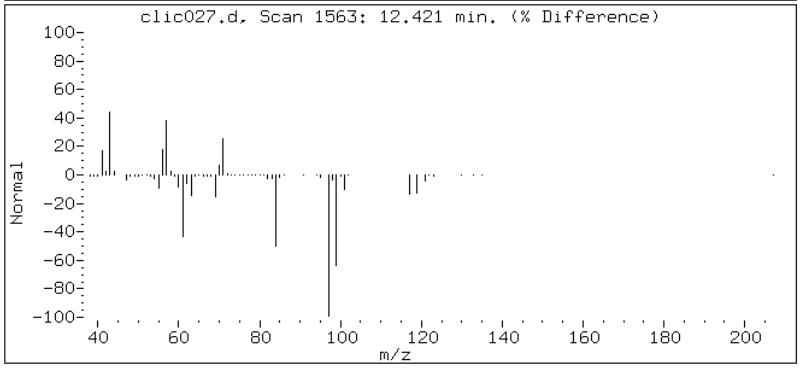












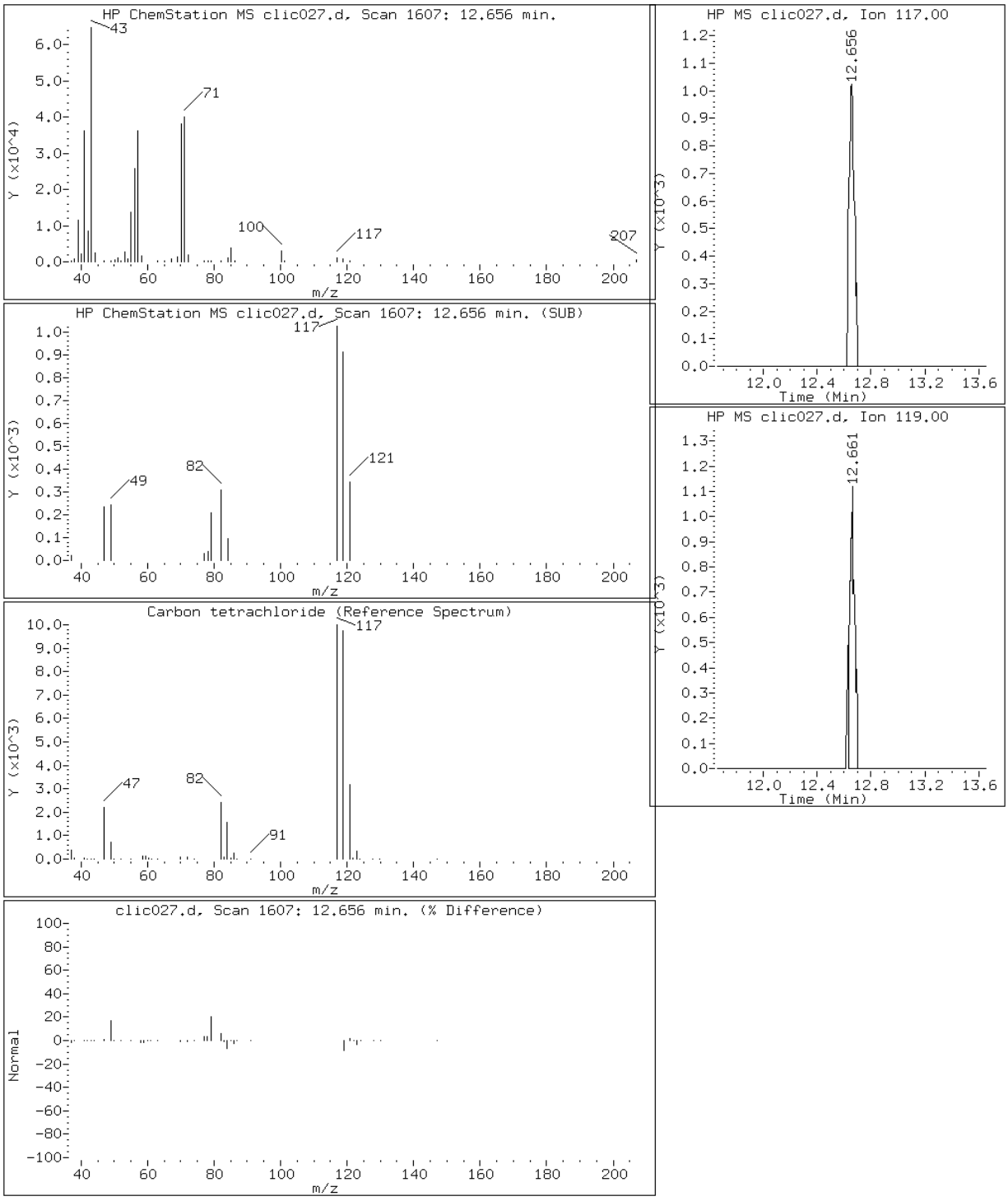
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

42 Carbon tetrachloride



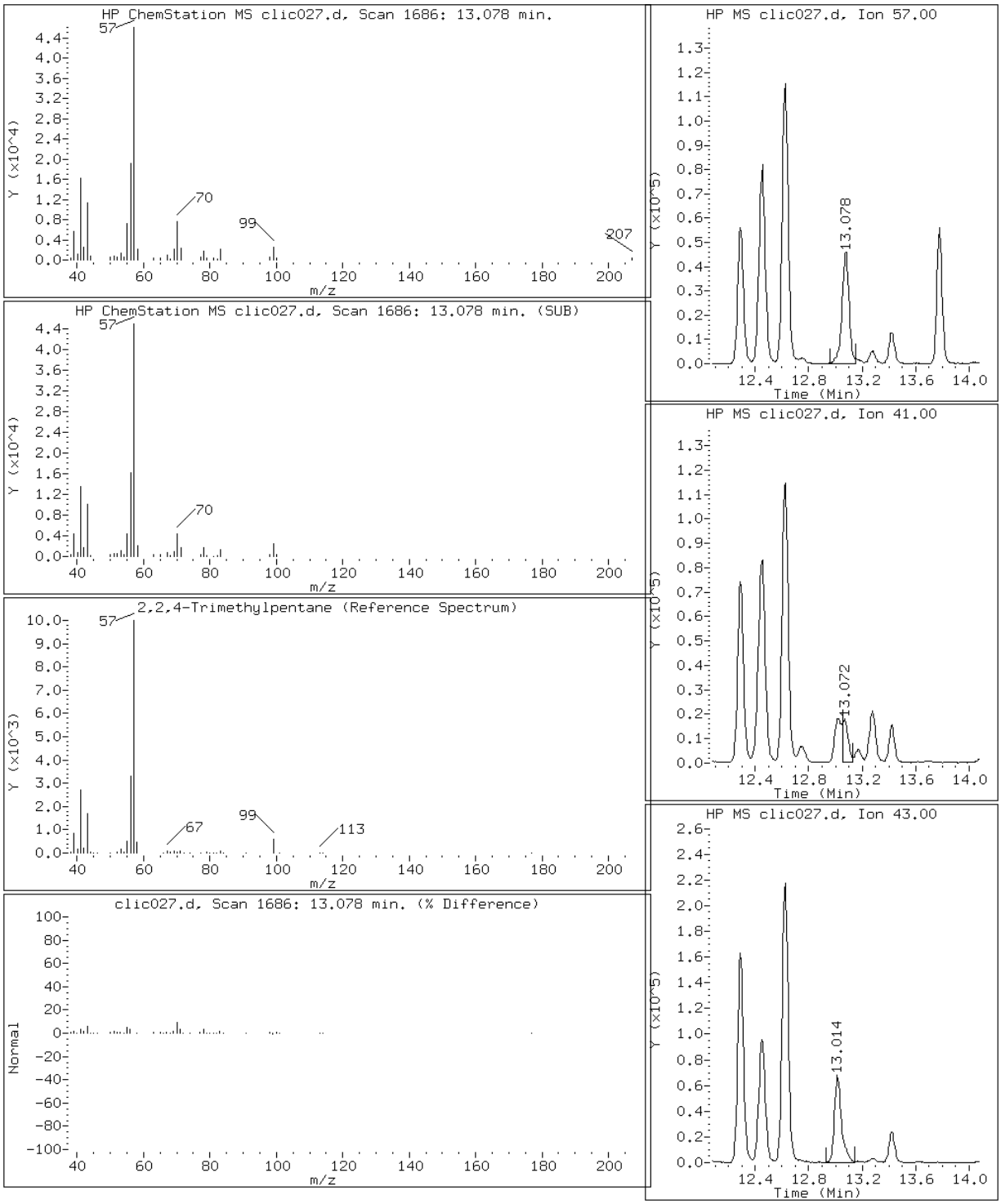
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

43 2,2,4-Trimethylpentane



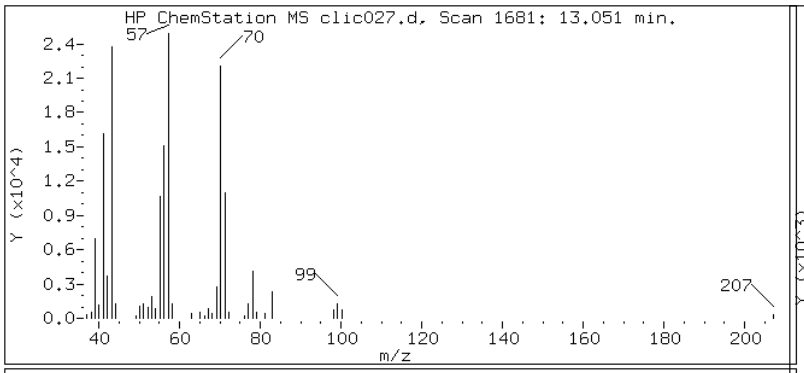
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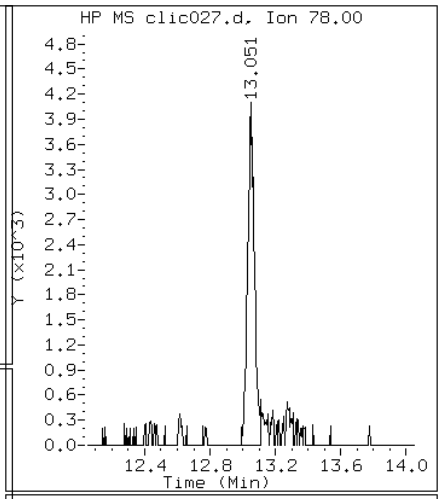
Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

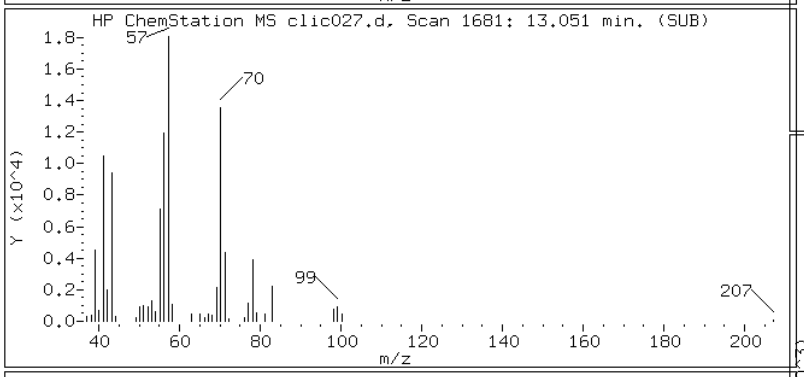
Client ID: 785786CA01AH Instrument: C.i

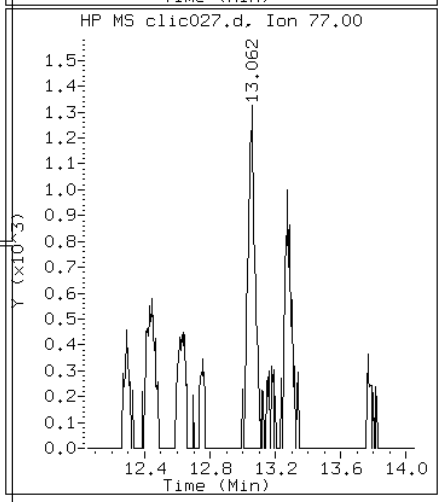
Sample Info: 280-39216-A-2 Operator: wrd

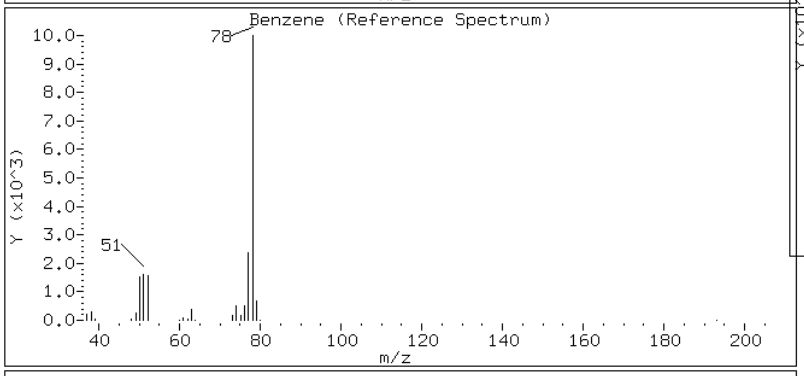
44 Benzene

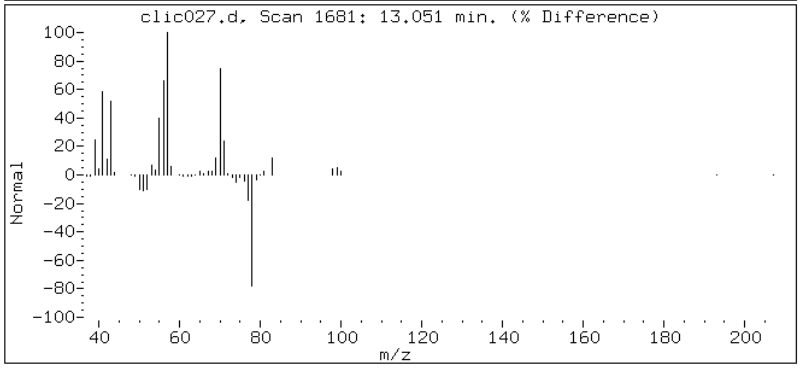












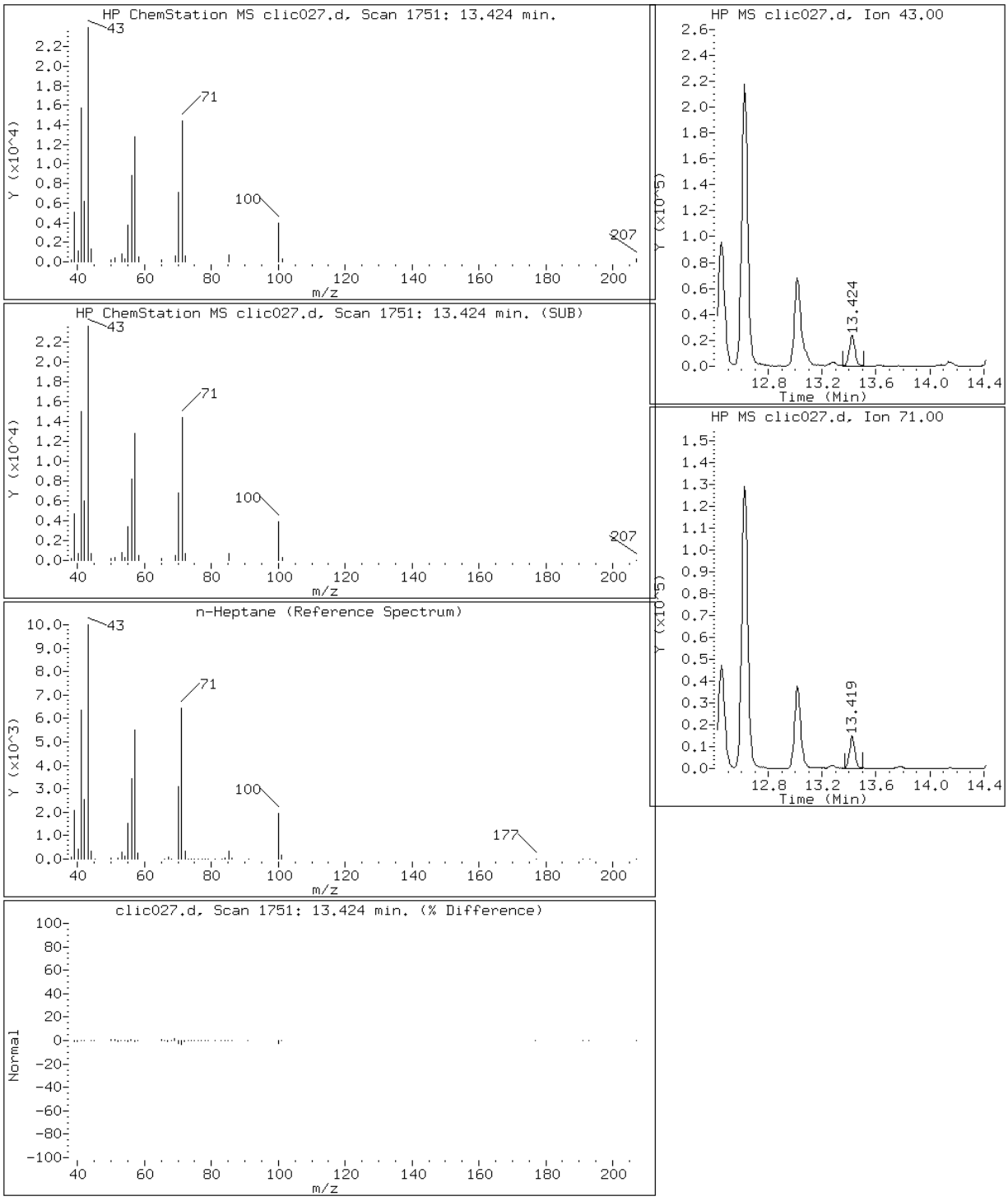
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

46 n-Heptane



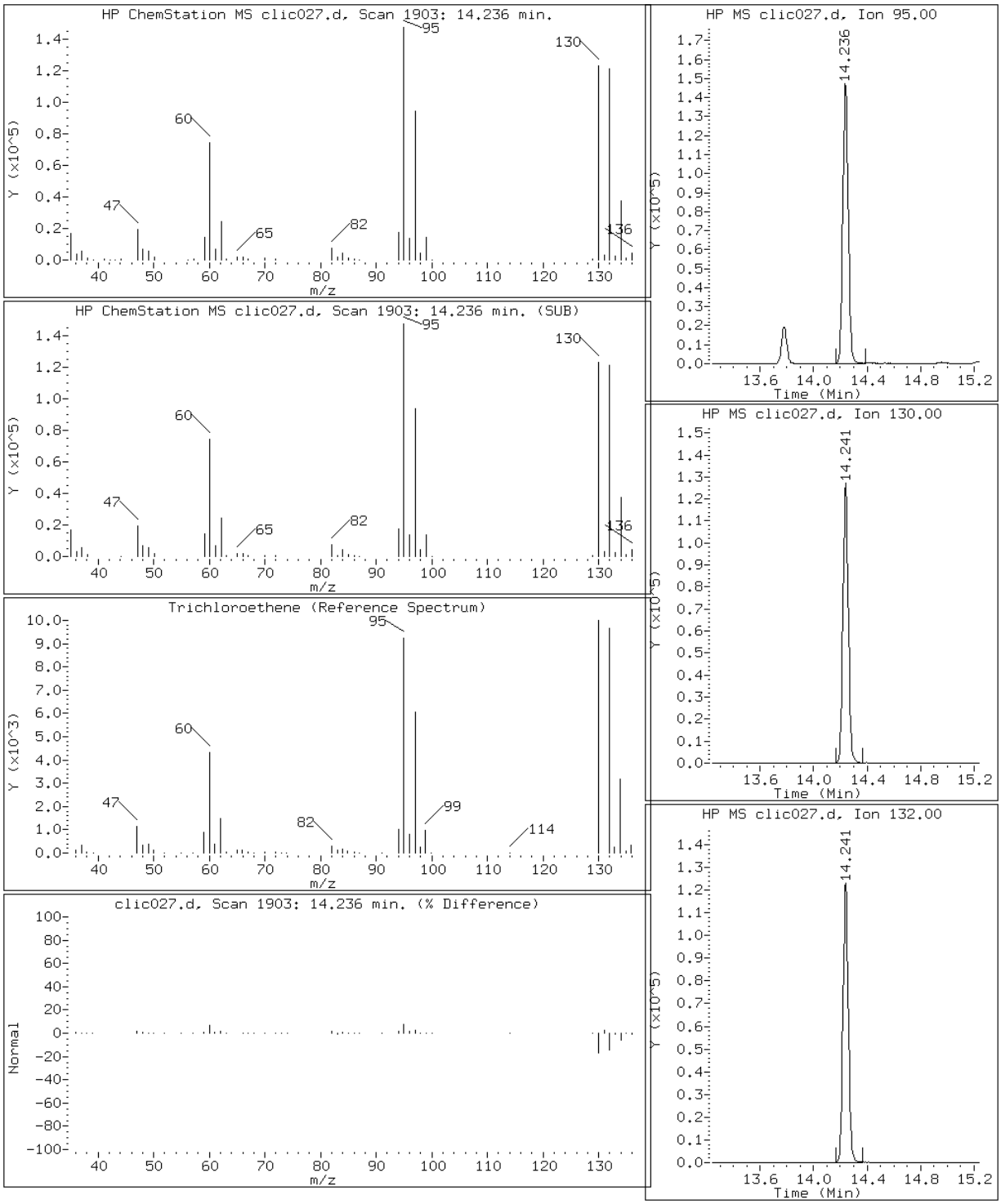
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

49 Trichloroethene



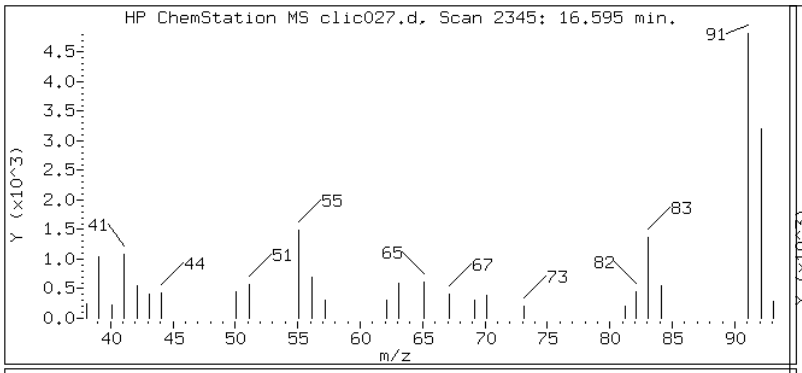
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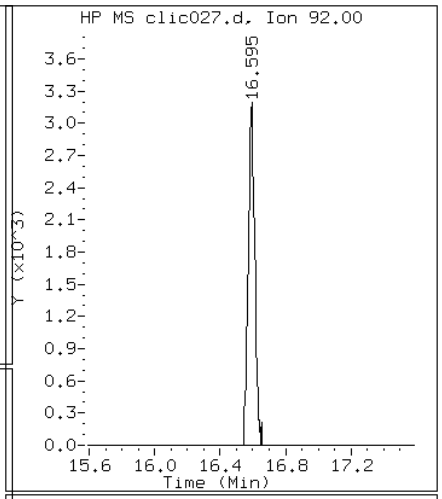
Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

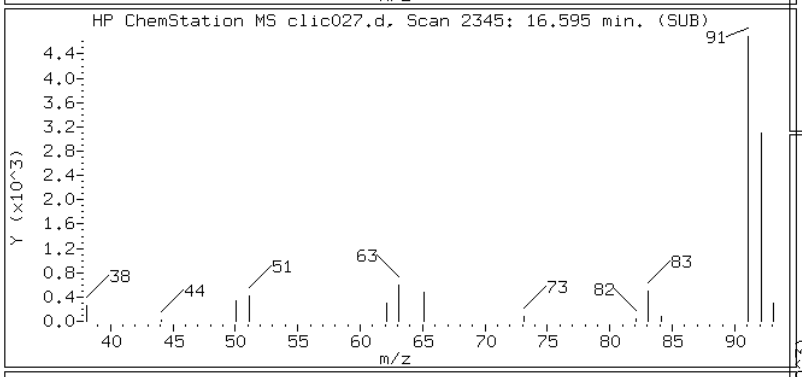
Client ID: 785786CA01AH Instrument: C.i

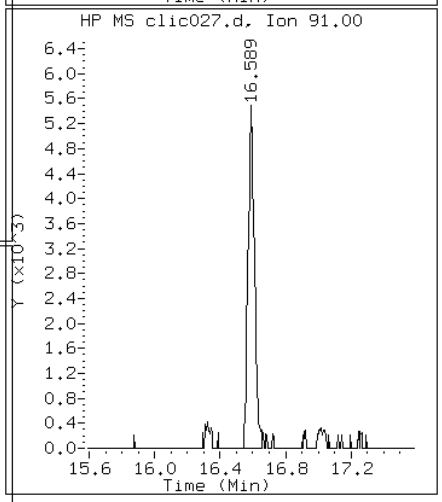
Sample Info: 280-39216-A-2 Operator: wrd

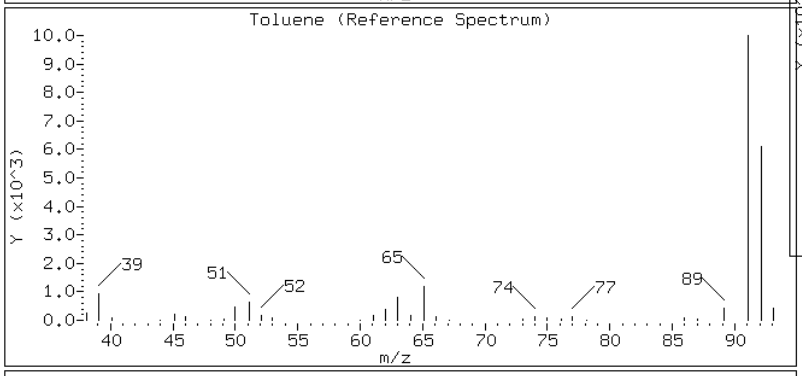
58 Toluene

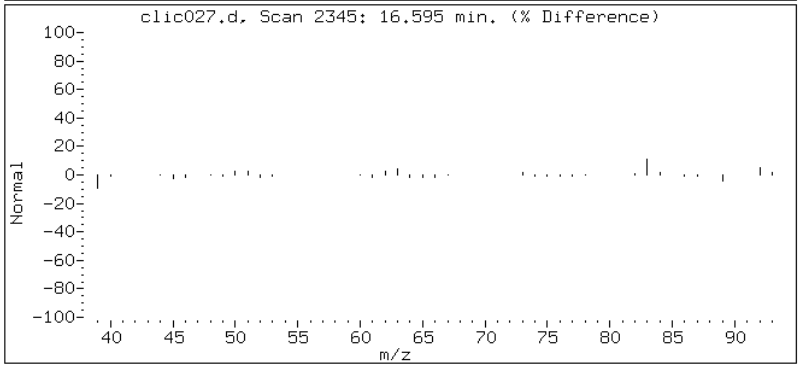












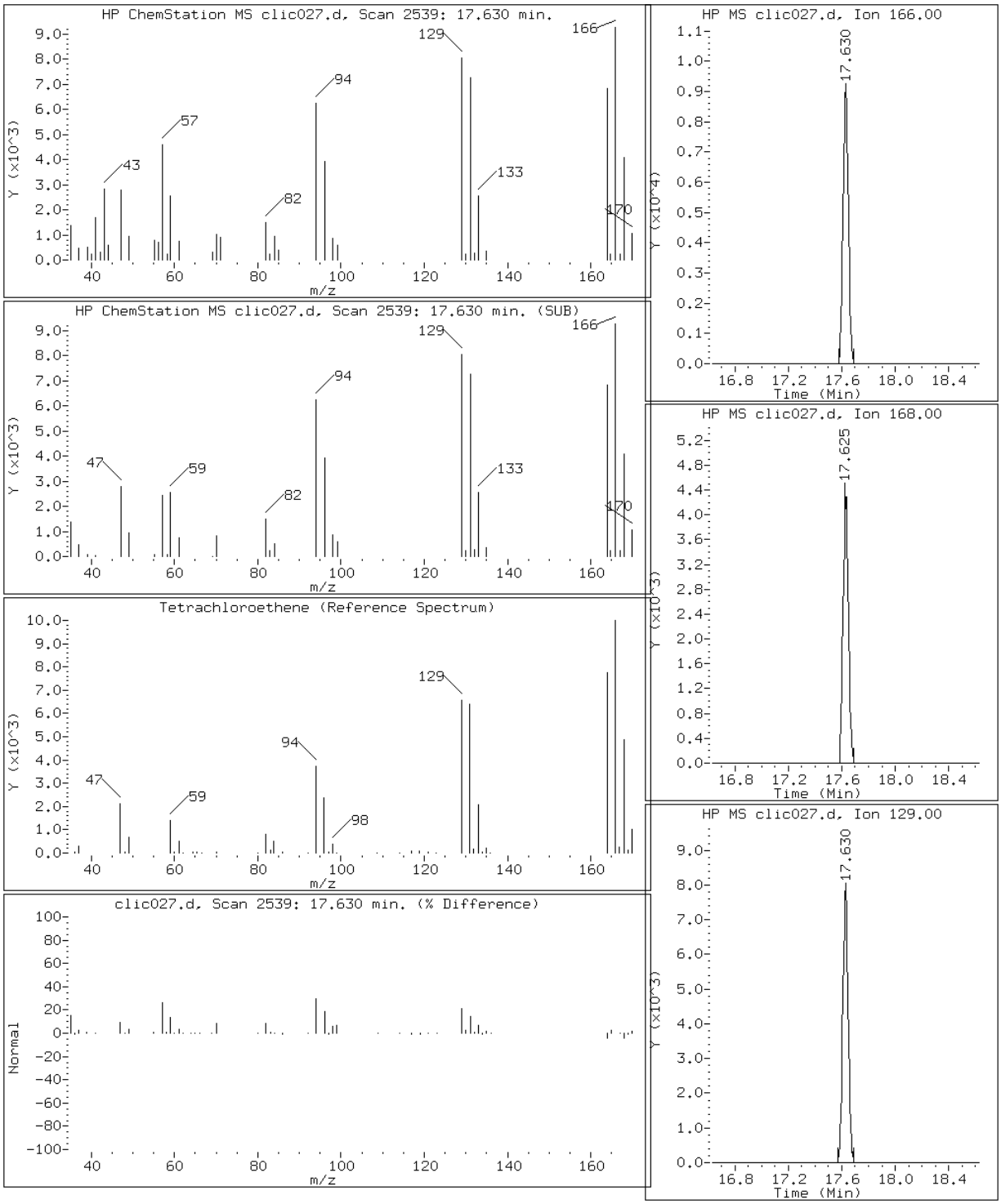
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

61 Tetrachloroethene



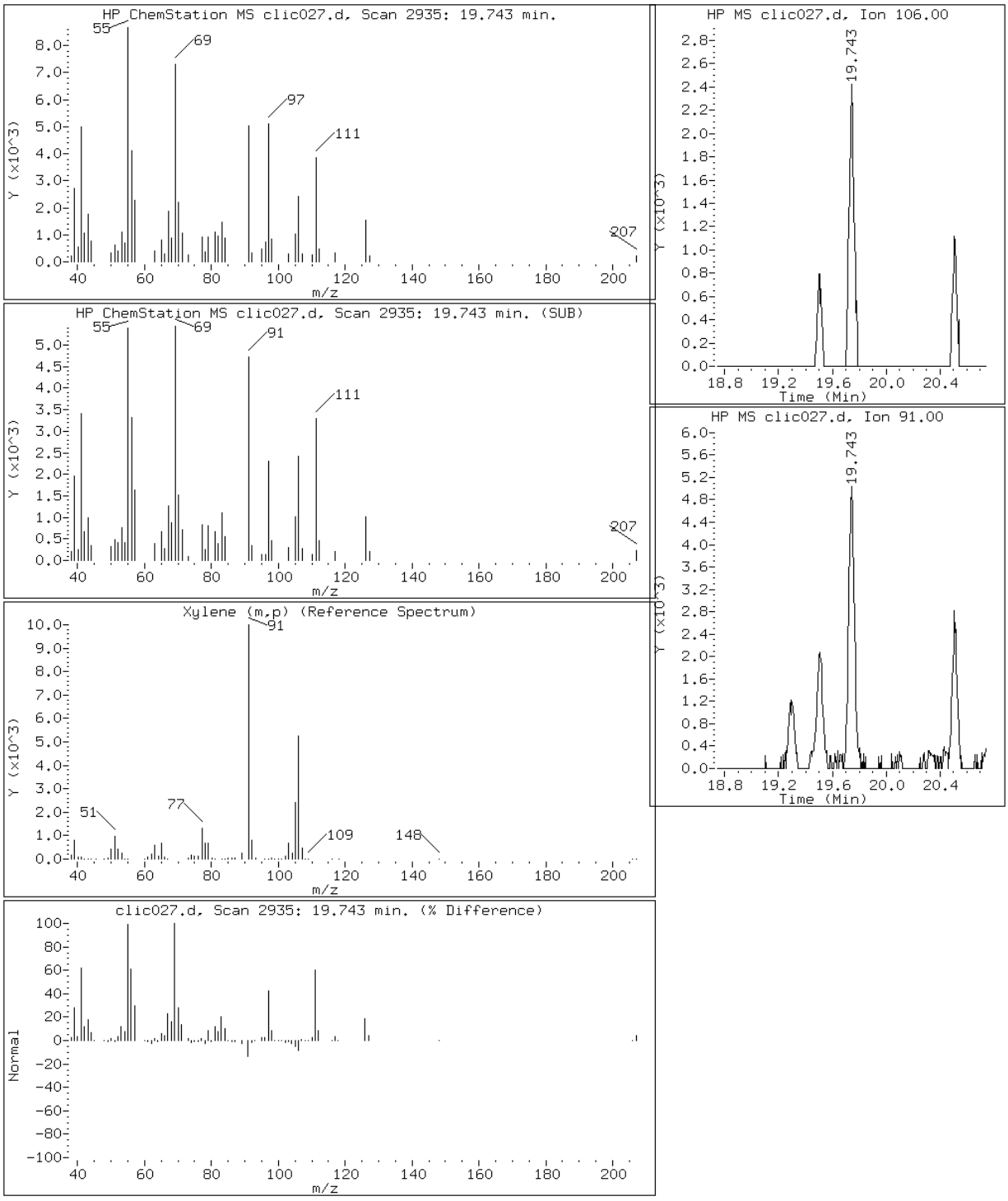
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

69 Xylene (m,p)



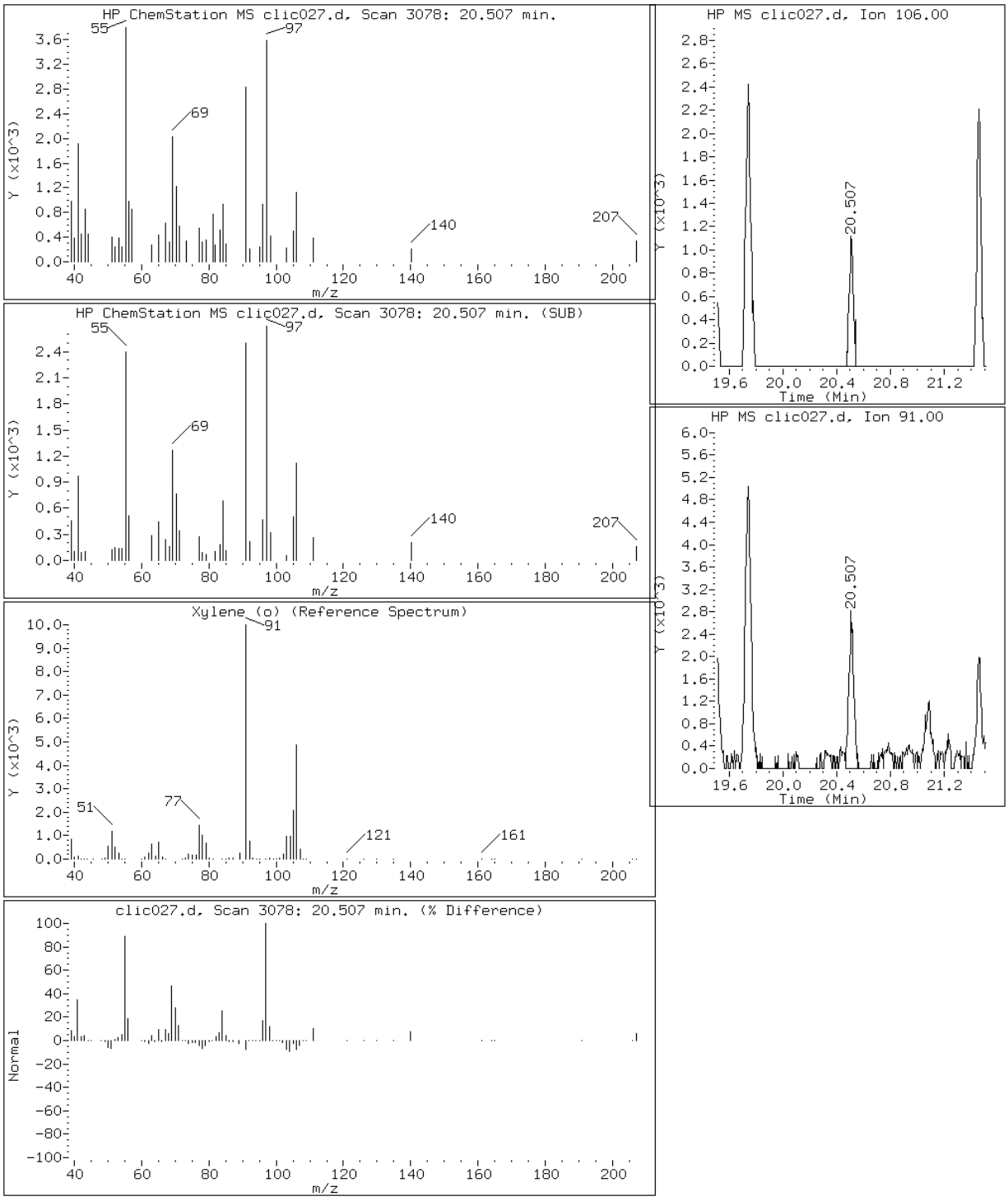
Data File: clic027.d

Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

Client ID: 785786CA01AH Instrument: C.i

Sample Info: 280-39216-A-2 Operator: wrd

71 Xylene (o)



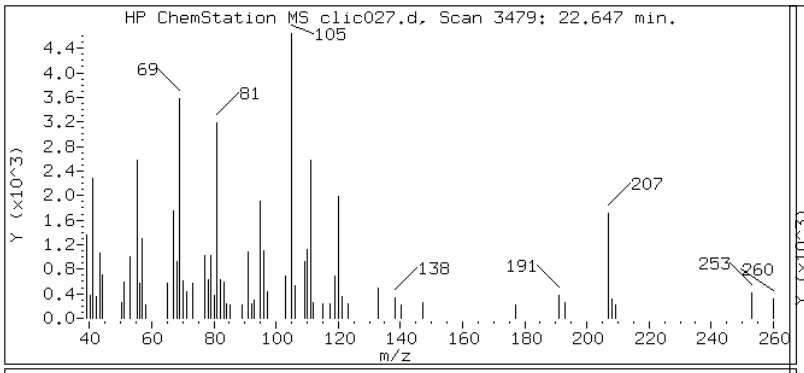
Data File: clic027.d

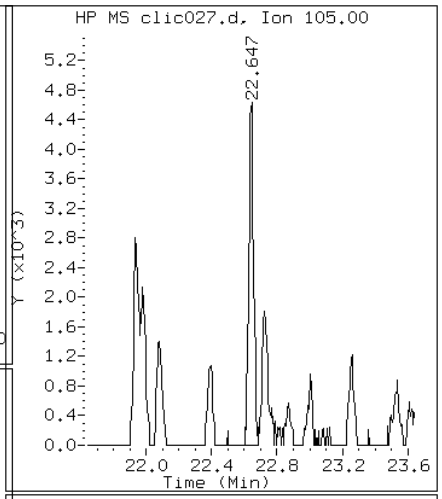
Lab Sample ID: 280-39216-2 Date: 13-MAR-2013 12:40

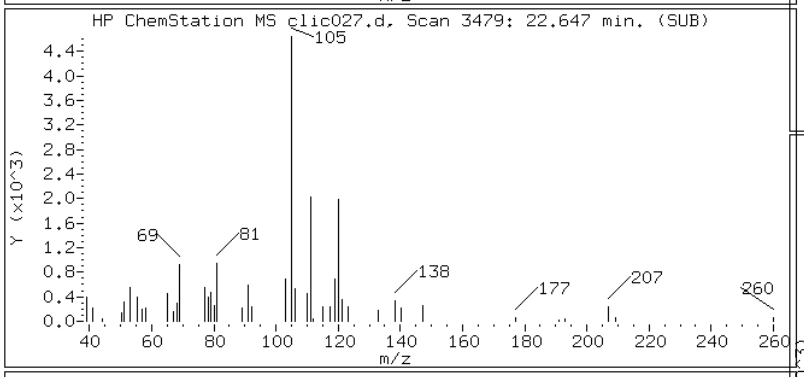
Client ID: 785786CA01AH Instrument: C.i

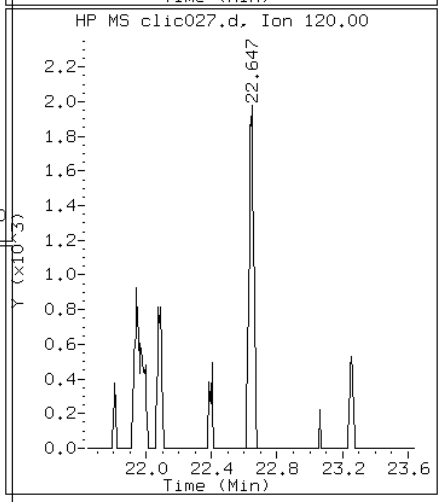
Sample Info: 280-39216-A-2 Operator: wrd

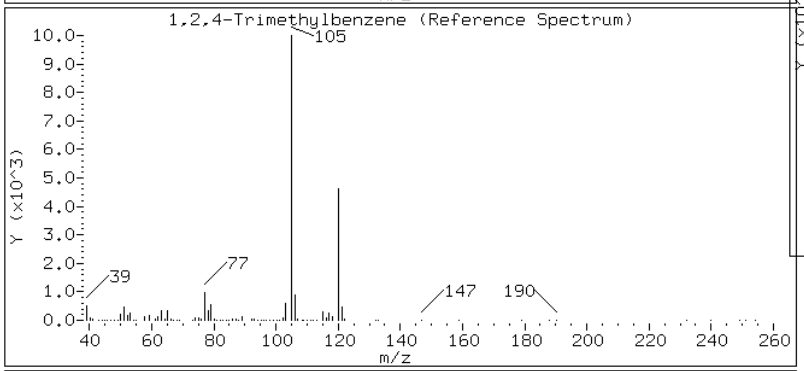
84 1,2,4-Trimethylbenzene

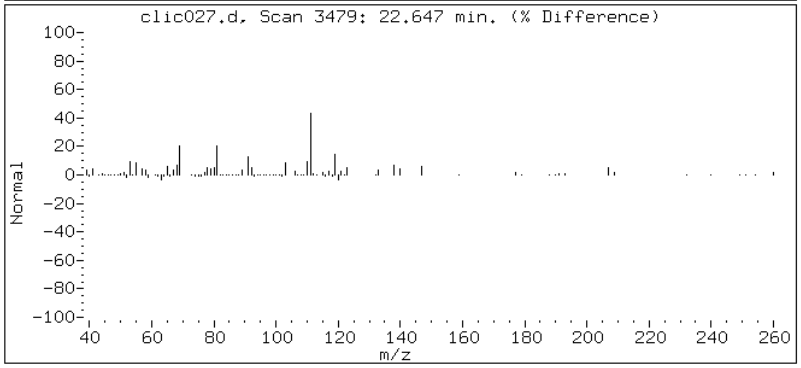












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA02AF Lab Sample ID: 280-39216-3

Matrix: Air Lab File ID: clic009.d

Analysis Method: TO-15 Date Collected: 02/15/2013 11:00

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 20:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.78		0.50	0.020
75-45-6	Freon 22	86.47	7.9		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.50		0.50	0.034
106-97-8	n-Butane	58.12	1.8		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	6.1		0.20	0.021
76-13-1	Freon TF	187.38	0.080	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	6.7		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	2.3	J	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.33	J	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.19	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.43	J	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.77		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.1		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.11	J	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	1.2	J	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.28		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.21		0.20	0.015
71-43-2	Benzene	78.11	0.085	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA02AF Lab Sample ID: 280-39216-3

Matrix: Air Lab File ID: clic009.d

Analysis Method: TO-15 Date Collected: 02/15/2013 11:00

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 20:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.38		0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.34		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.095	J	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.32	J	0.50	0.022
95-47-6	Xylene, o-	106.17	0.10	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.42		0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.11	J	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA02AF Lab Sample ID: 280-39216-3

Matrix: Air Lab File ID: clic009.d

Analysis Method: TO-15 Date Collected: 02/15/2013 11:00

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 20:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA02AF Lab Sample ID: 280-39216-3

Matrix: Air Lab File ID: clic009.d

Analysis Method: TO-15 Date Collected: 02/15/2013 11:00

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 20:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.9		2.5	0.099
75-45-6	Freon 22	86.47	28		1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.0		1.0	0.070
106-97-8	n-Butane	58.12	4.3		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	34		1.1	0.12
76-13-1	Freon TF	187.38	0.61	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	16		12	0.95
67-63-0	Isopropyl alcohol	60.10	5.7	J	12	0.19
75-15-0	Carbon disulfide	76.14	1.0	J	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.67	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	1.3	J	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.7		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	3.2		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.54	J	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	3.5	J	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.96		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.97		0.93	0.070
71-43-2	Benzene	78.11	0.27	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA02AF Lab Sample ID: 280-39216-3

Matrix: Air Lab File ID: clic009.d

Analysis Method: TO-15 Date Collected: 02/15/2013 11:00

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 20:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.6		0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	1.3		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.41	J	0.87	0.065
179601-23-1	m,p-Xylene	106.17	1.4	J	2.2	0.096
95-47-6	Xylene, o-	106.17	0.44	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	1.8		0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.54	J	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 774776CA02AF Lab Sample ID: 280-39216-3

Matrix: Air Lab File ID: clic009.d

Analysis Method: TO-15 Date Collected: 02/15/2013 11:00

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 20:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39216-3
Client Smp ID: 774776CA02AF
Inj Date : 12-MAR-2013 20:50
Operator : wrd Inst ID: C.i
Smp Info : 280-39216-A-3
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/to15v5.m
Meth Date : 13-Mar-2013 14:10 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.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)
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	77913	0.77916	0.78
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	428491	7.94292	7.9
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.779	4.779	(0.400)	15181	0.50403	0.50
6 Butane	43	5.040	5.046	(0.422)	91229	1.82882	1.8
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	603263	6.12834	6.1
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.157	8.157	(0.682)	268493	6.74564	6.7

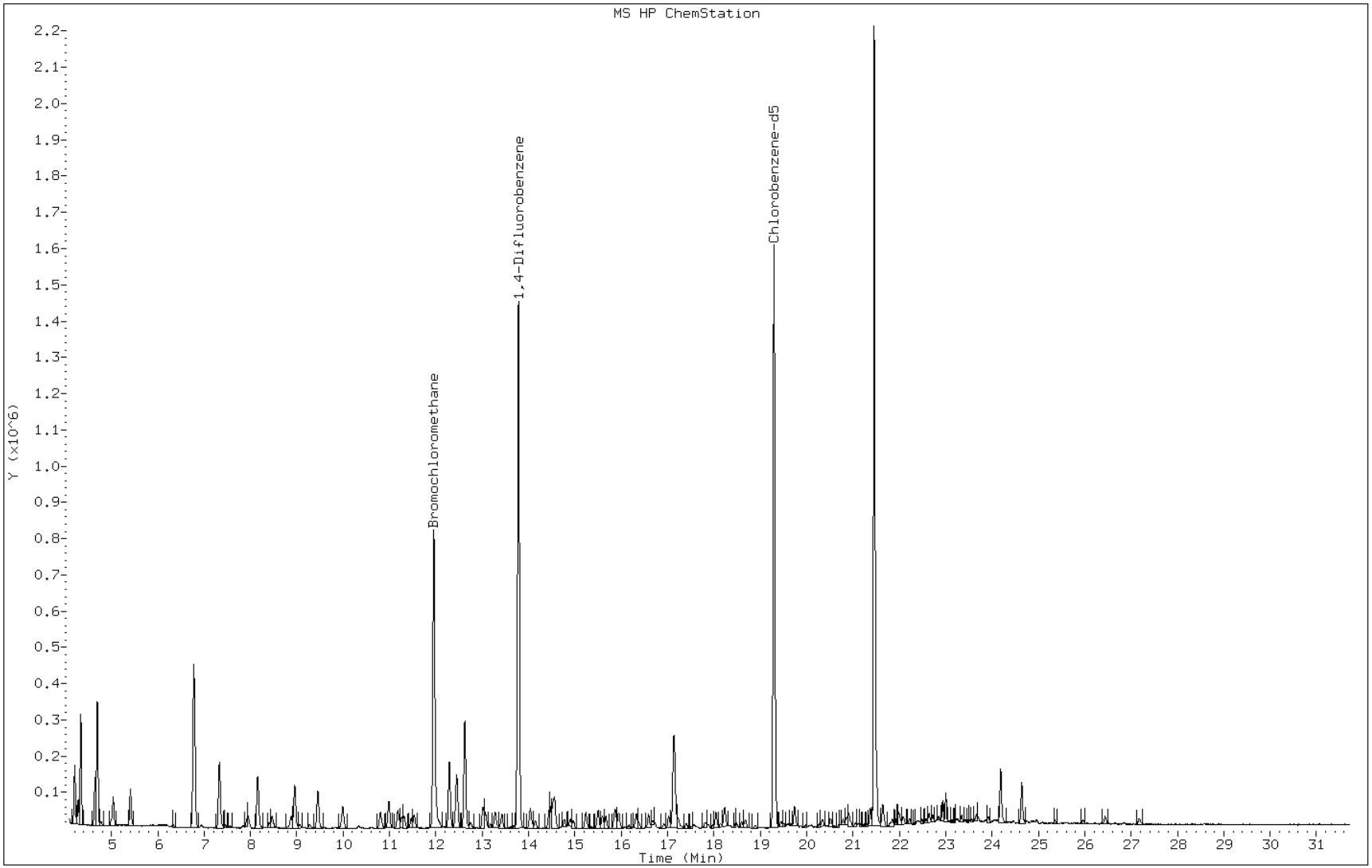
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	21 Carbon disulfide	76	8.408	8.408	(0.703)	31108	0.32912	0.33(a)
	22 Isopropanol	45	8.467	8.461	(0.708)	66998	2.30146	2.3(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.059	9.059	(0.758)	6837	0.19174	0.19(a)
	26 Tert-butyl alcohol	59	9.283	9.267	(0.776)	17924	0.42529	0.43(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.993	9.998	(0.836)	42785	0.77472	0.77
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.535	11.530	(0.965)	16455	1.08912	1.1(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	292695	10.0000	
	38 Tetrahydrofuran	42	12.021	12.016	(0.872)	35940	1.19495	1.2(a)
	39 Chloroform	83	12.080	12.074	(1.010)	8376	0.11026	0.11(a)
	40 Cyclohexane	84	12.427	12.427	(0.902)	13812	0.27807	0.28(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	35034	0.20732	0.21(Q)
	44 Benzene	78	13.051	13.051	(0.947)	9932	0.08508	0.085(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	13.419	13.419	(0.974)	23480	0.38176	0.38
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1680283	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.595	16.589	(0.860)	24449	0.33710	0.34
	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	19.295	19.295	(1.000)	1411487	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	19.509	19.509	(1.011)	14507	0.09534	0.095(a)
	69 Xylene (m,p)	106	19.738	19.743	(1.023)	18355	0.32069	0.32(a)
M	70 Xylenes, Total	106				23929	0.42146	0.42
	71 Xylene (o)	106	20.512	20.512	(1.063)	5574	0.10077	0.10(aQ)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	15015	0.10923	0.11(aH)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clic009.d	Date:	12-MAR-2013 20:50
Client ID:	774776CA02AF	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39216-A-3		
Lab Sample ID:	280-39216-3		



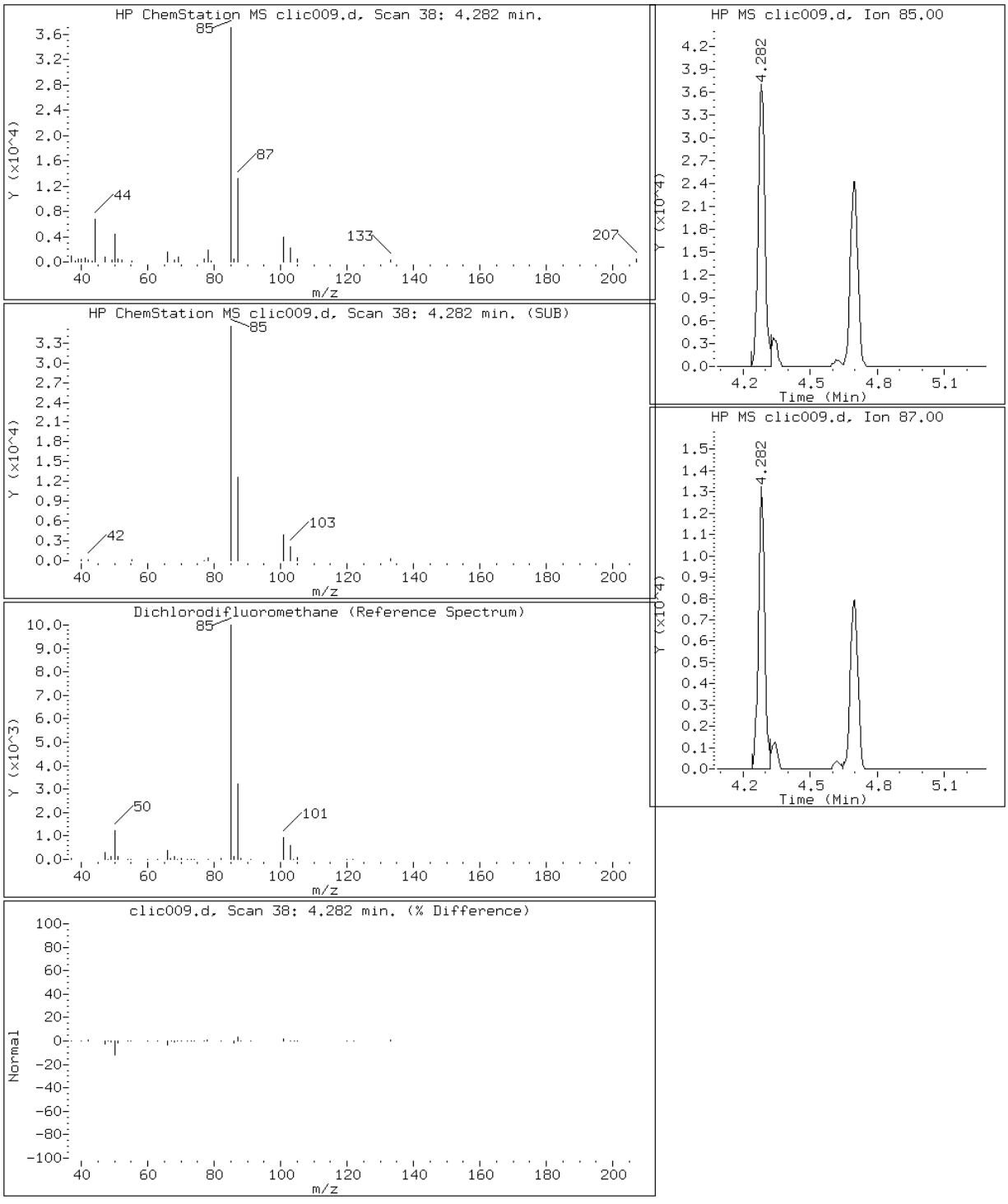
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Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

2 Dichlorodifluoromethane



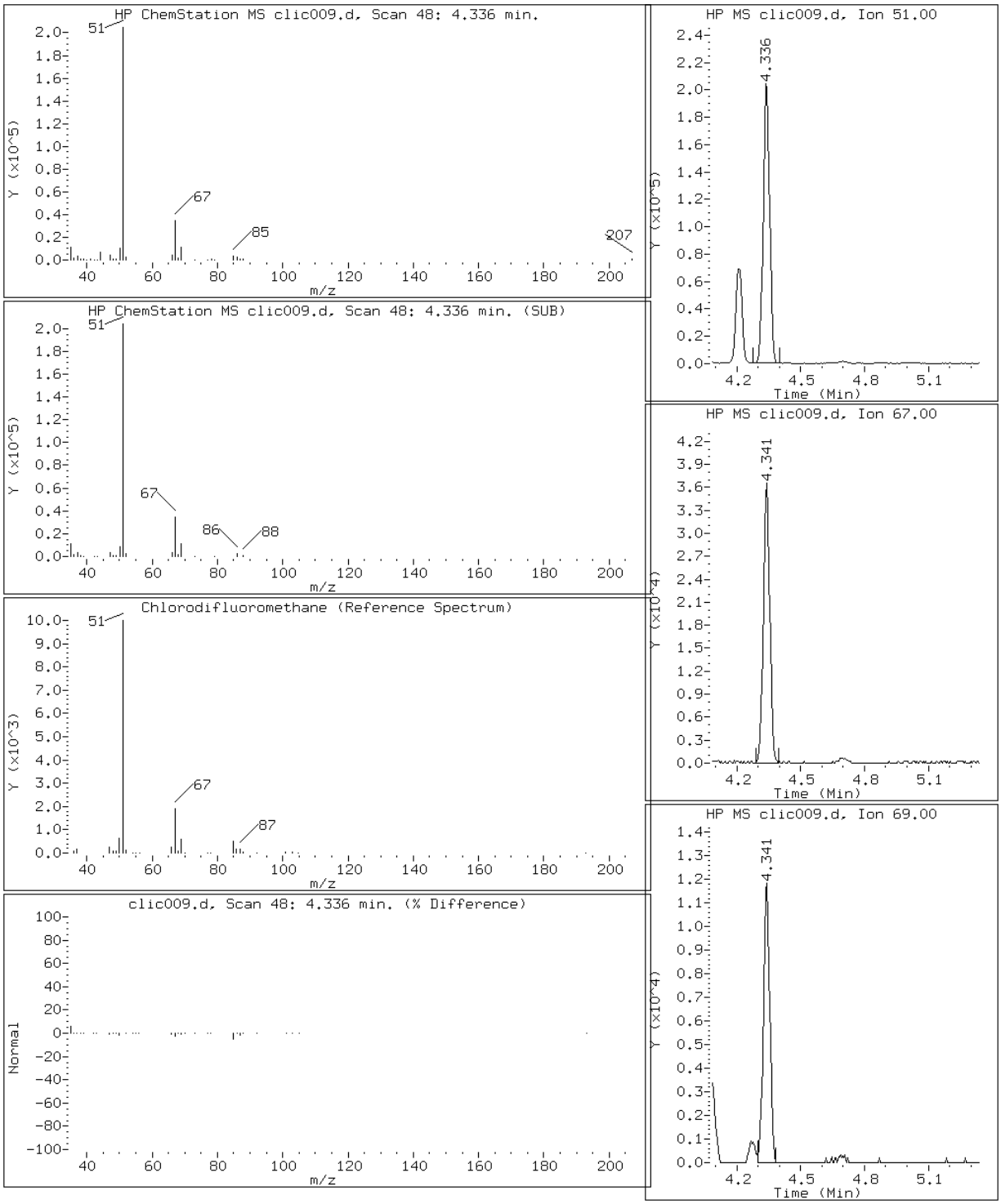
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Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

3 Chlorodifluoromethane



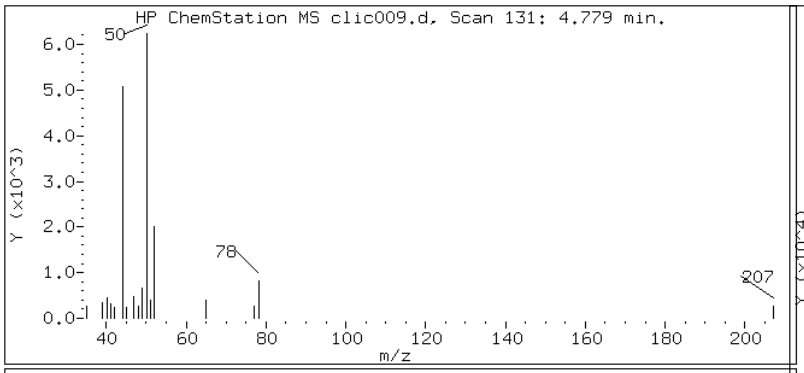
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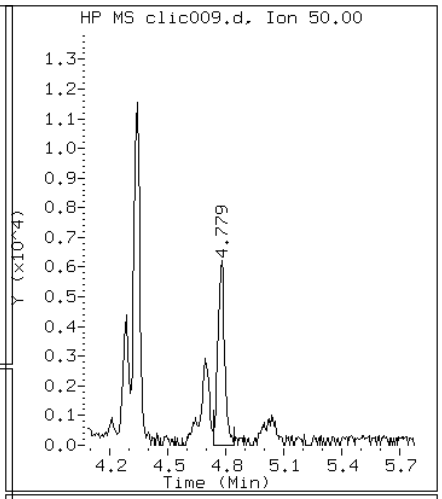
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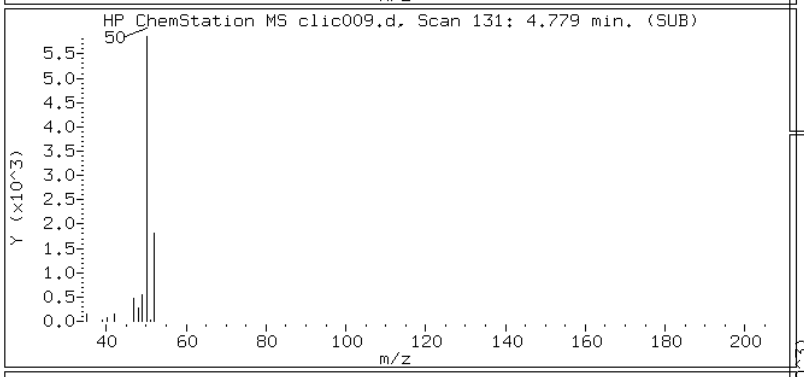
Client ID: 774776CA02AF Instrument: C.i

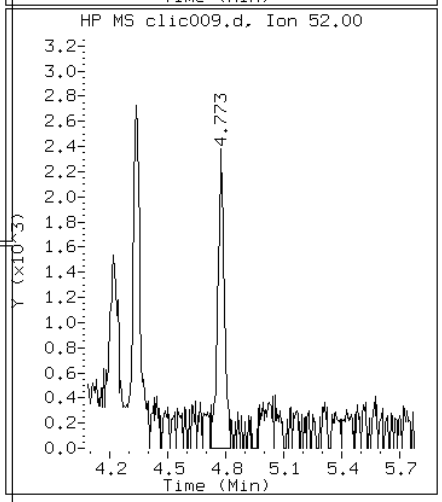
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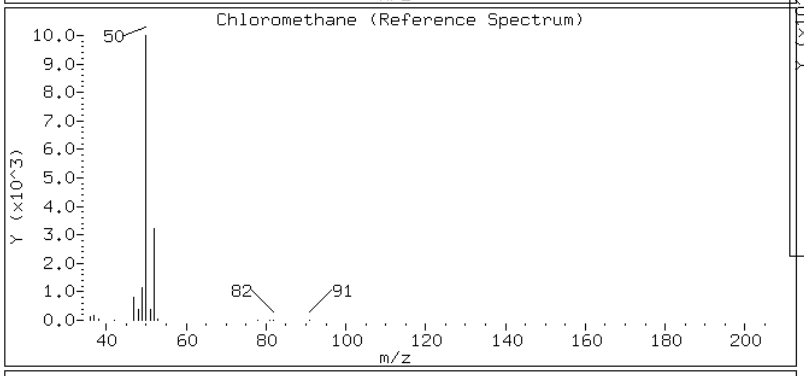
5 Chloromethane

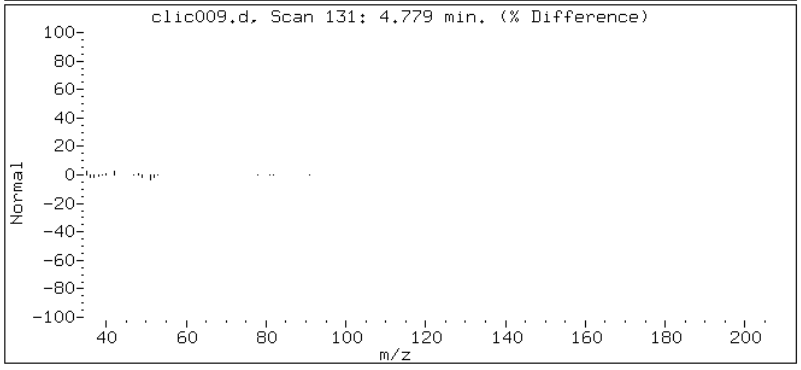












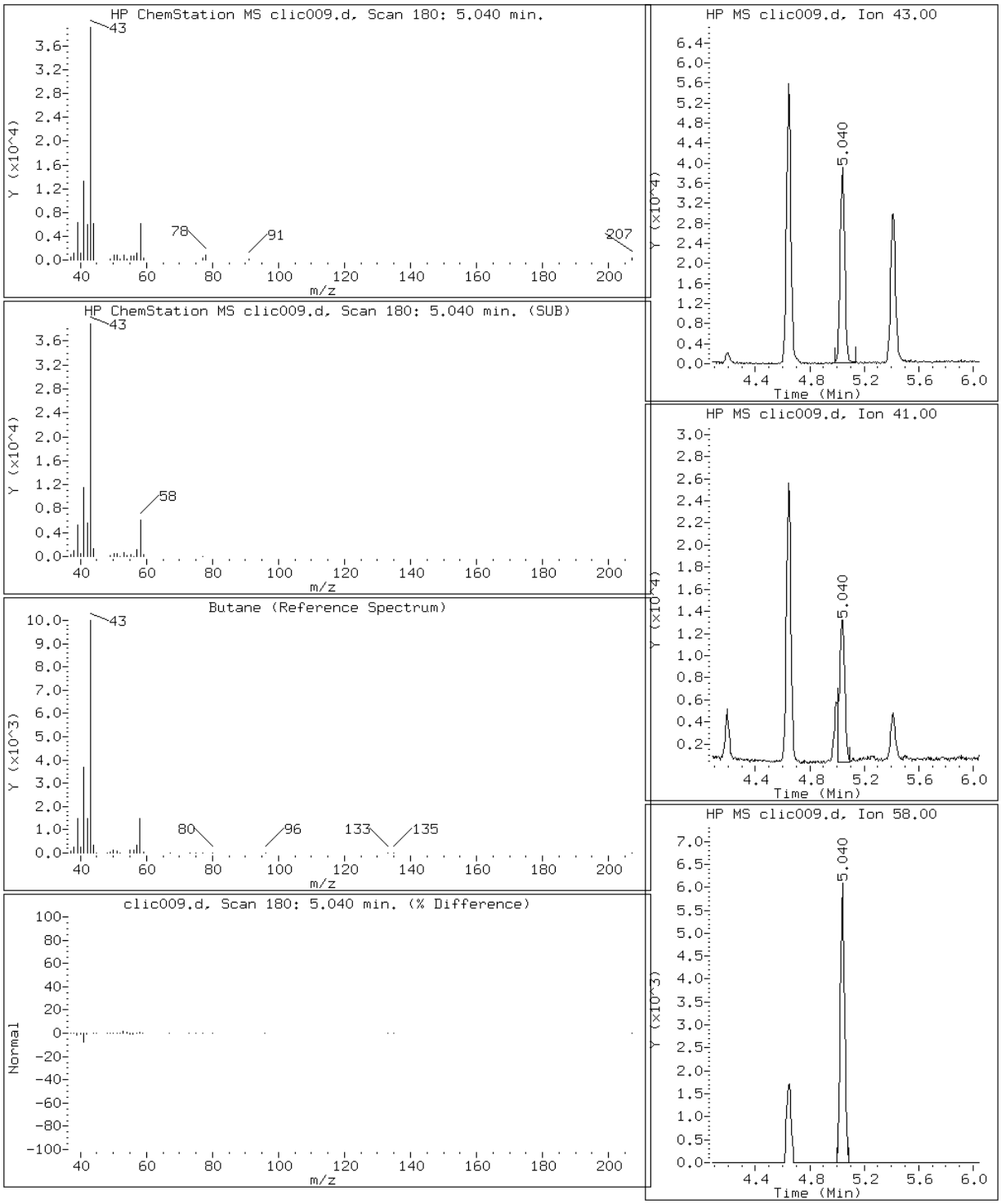
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

6 Butane



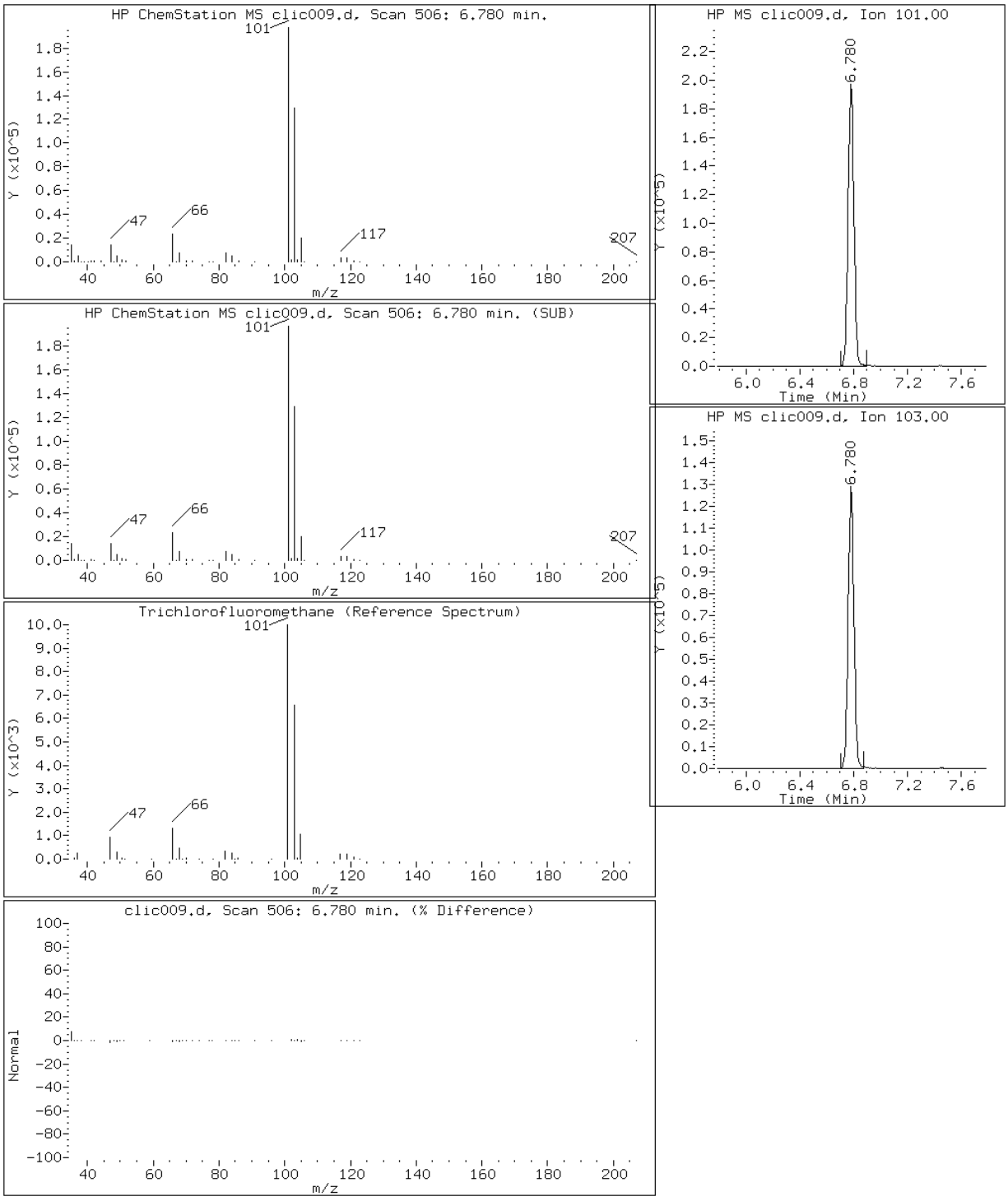
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

13 Trichlorofluoromethane



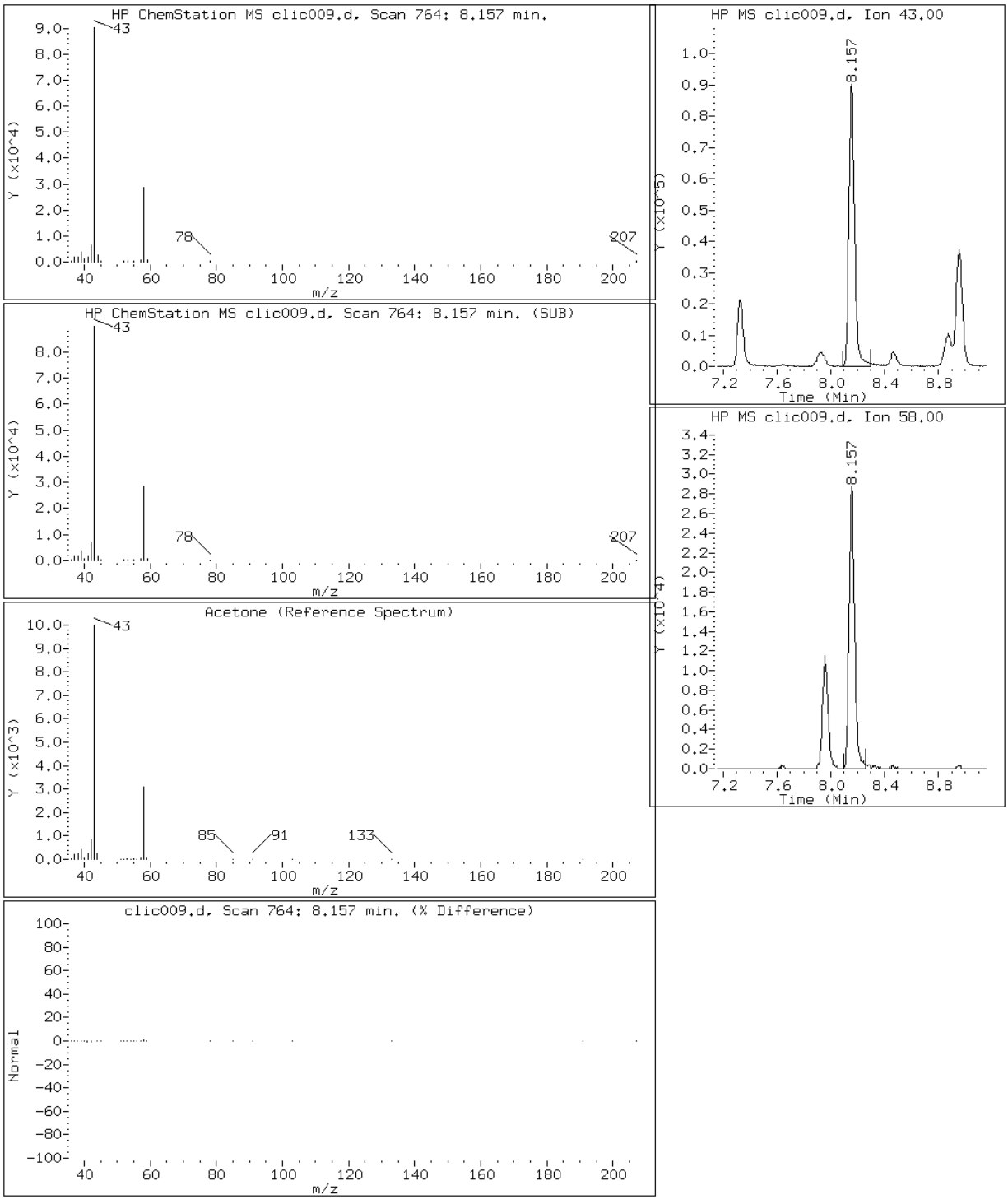
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

20 Acetone



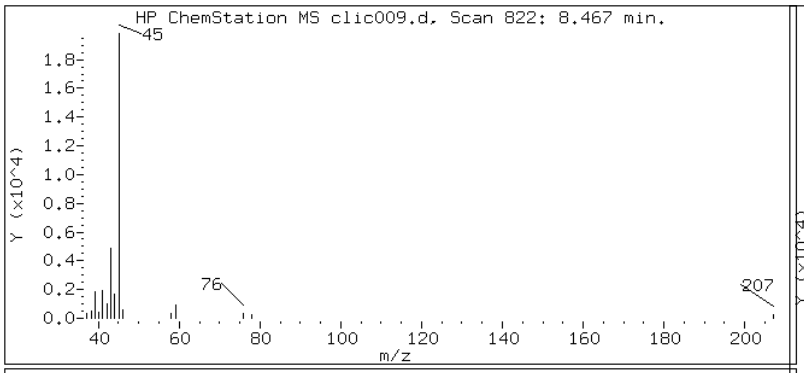
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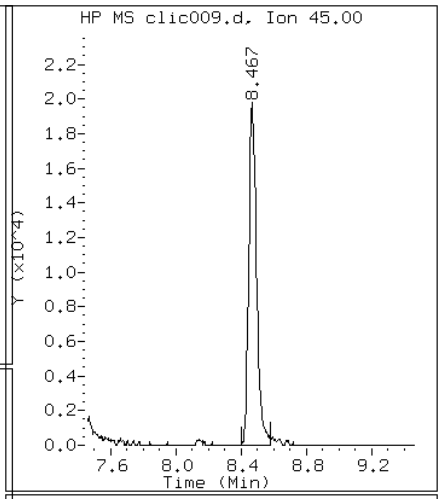
Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

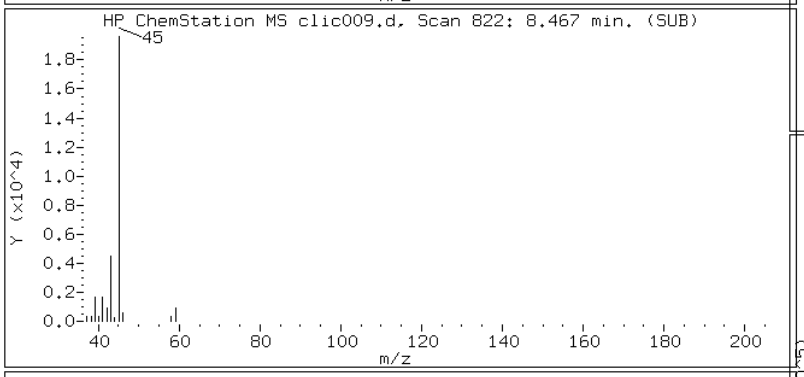
Client ID: 774776CA02AF Instrument: C.i

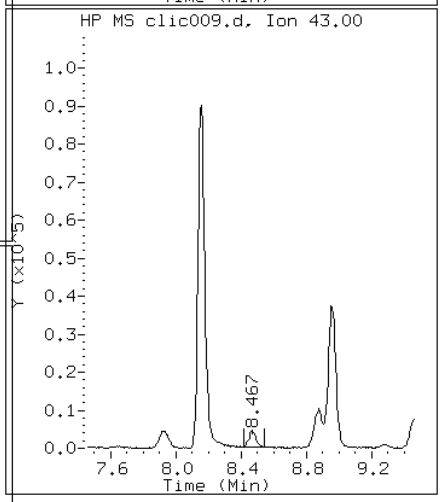
Sample Info: 280-39216-A-3 Operator: wrd

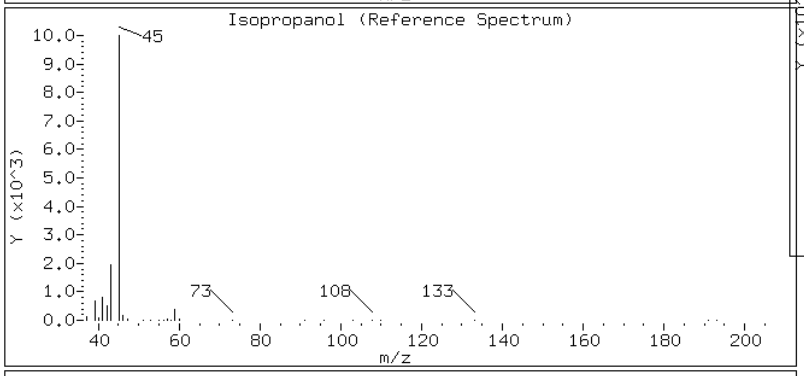
22 Isopropanol

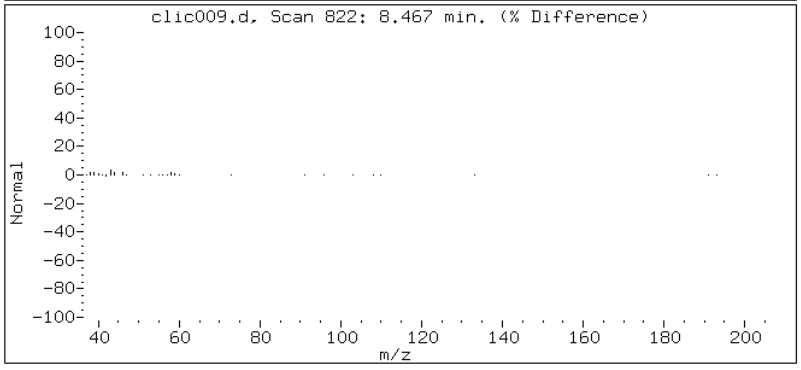












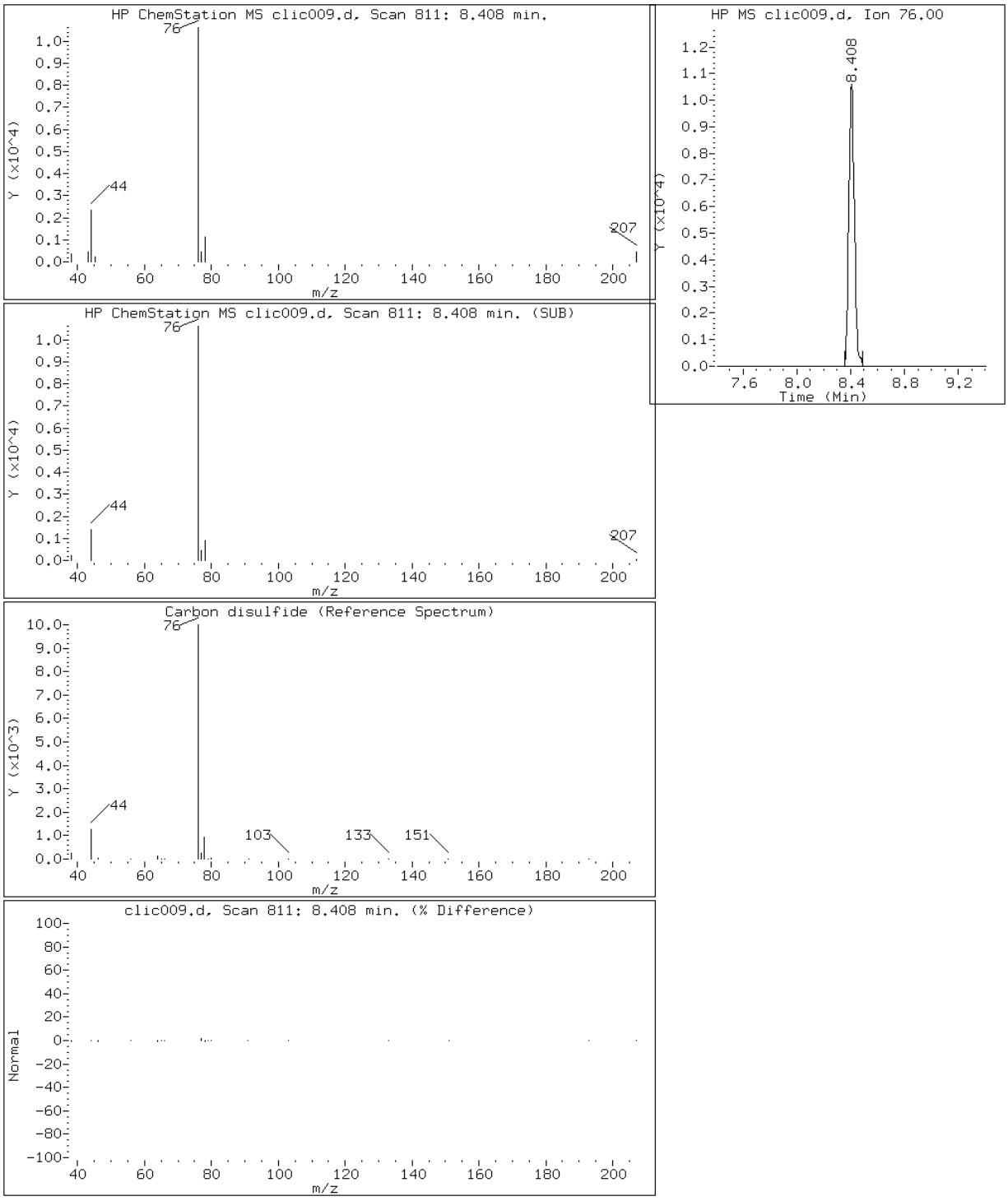
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

21 Carbon disulfide



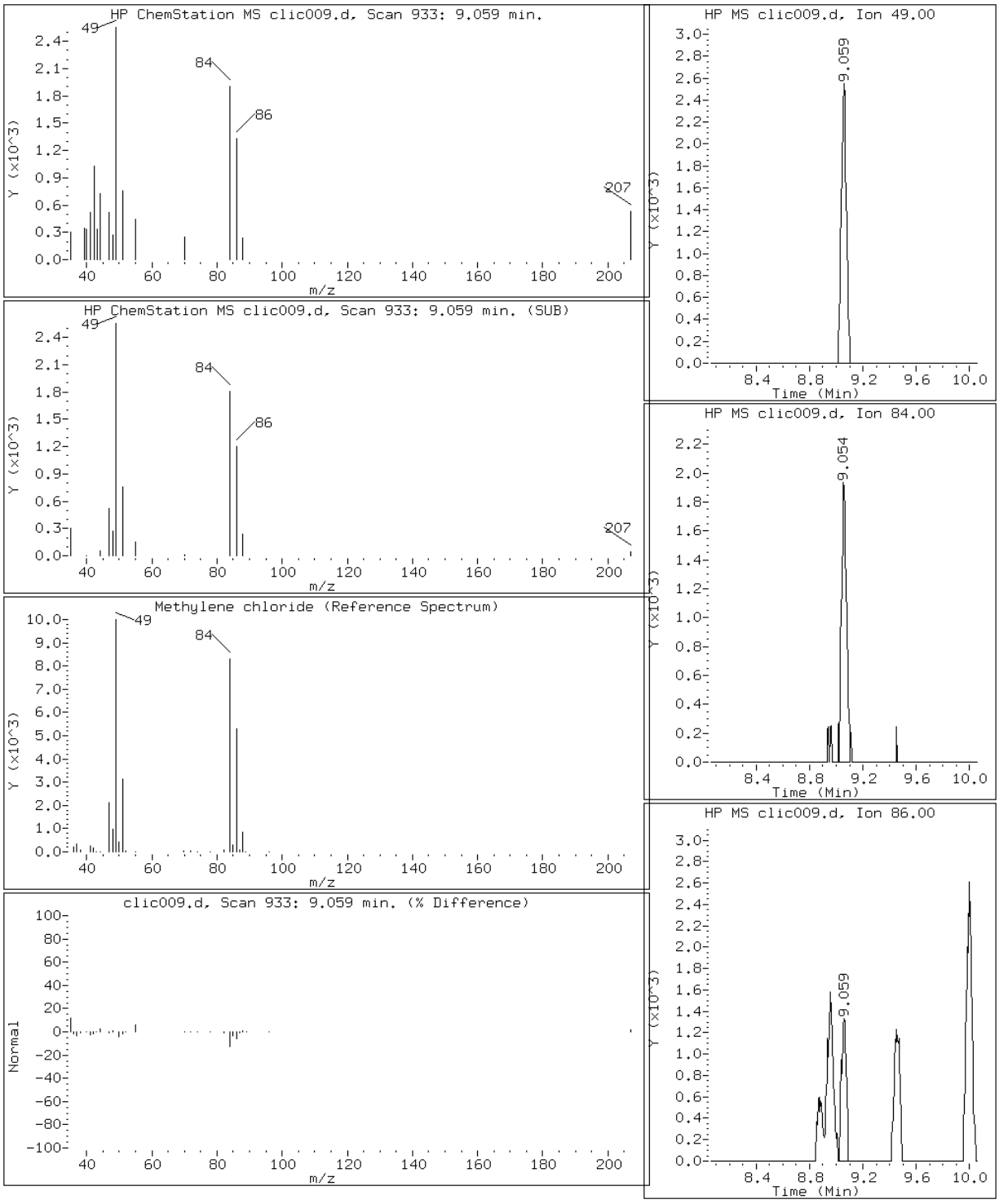
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

25 Methylene chloride



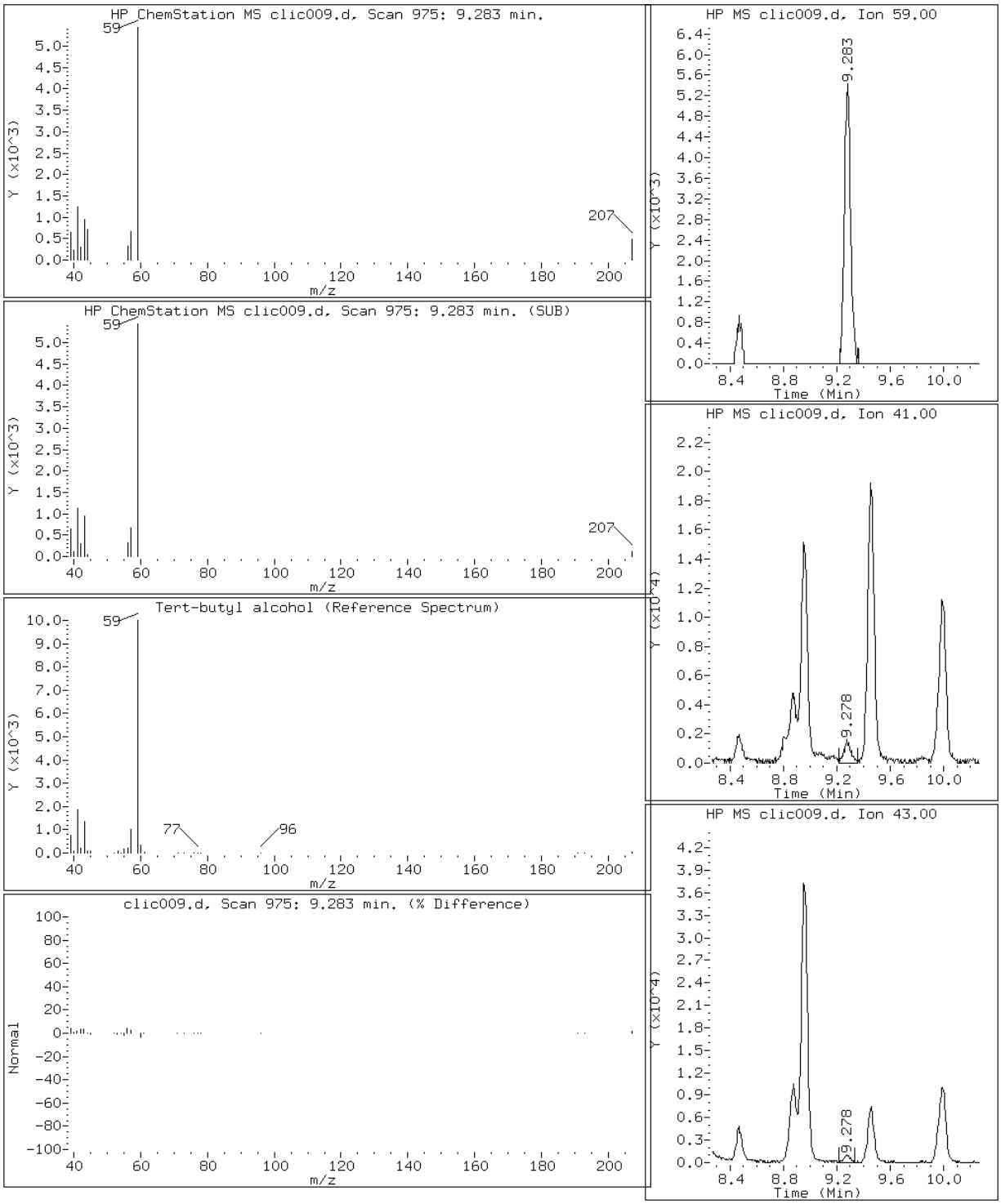
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

26 Tert-butyl alcohol



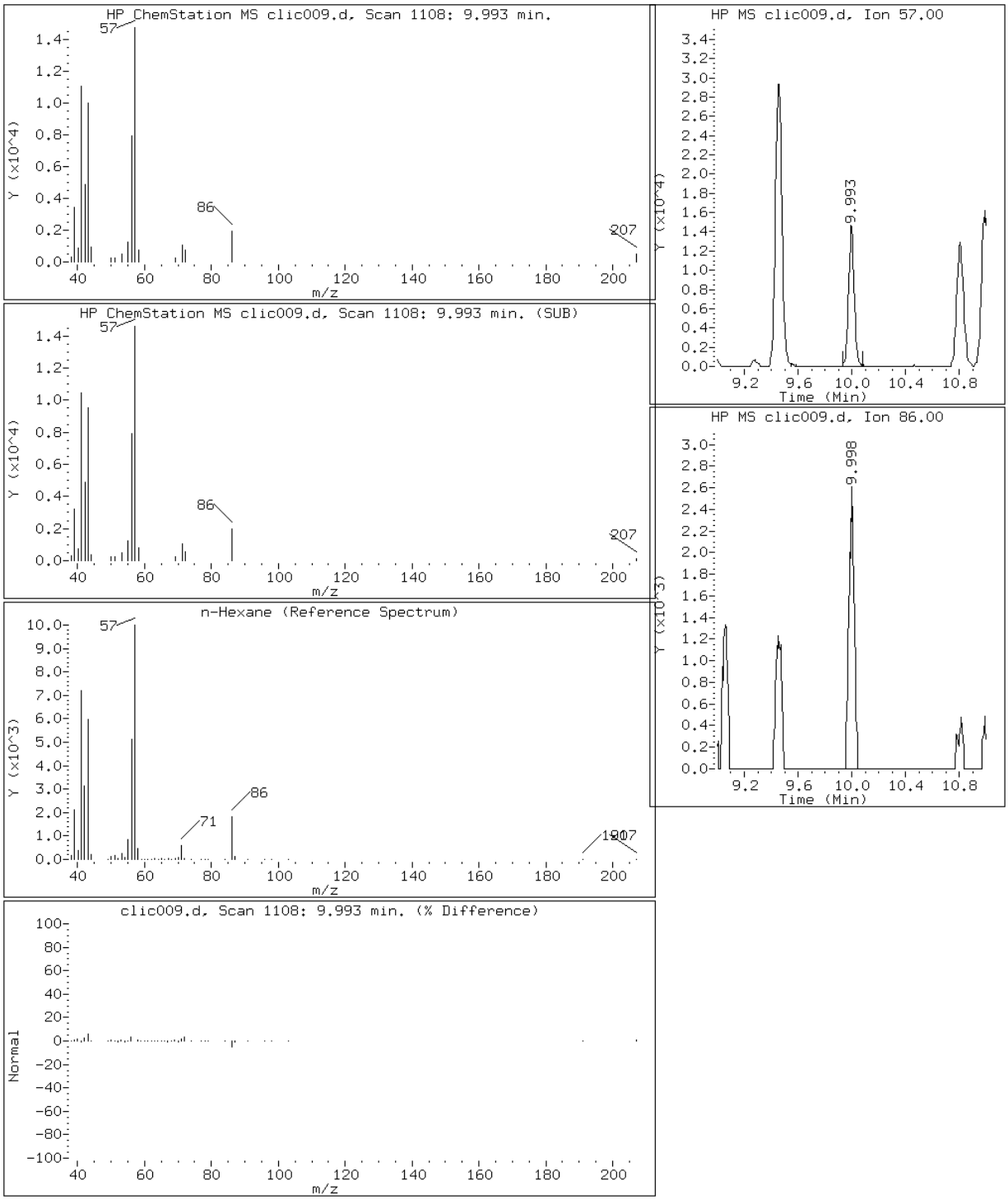
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

30 n-Hexane



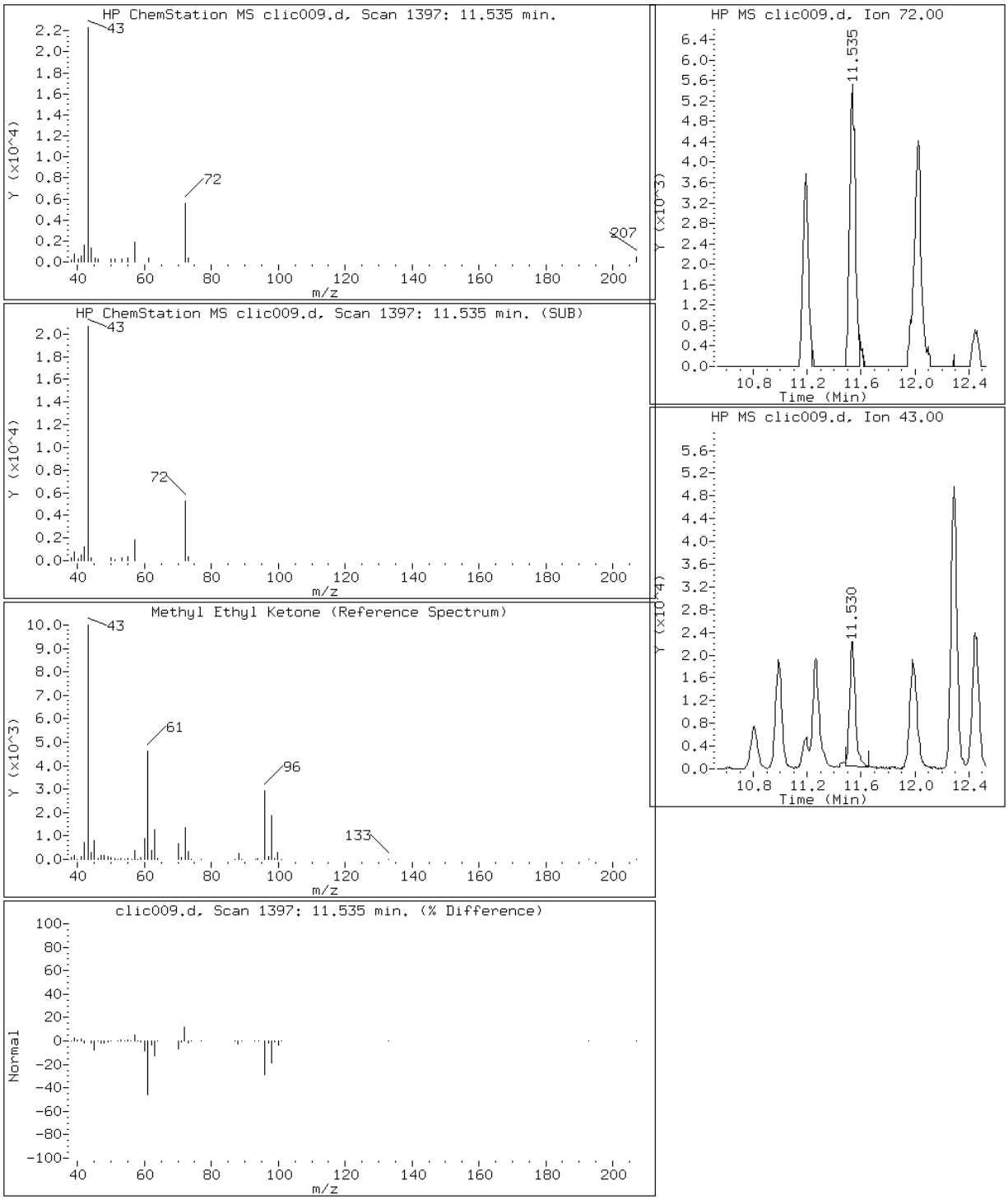
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

36 Methyl Ethyl Ketone



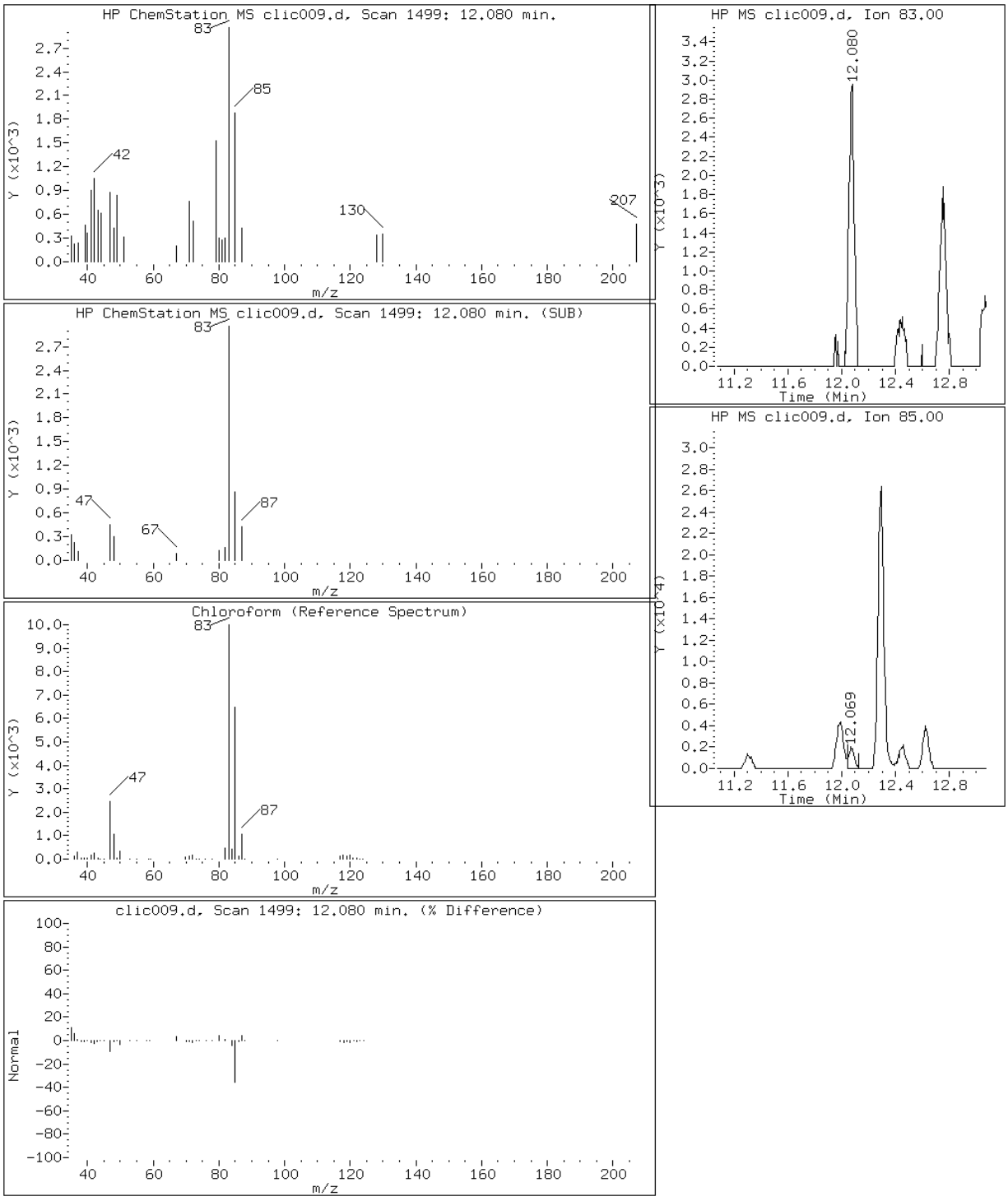
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

39 Chloroform



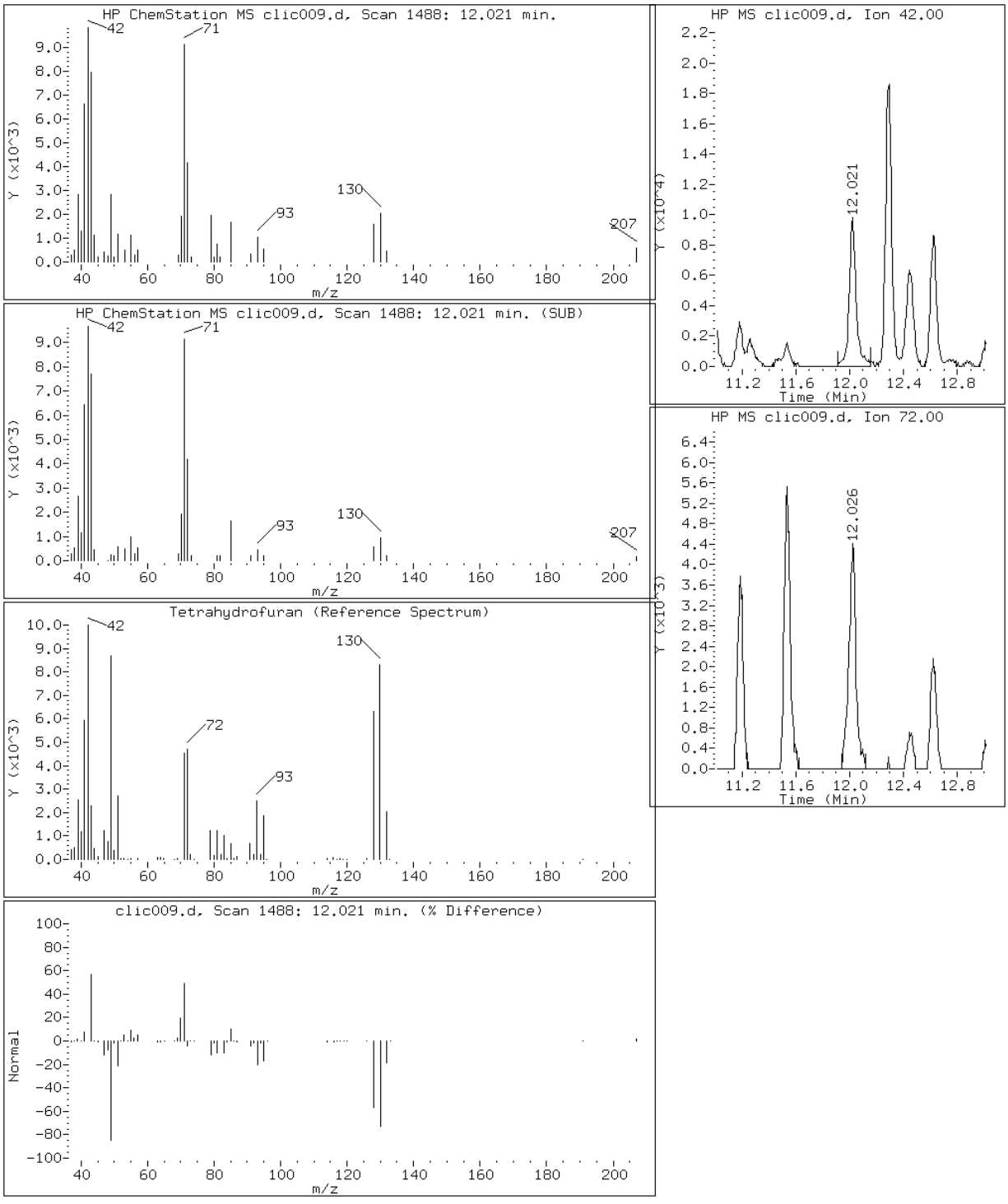
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

38 Tetrahydrofuran



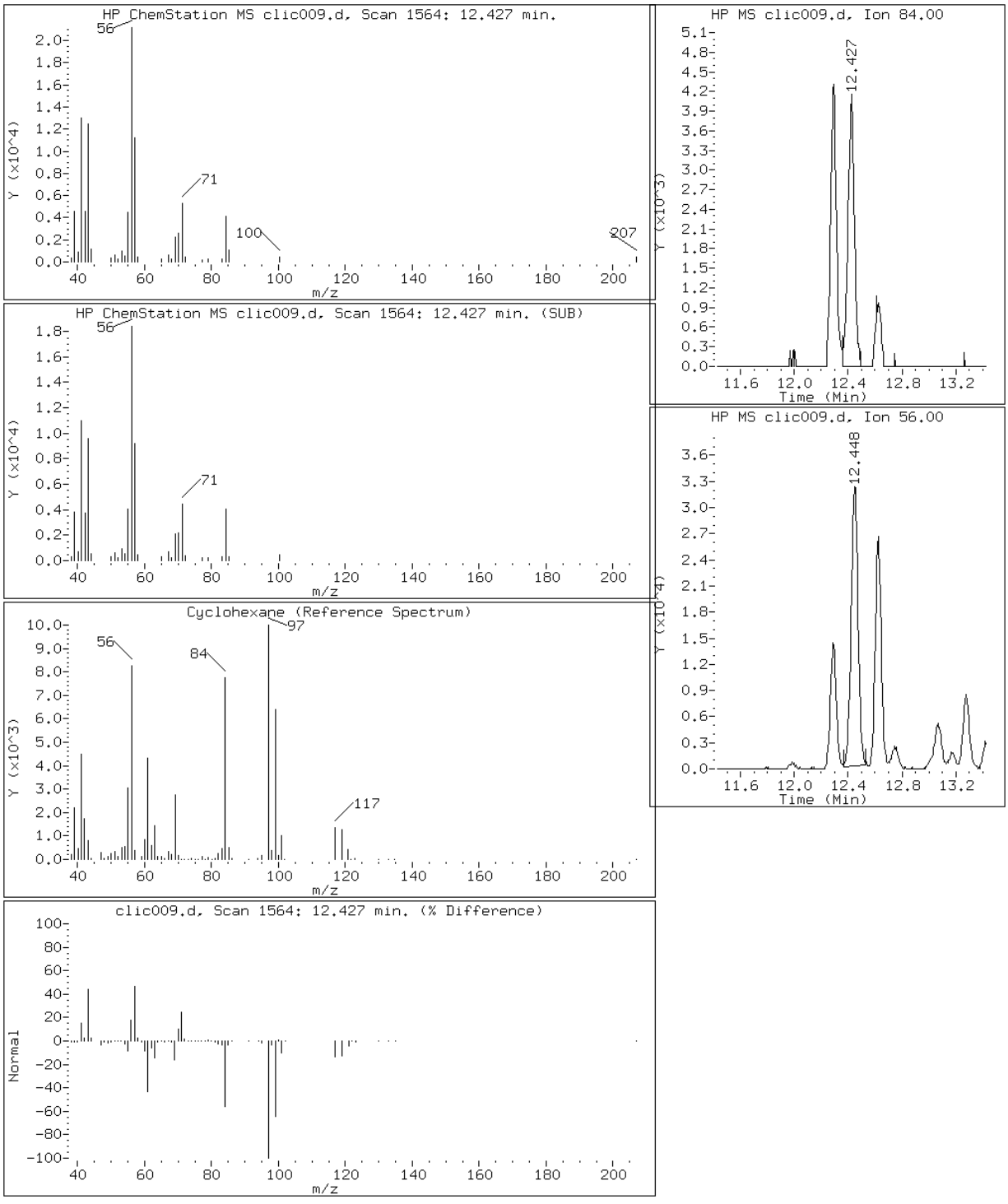
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

40 Cyclohexane



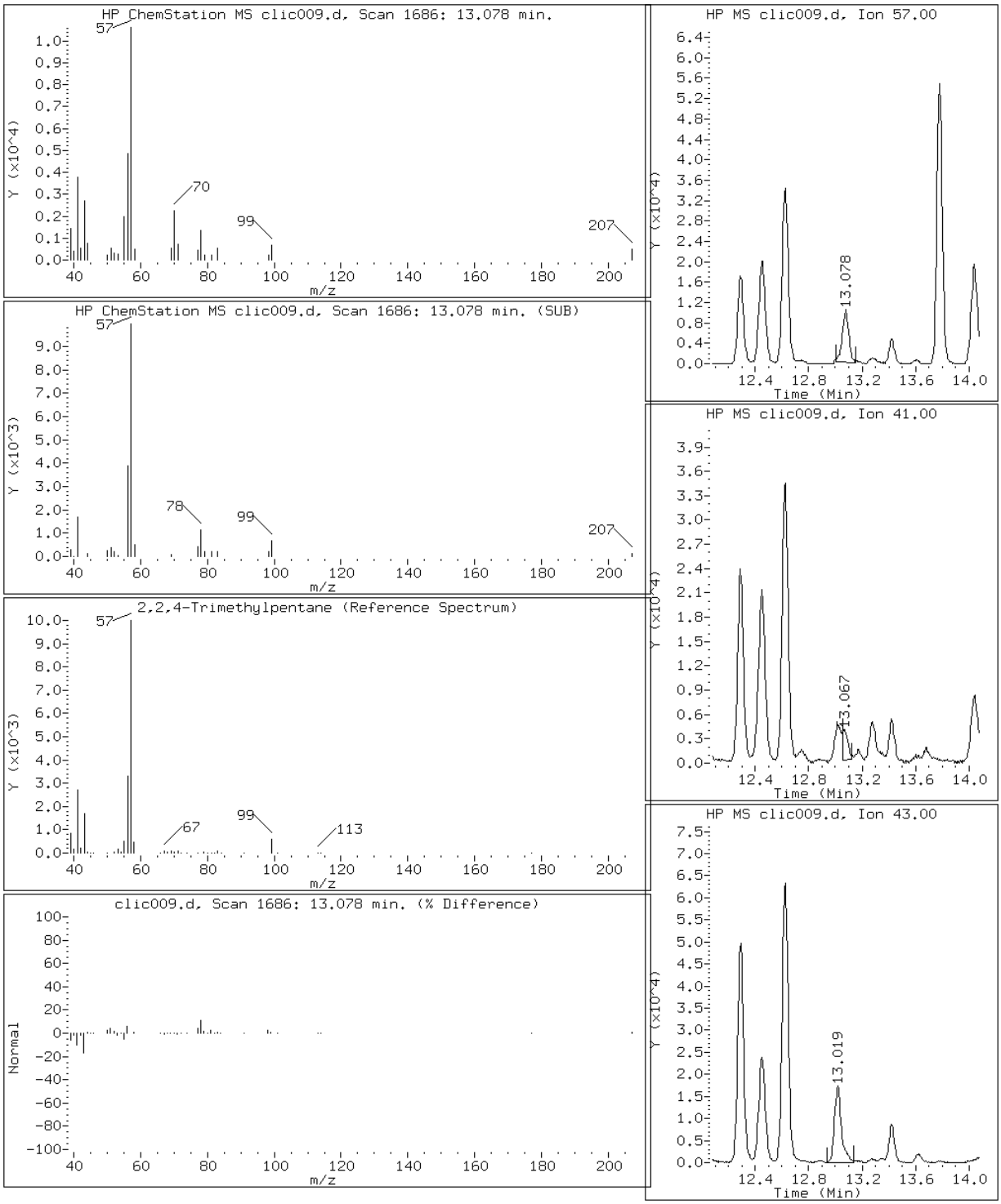
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

43 2,2,4-Trimethylpentane



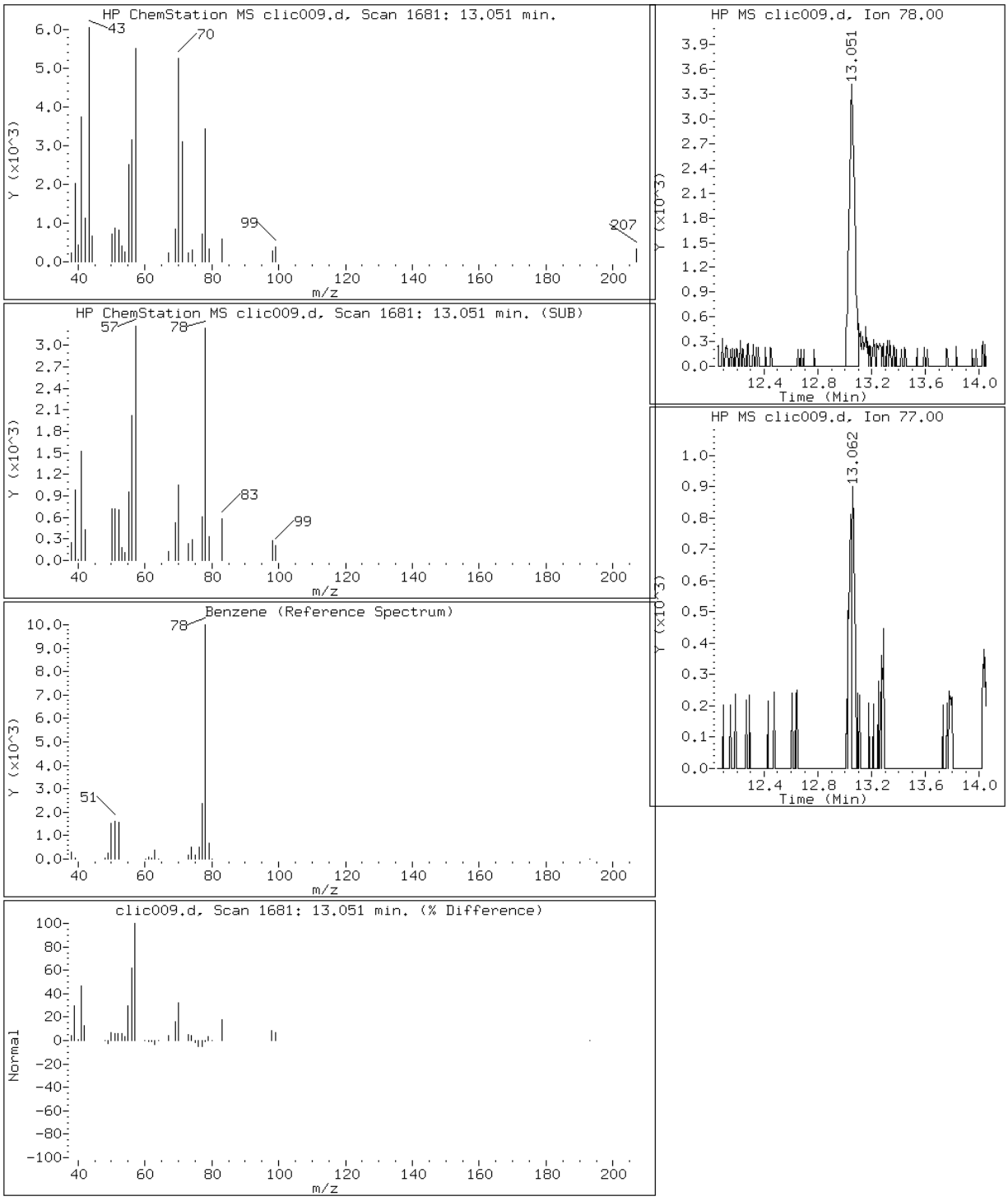
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

44 Benzene



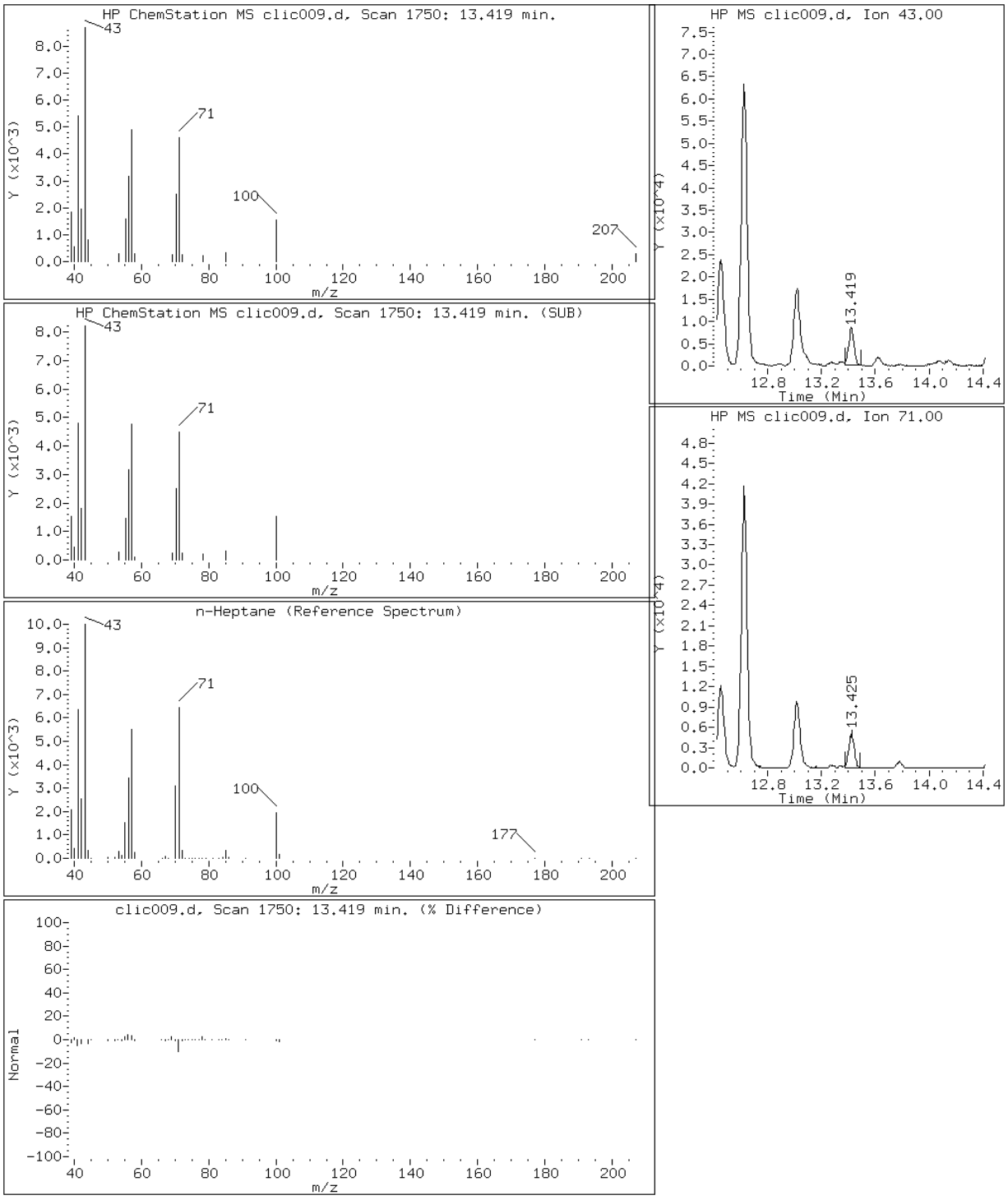
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

46 n-Heptane



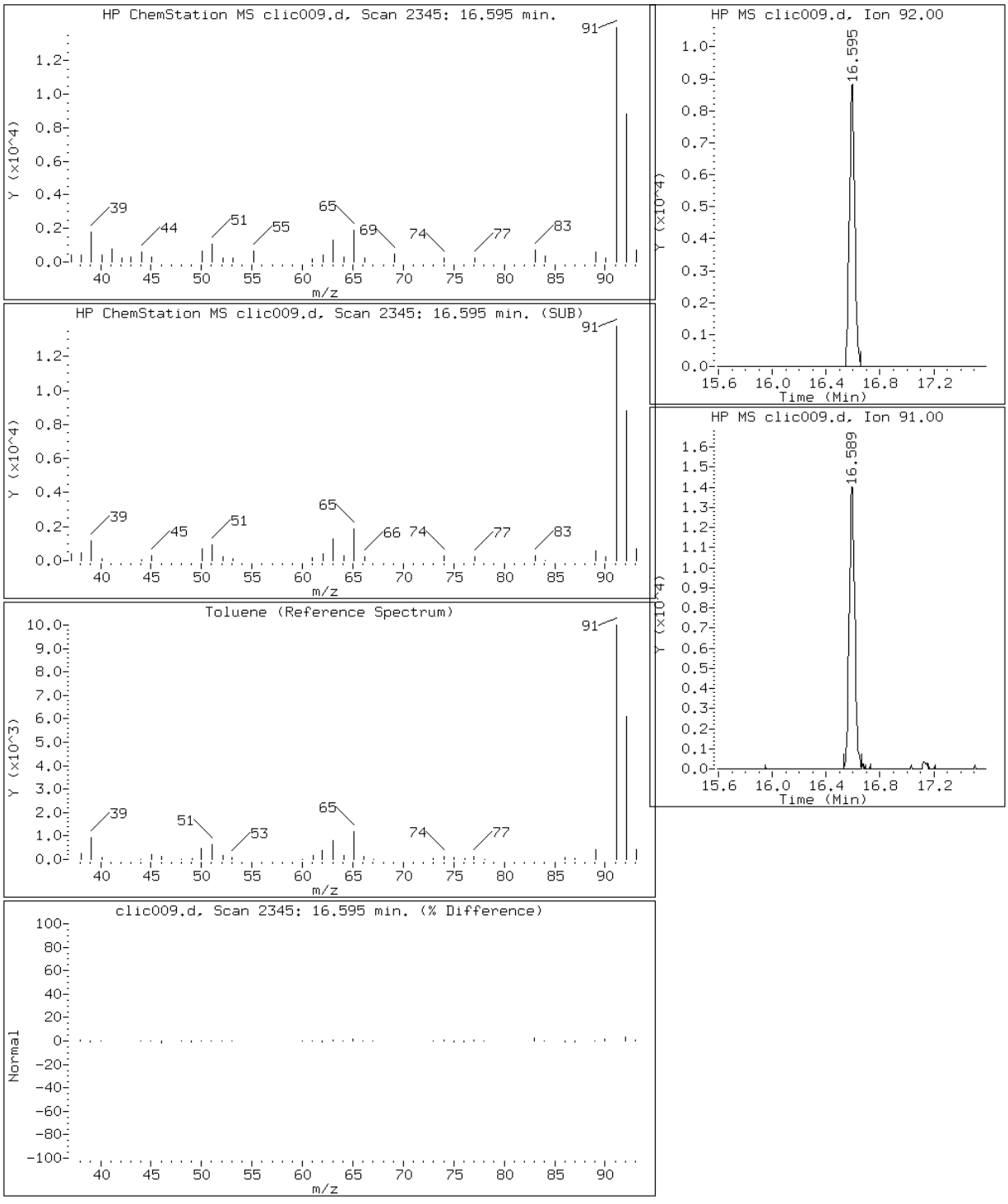
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

58 Toluene



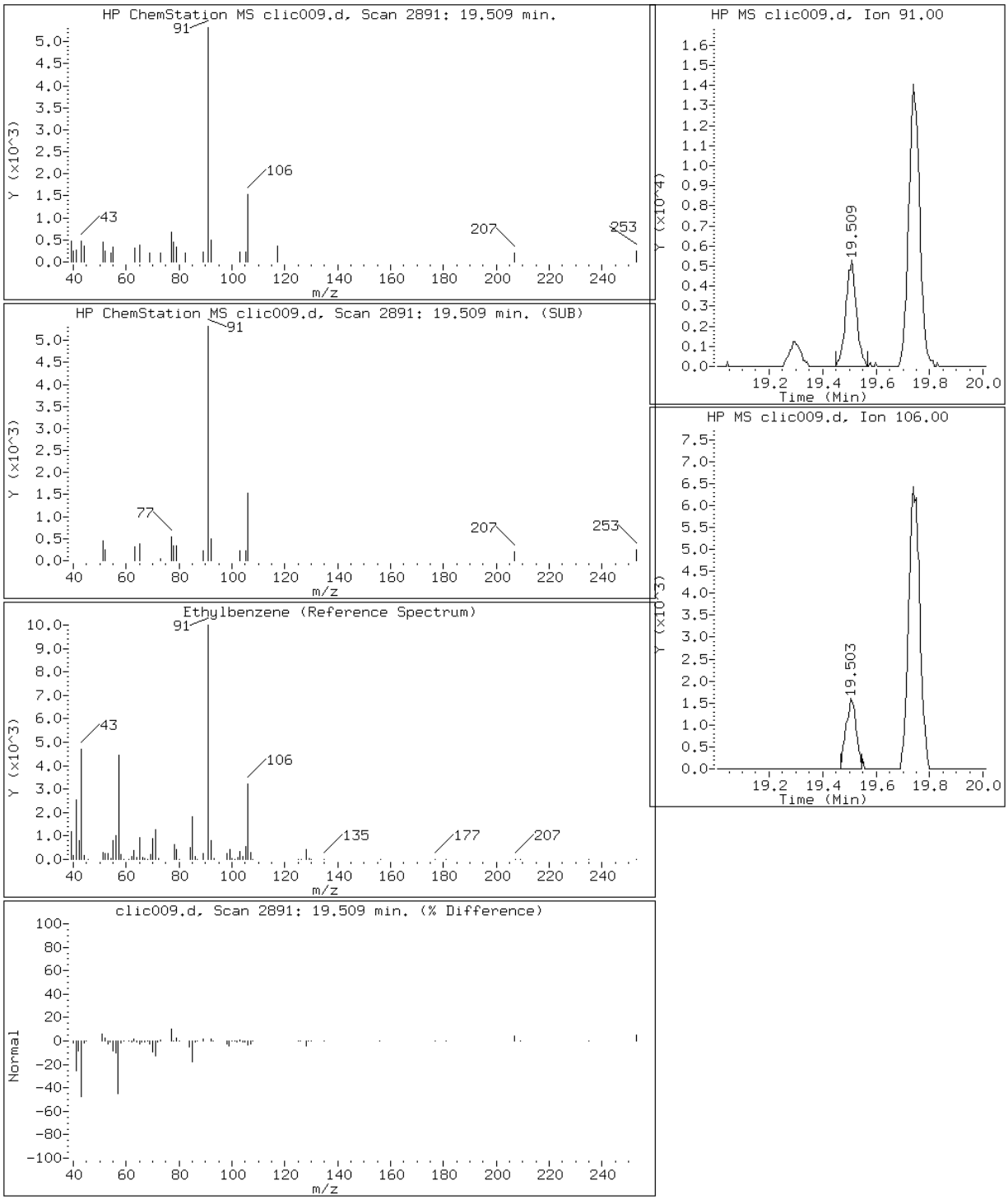
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

68 Ethylbenzene



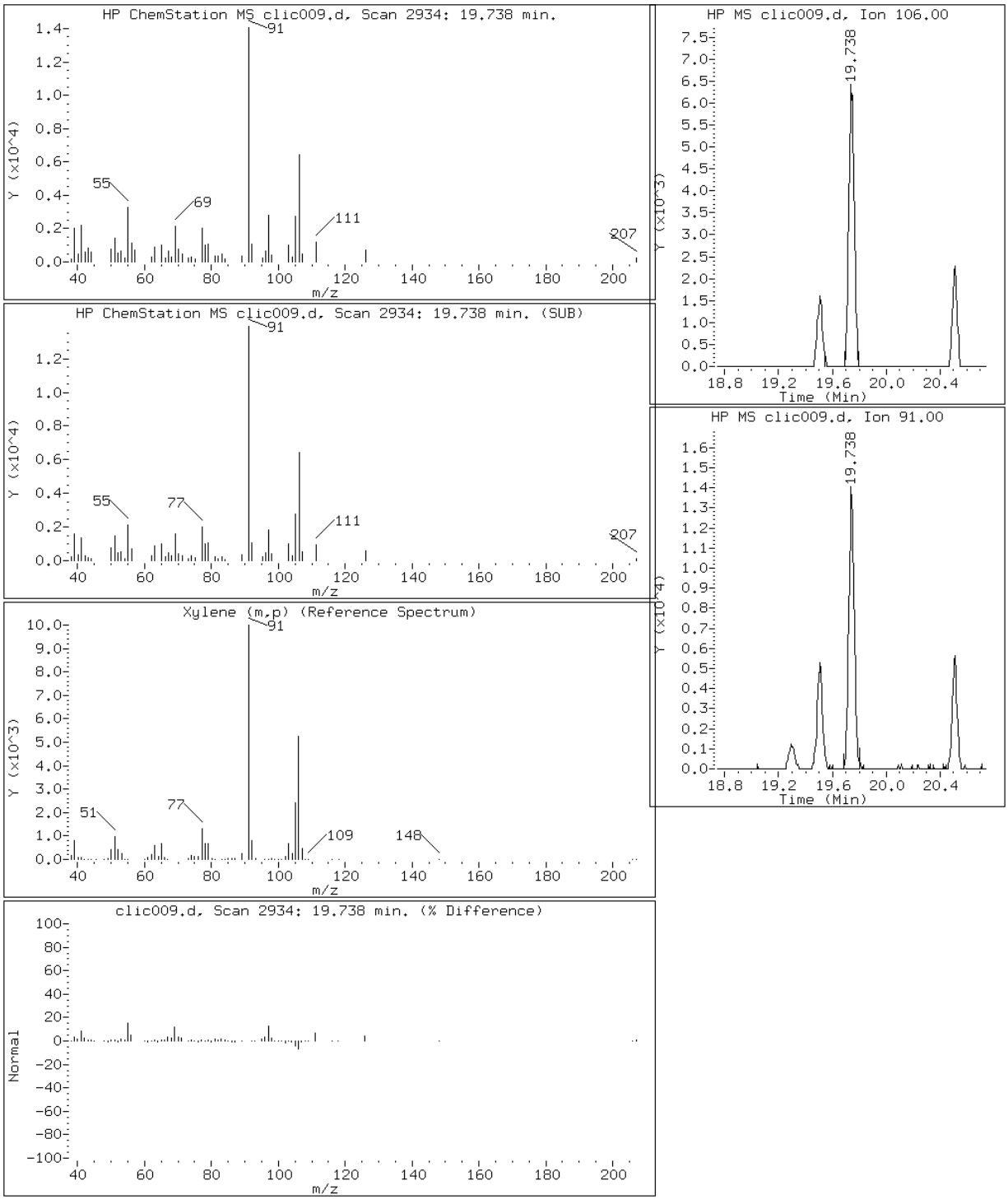
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

69 Xylene (m,p)



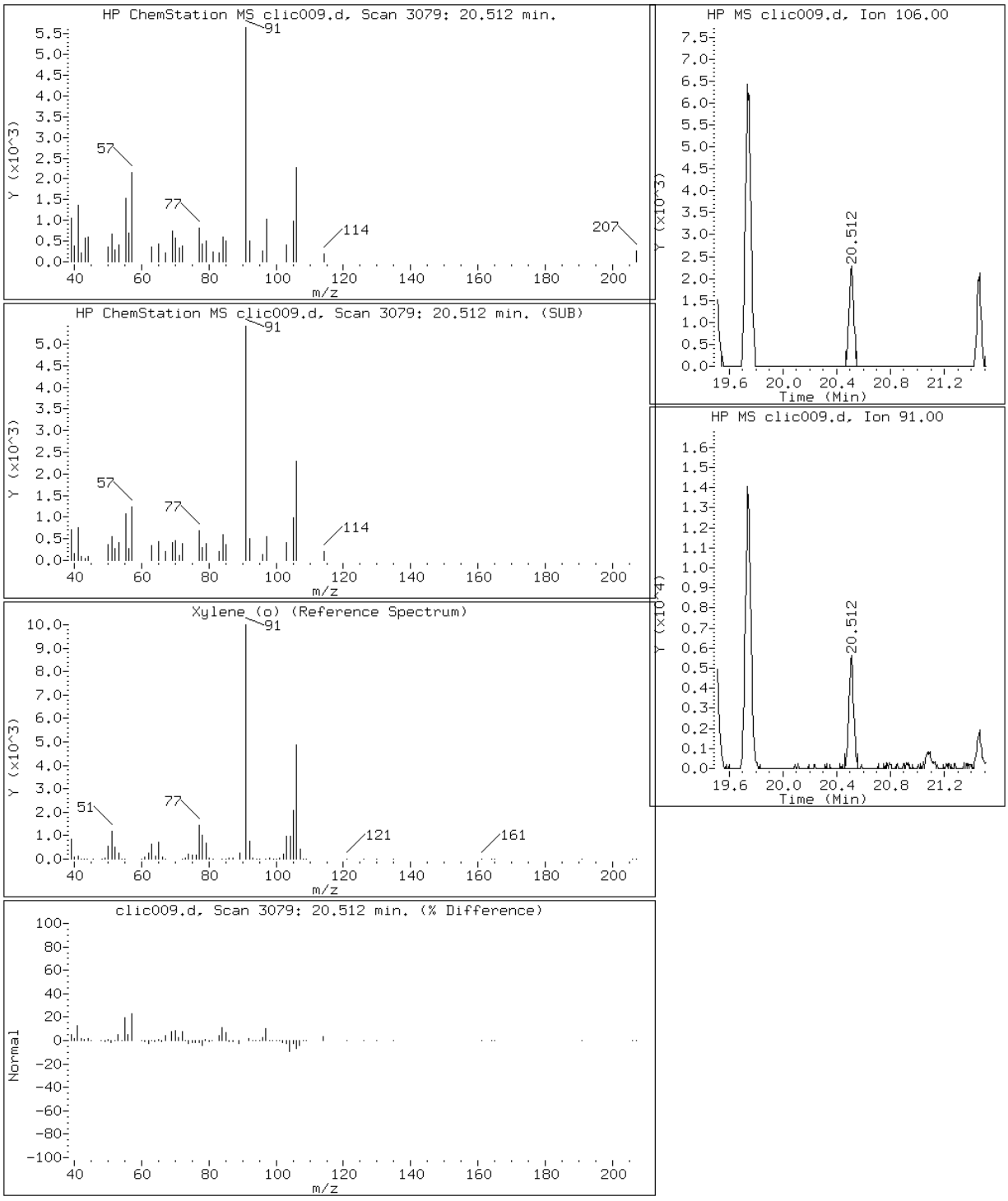
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

71 Xylene (o)



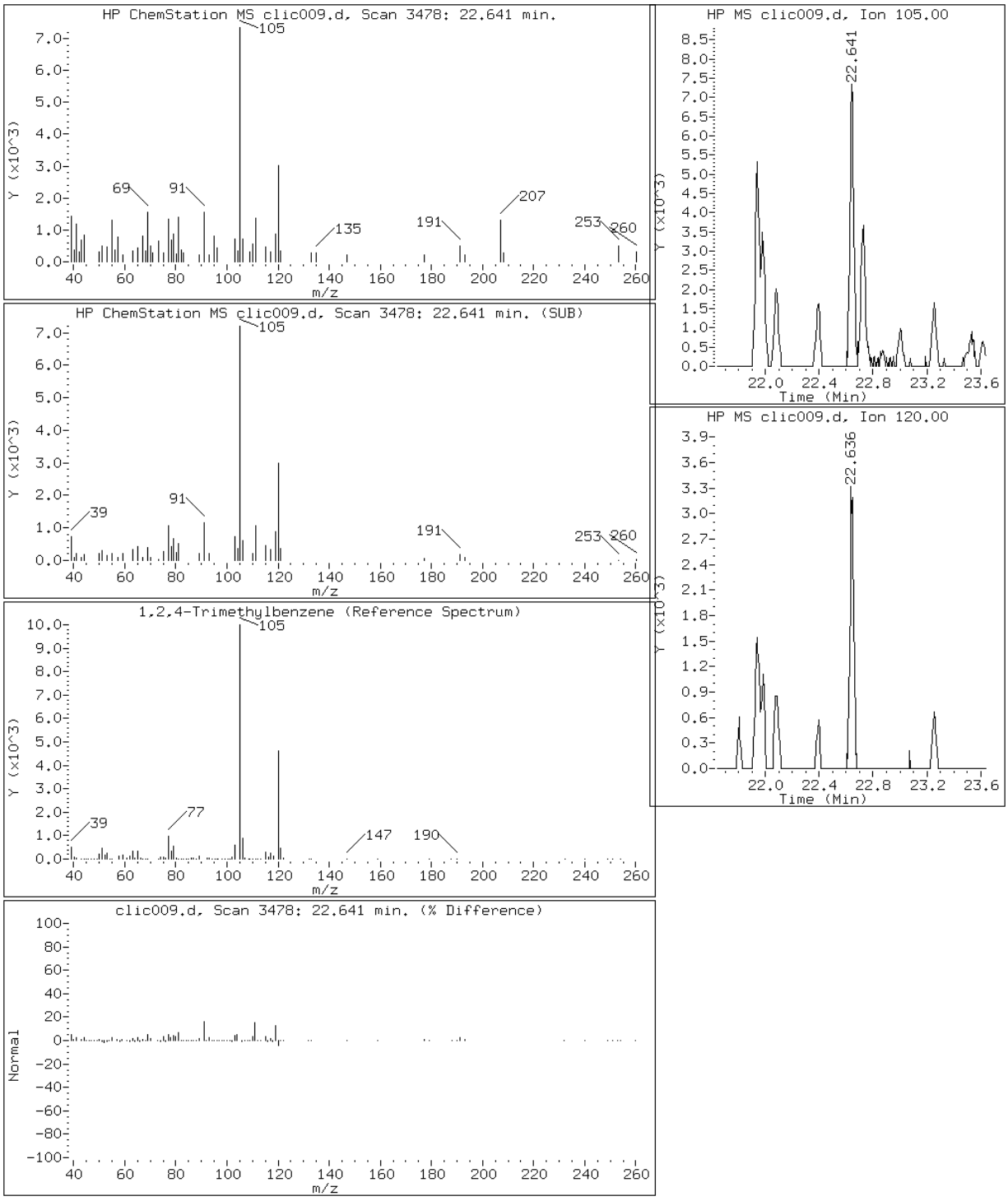
Data File: clic009.d

Lab Sample ID: 280-39216-3 Date: 12-MAR-2013 20:50

Client ID: 774776CA02AF Instrument: C.i

Sample Info: 280-39216-A-3 Operator: wrd

84 1,2,4-Trimethylbenzene



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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA02AF Lab Sample ID: 280-39216-4

Matrix: Air Lab File ID: clic010.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.45	J	0.50	0.020
75-45-6	Freon 22	86.47	0.28	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.20	J	0.50	0.034
106-97-8	n-Butane	58.12	0.45	J	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.021
76-13-1	Freon TF	187.38	0.080	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	6.1		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	2.7	J	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.13	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.8		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.59		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	1.5	J	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	1.0		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.71		0.20	0.015
71-43-2	Benzene	78.11	0.098	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA02AF Lab Sample ID: 280-39216-4

Matrix: Air Lab File ID: clic010.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.1		0.20	0.017
79-01-6	Trichloroethene	131.39	0.82		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.15	J	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.18	J	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.074	J	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.26	J	0.50	0.022
95-47-6	Xylene, o-	106.17	0.10	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.36		0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.054	J	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA02AF Lab Sample ID: 280-39216-4

Matrix: Air Lab File ID: clic010.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA02AF Lab Sample ID: 280-39216-4

Matrix: Air Lab File ID: clic010.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.099
75-45-6	Freon 22	86.47	0.99	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.42	J	1.0	0.070
106-97-8	n-Butane	58.12	1.1	J	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.98	J	1.1	0.12
76-13-1	Freon TF	187.38	0.61	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	15		12	0.95
67-63-0	Isopropyl alcohol	60.10	6.8	J	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.46	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	9.7		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	1.8		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	4.4	J	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	3.6		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	3.3		0.93	0.070
71-43-2	Benzene	78.11	0.31	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA02AF Lab Sample ID: 280-39216-4

Matrix: Air Lab File ID: clic010.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.7		0.82	0.070
79-01-6	Trichloroethene	131.39	4.4		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.56	J	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.3	J	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.32	J	0.87	0.065
179601-23-1	m,p-Xylene	106.17	1.1	J	2.2	0.096
95-47-6	Xylene, o-	106.17	0.45	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	1.6		0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.26	J	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: 785786CA02AF Lab Sample ID: 280-39216-4

Matrix: Air Lab File ID: clic010.d

Analysis Method: TO-15 Date Collected: 02/14/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39216-4
Client Smp ID: 785786CA02AF
Inj Date : 12-MAR-2013 21:43
Operator : wrd Inst ID: C.i
Smp Info : 280-39216-A-4
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/to15v5.m
Meth Date : 13-Mar-2013 14:10 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.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)
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	42661	0.44559	0.45(a)
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	14428	0.27934	0.28(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.779	4.779	(0.400)	5843	0.20262	0.20(a)
6 Butane	43	5.040	5.046	(0.422)	21269	0.44532	0.45(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	16502	0.17509	0.18(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.157	8.157	(0.682)	233171	6.11866	6.1
21 Carbon disulfide	76	Compound Not Detected.					

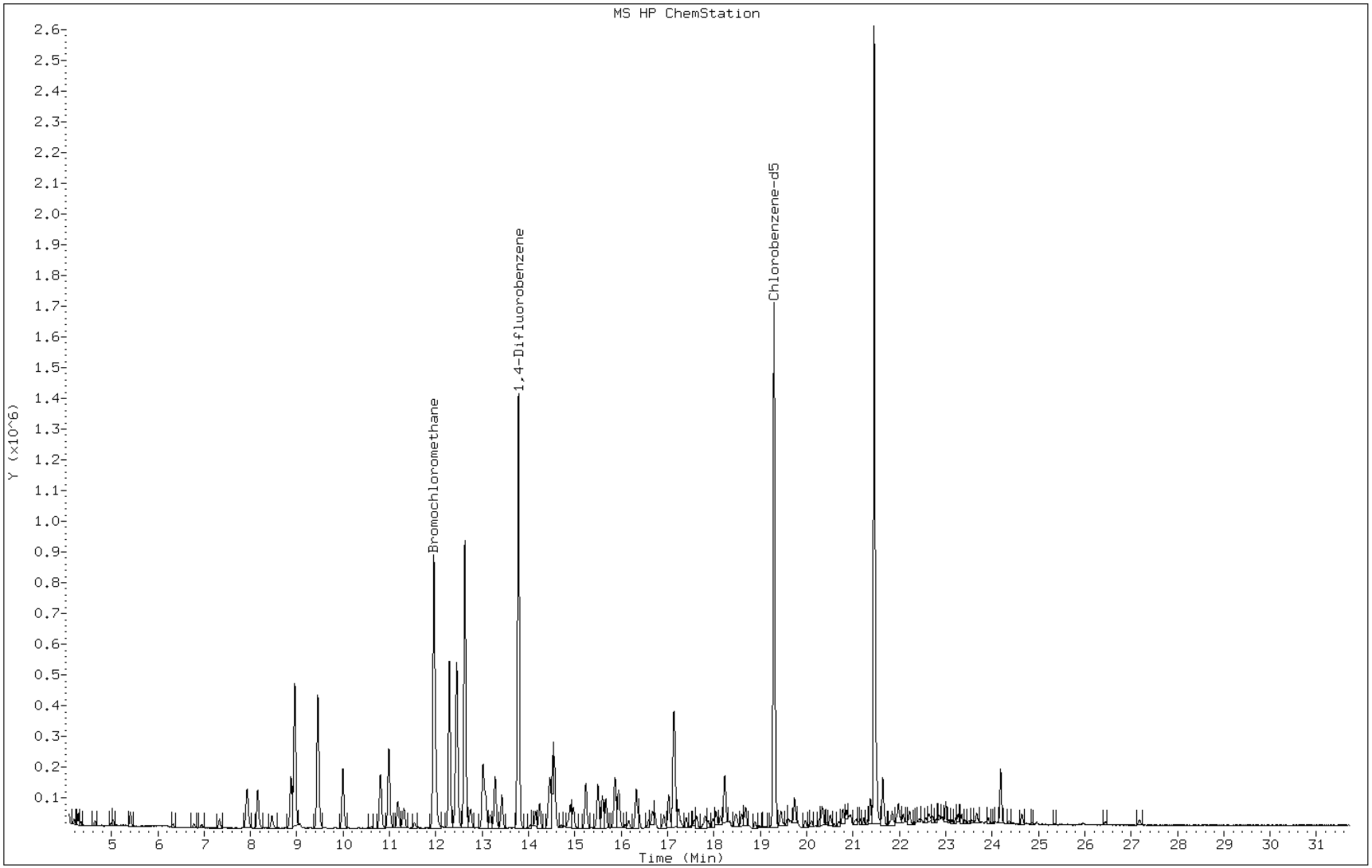
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
22	Isopropanol	45	8.467	8.461	(0.708)	76542	2.74621	2.7(a)
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	9.054	9.059	(0.758)	4558	0.13351	0.13(aQ)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.998	9.998	(0.837)	145863	2.75862	2.8
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.546	11.530	(0.966)	8600	0.59452	0.59(Q)
* 37	Bromochloromethane	128	11.952	11.957	(1.000)	280236	10.0000	
38	Tetrahydrofuran	42	12.021	12.016	(0.872)	43766	1.49803	1.5(a)
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	12.416	12.427	(0.901)	50610	1.04891	1.0(Q)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	116553	0.71003	0.71(Q)
44	Benzene	78	13.051	13.051	(0.947)	11093	0.09783	0.098(a)
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	13.425	13.419	(0.974)	68124	1.14026	1.1
* 47	1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1632196	10.0000	
49	Trichloroethene	95	14.241	14.241	(1.033)	42825	0.82445	0.82
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
58	Toluene	92	16.589	16.589	(0.860)	11504	0.14823	0.15(a)
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	17.630	17.630	(0.914)	10901	0.18486	0.18(a)
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	19.295	19.295	(1.000)	1510446	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	19.503	19.509	(1.011)	12007	0.07374	0.074(a)
69	Xylene (m,p)	106	19.738	19.743	(1.023)	16063	0.26226	0.26(a)
M 70	Xylenes, Total	106				22143	0.36497	0.36
71	Xylene (o)	106	20.507	20.512	(1.063)	6080	0.10271	0.10(aQ)
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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	7883	0.05359	0.054(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clic010.d	Date:	12-MAR-2013 21:43
Client ID:	785786CA02AF	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39216-A-4		
Lab Sample ID:	280-39216-4		



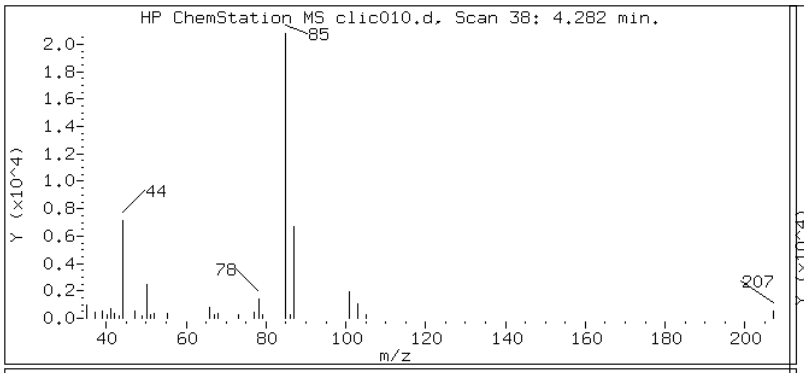
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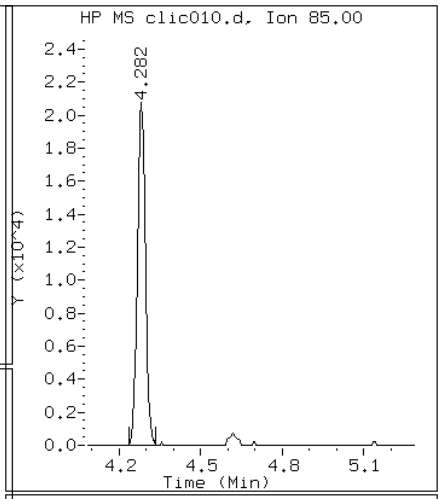
Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

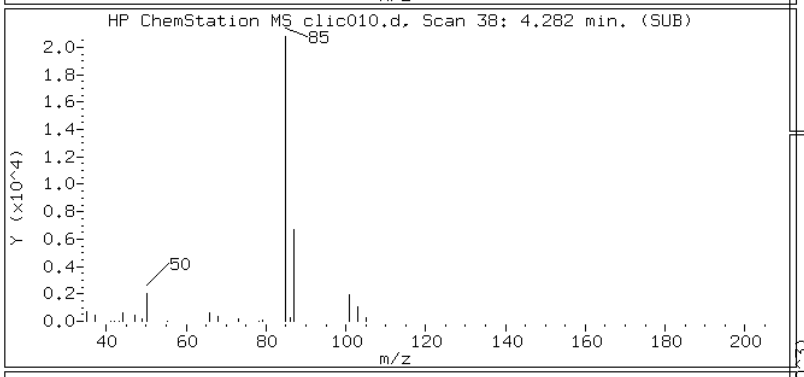
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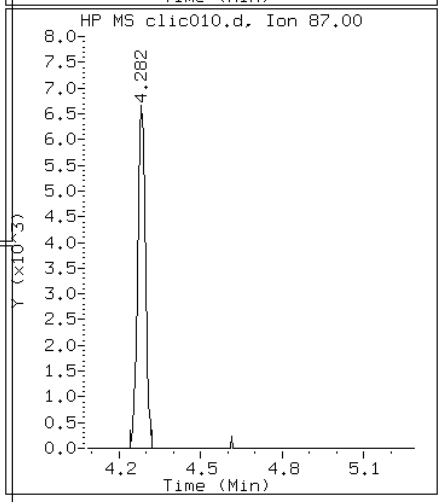
Sample Info: 280-39216-A-4 Operator: wrd

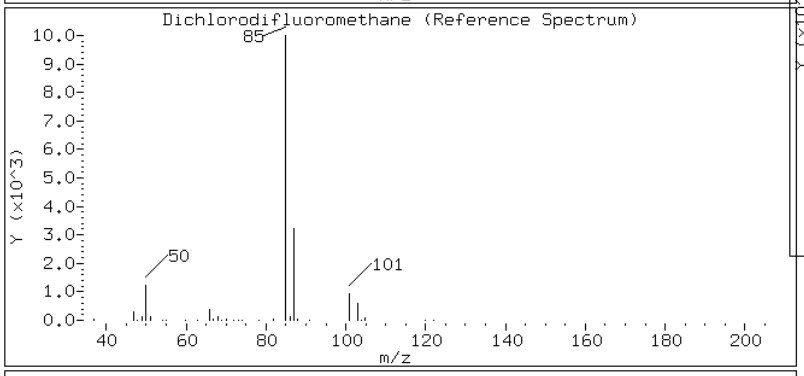
2 Dichlorodifluoromethane

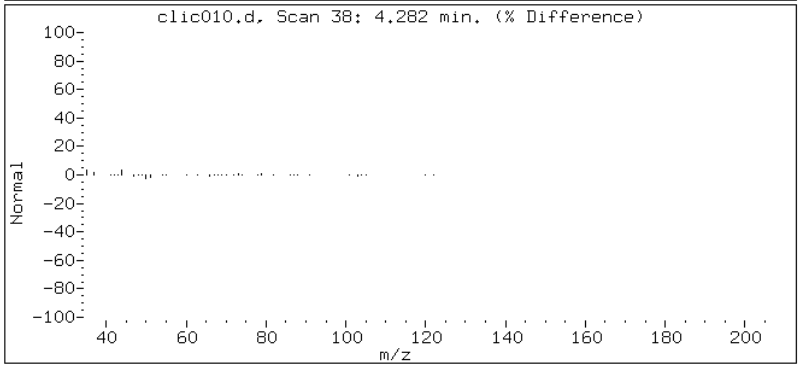












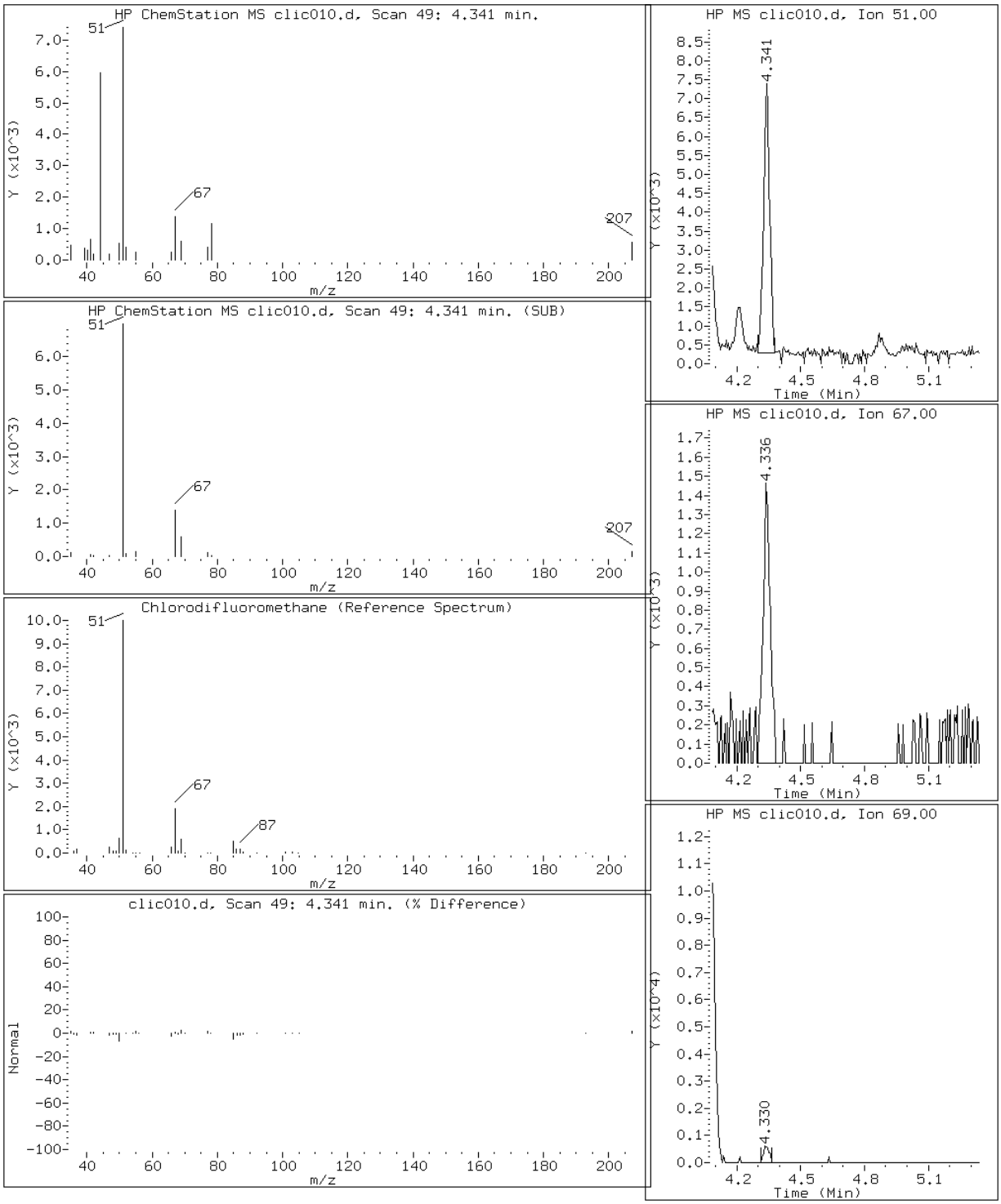
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

3 Chlorodifluoromethane



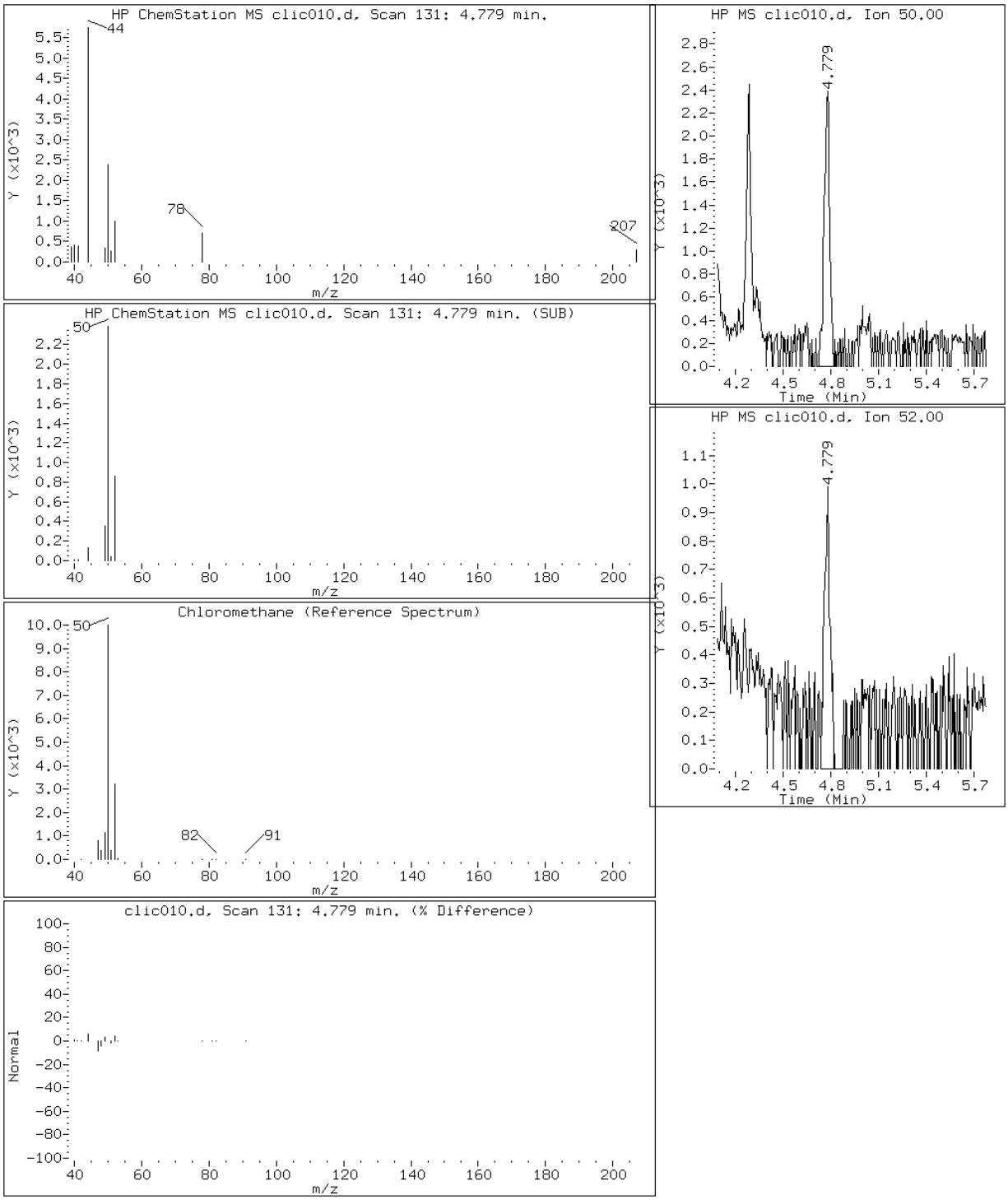
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

5 Chloromethane



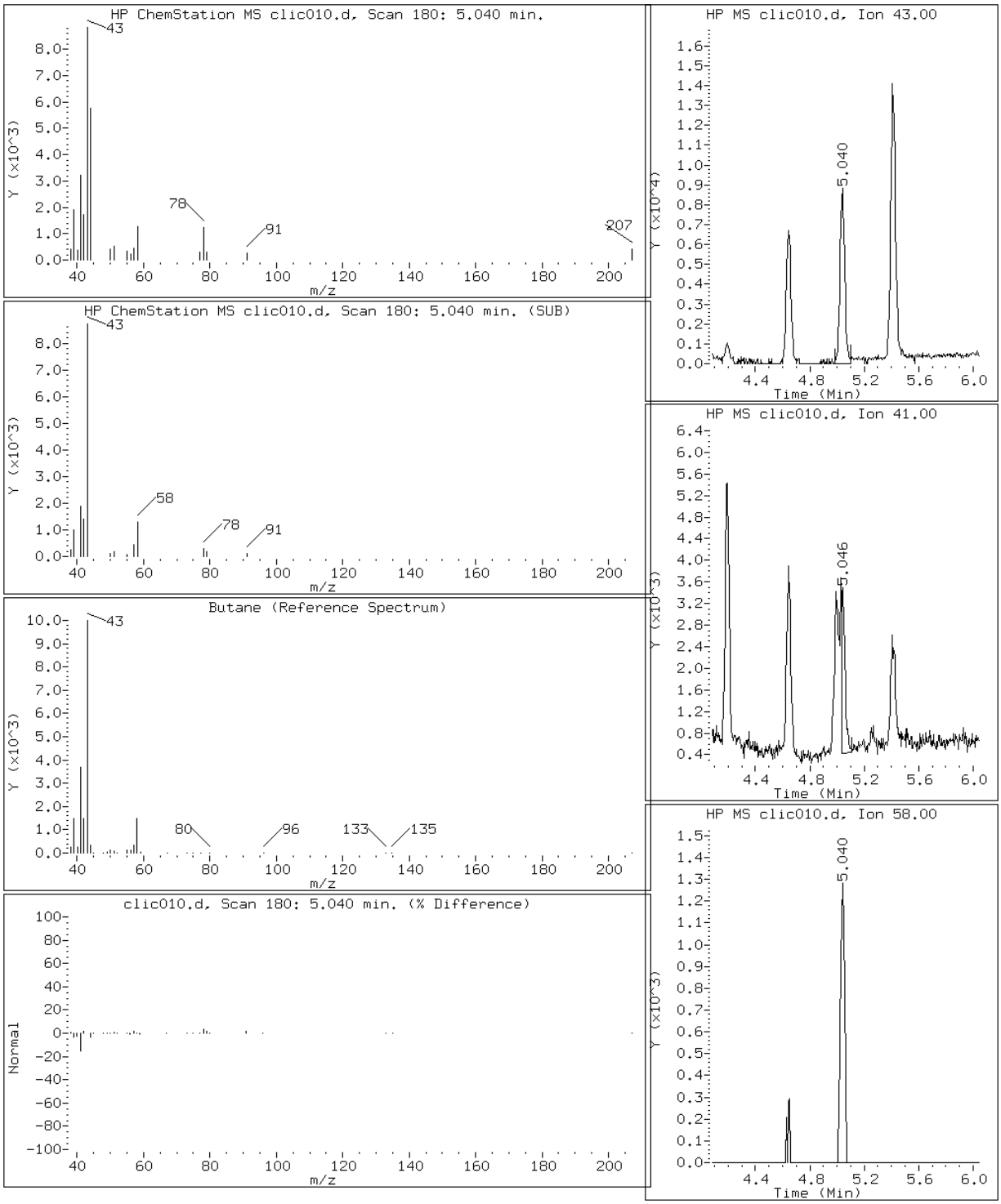
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

6 Butane



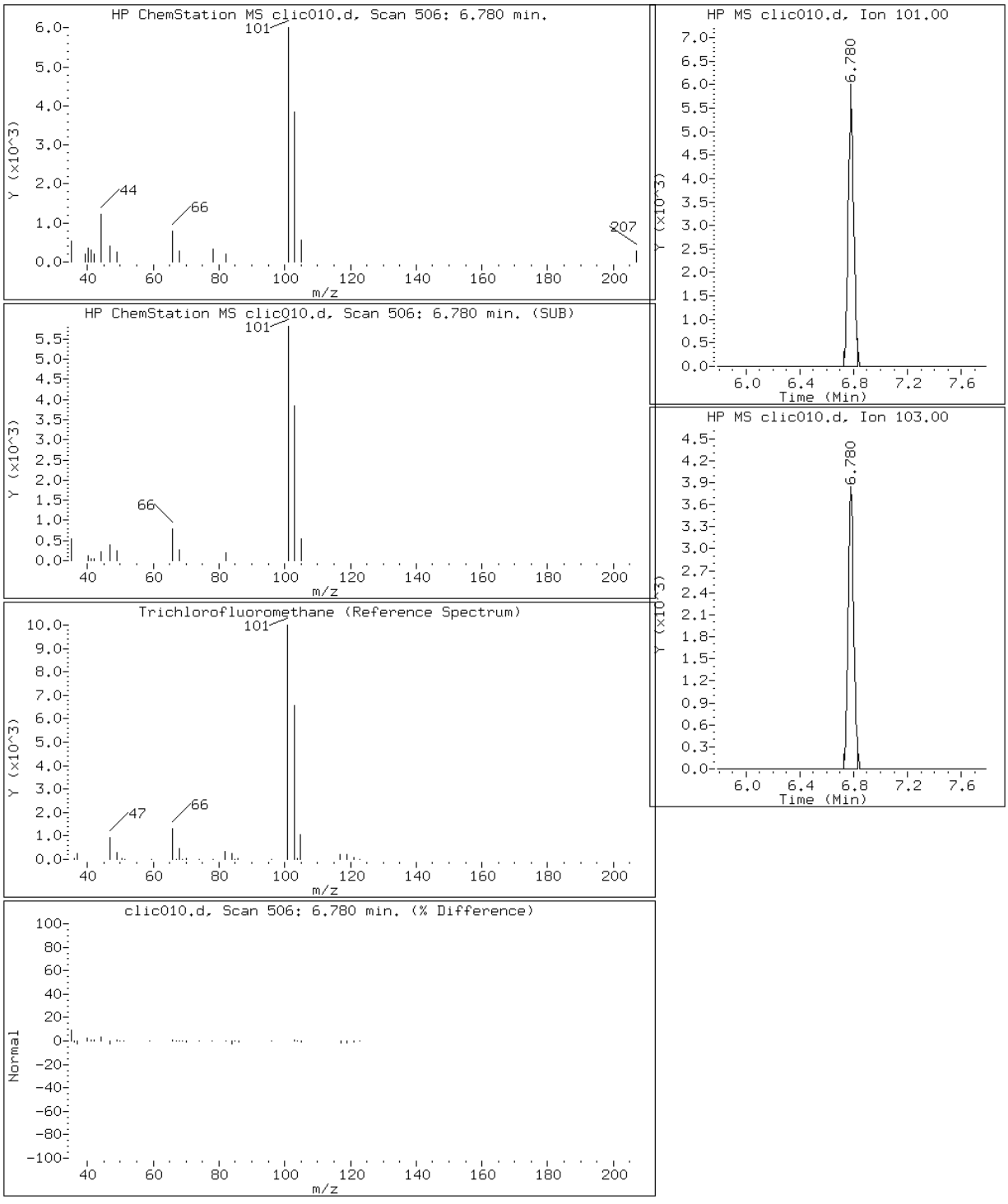
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

13 Trichlorofluoromethane



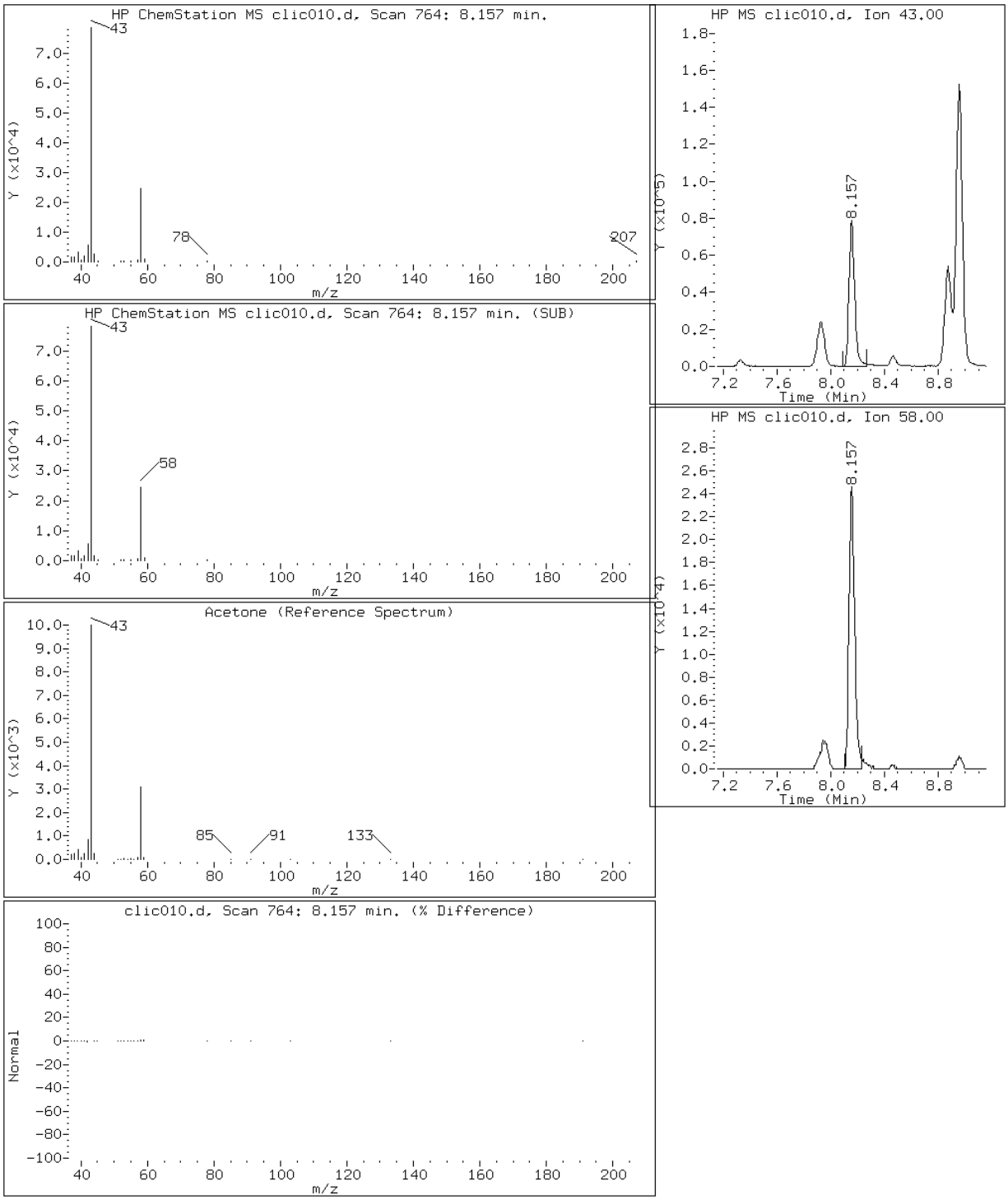
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

20 Acetone



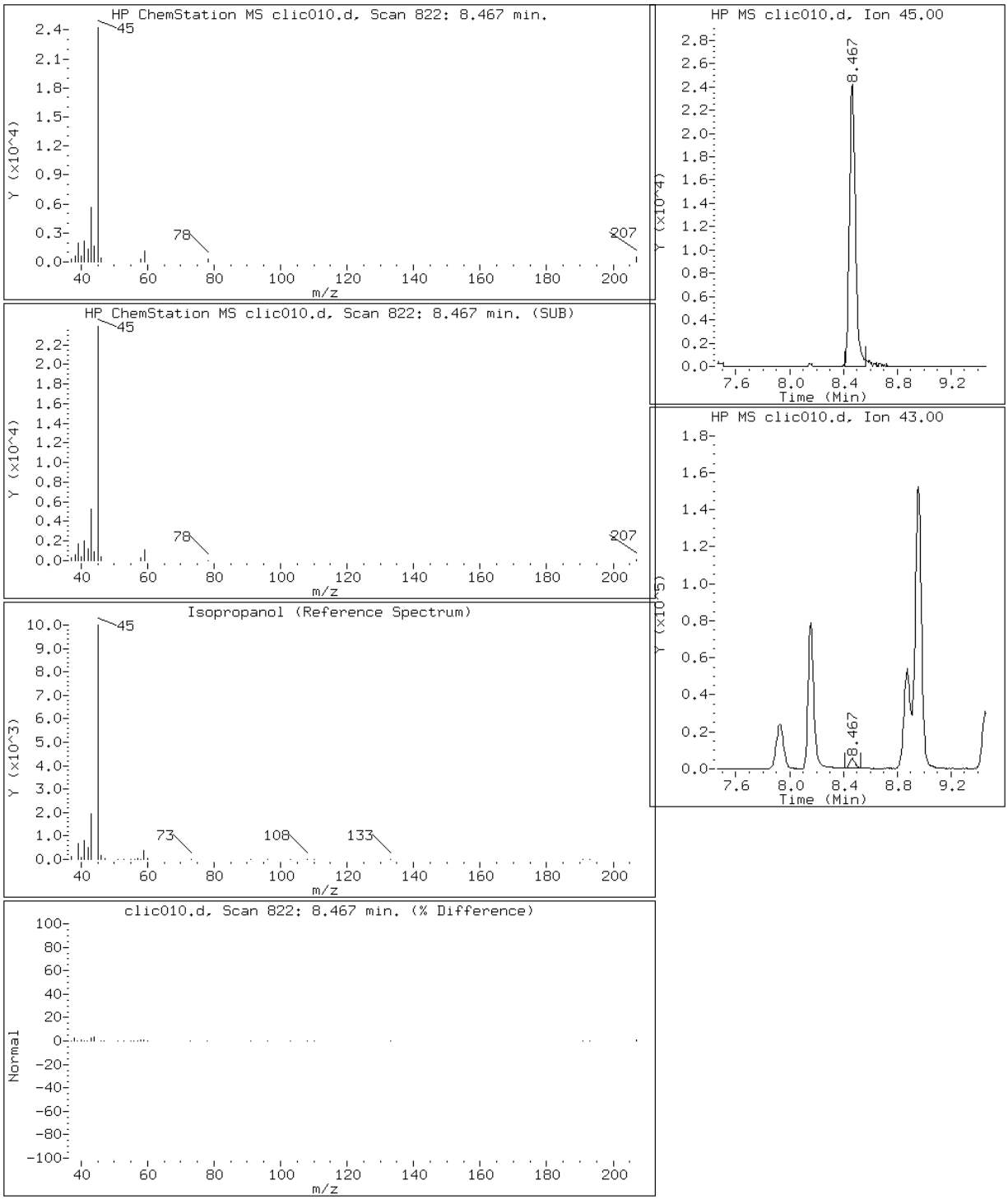
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

22 Isopropanol



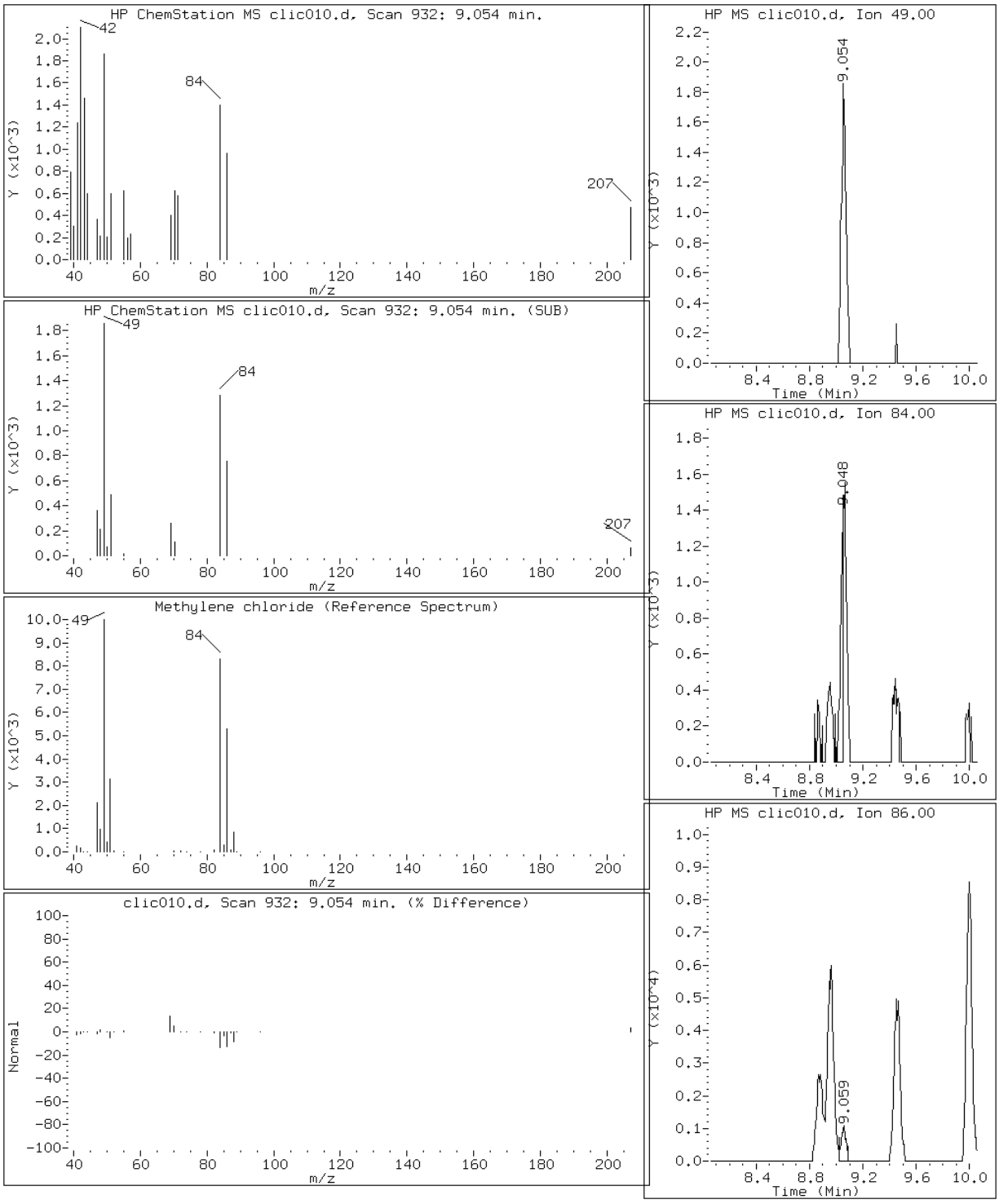
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

25 Methylene chloride



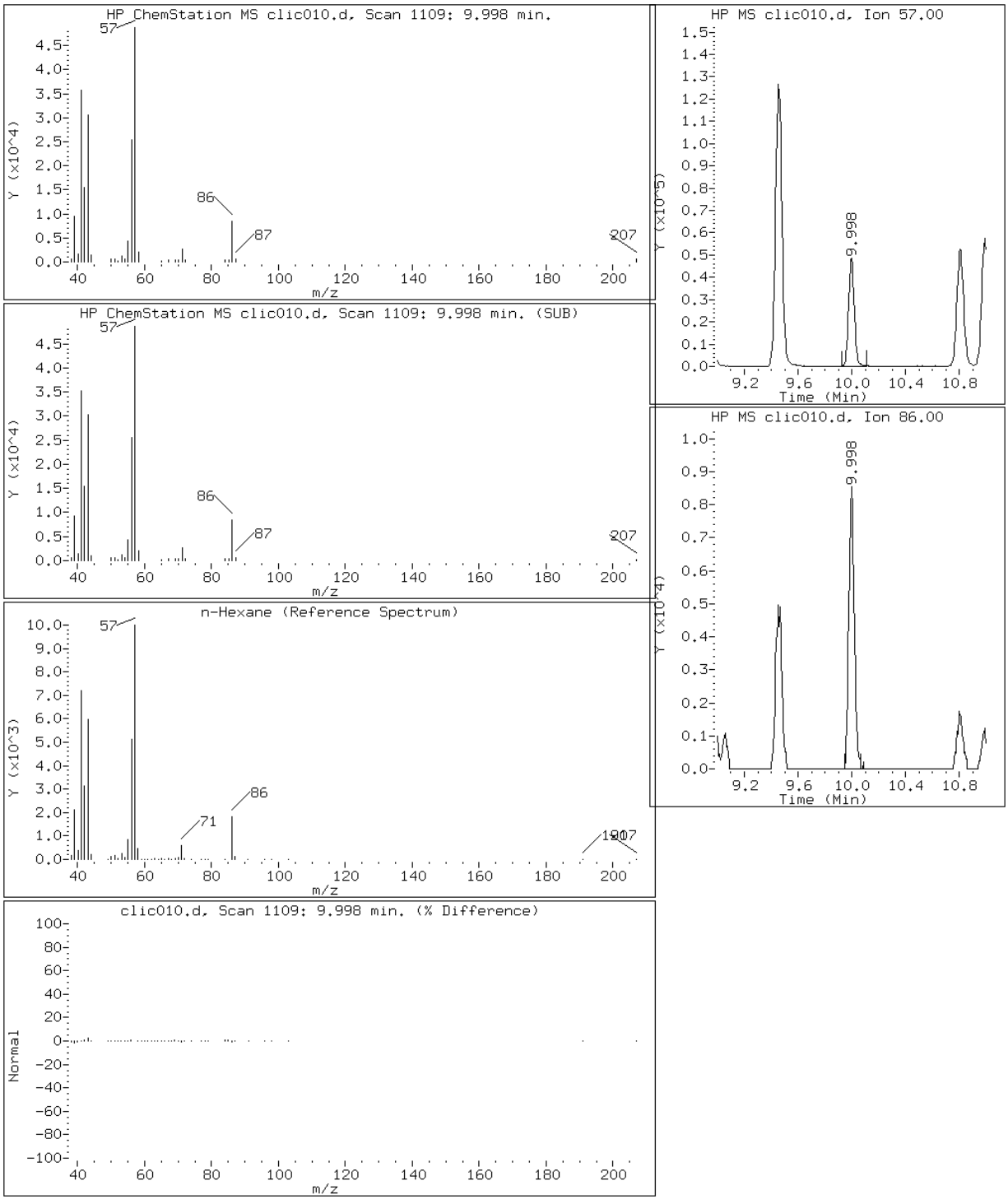
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

30 n-Hexane



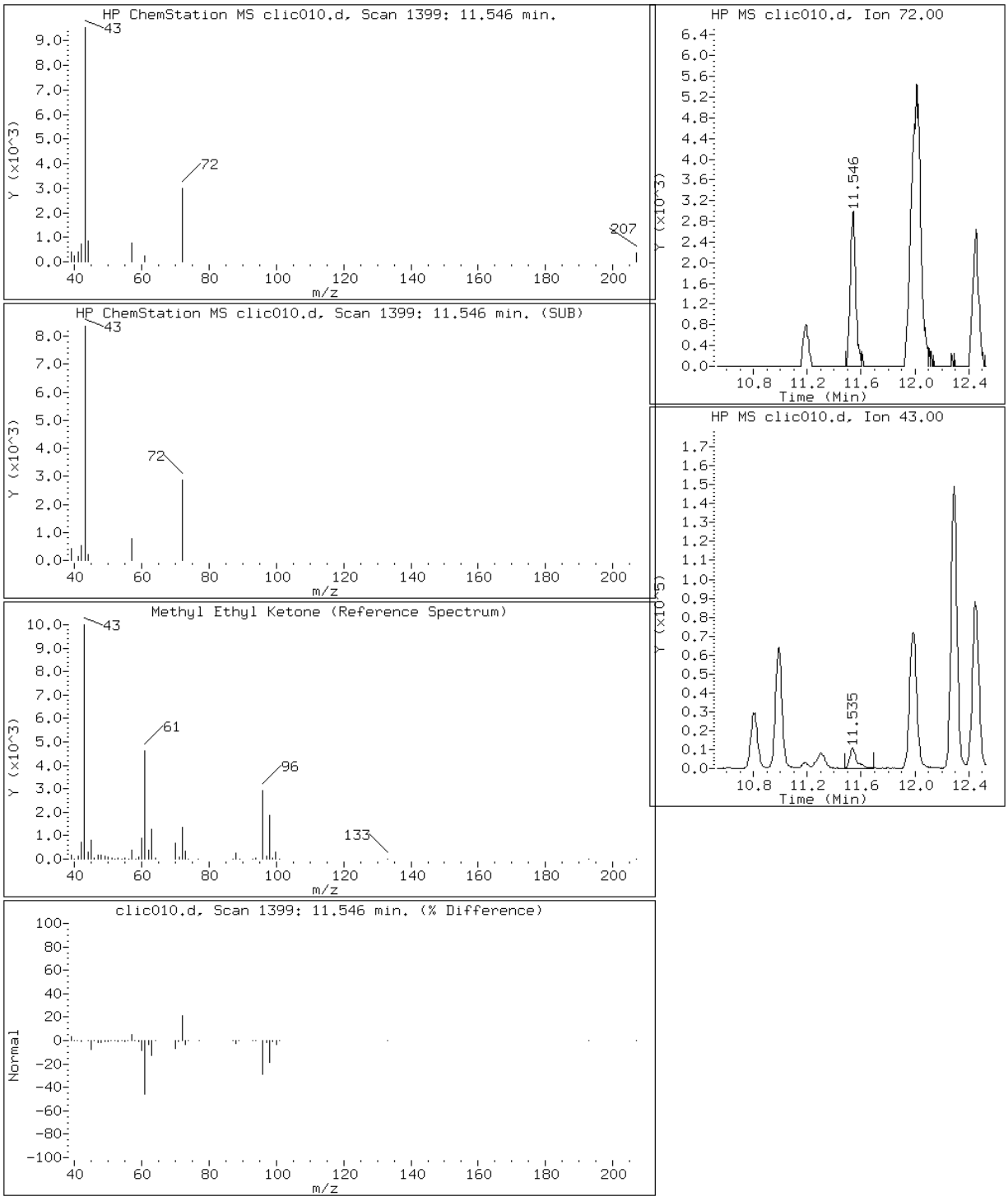
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Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

36 Methyl Ethyl Ketone



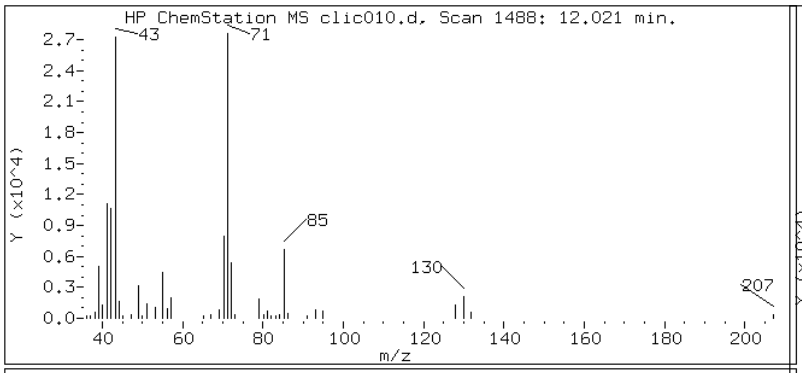
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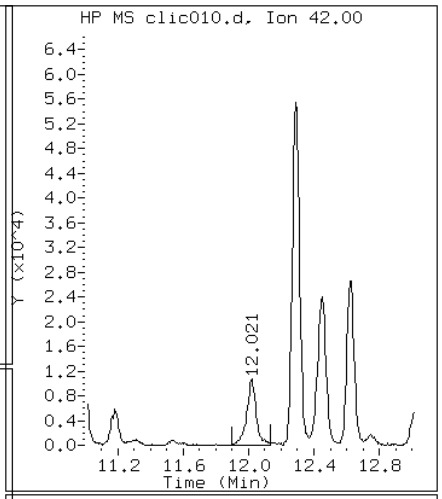
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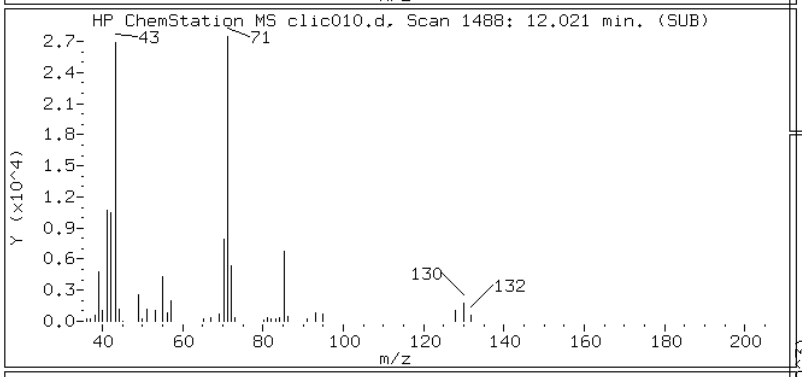
Client ID: 785786CA02AF Instrument: C.i

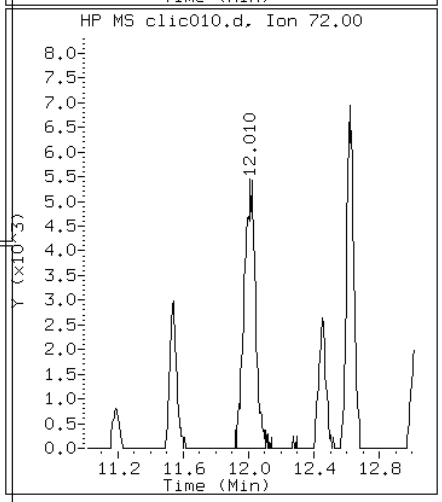
Sample Info: 280-39216-A-4 Operator: wrd

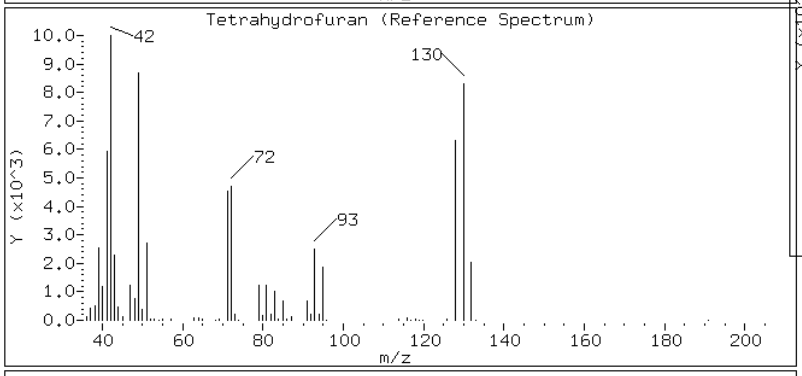
38 Tetrahydrofuran

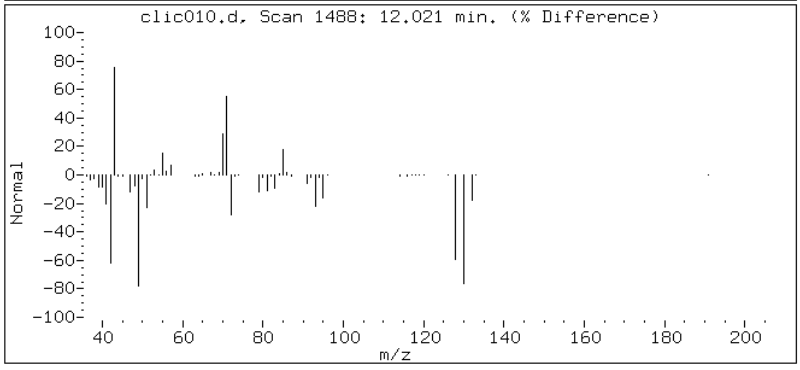












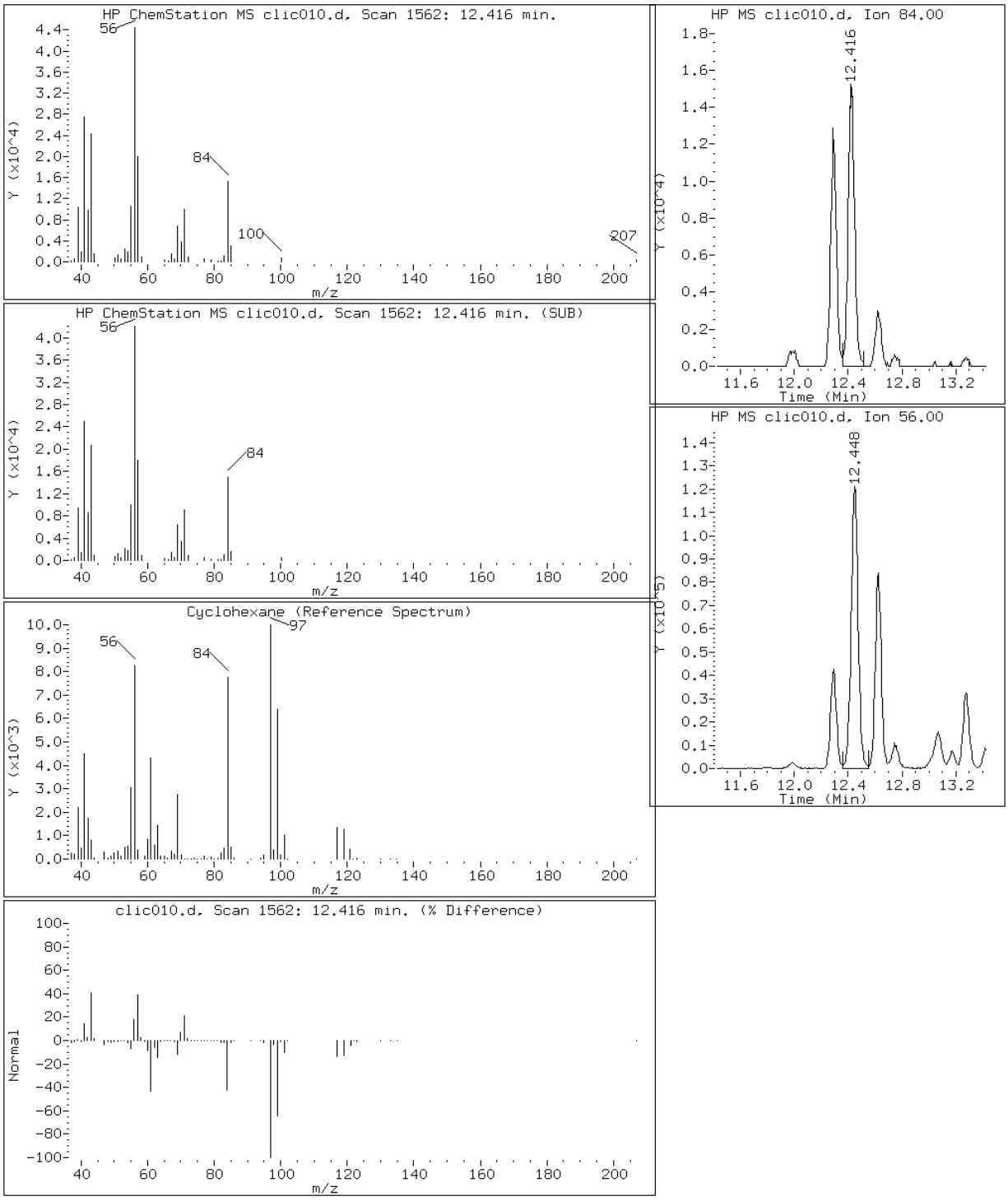
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

40 Cyclohexane



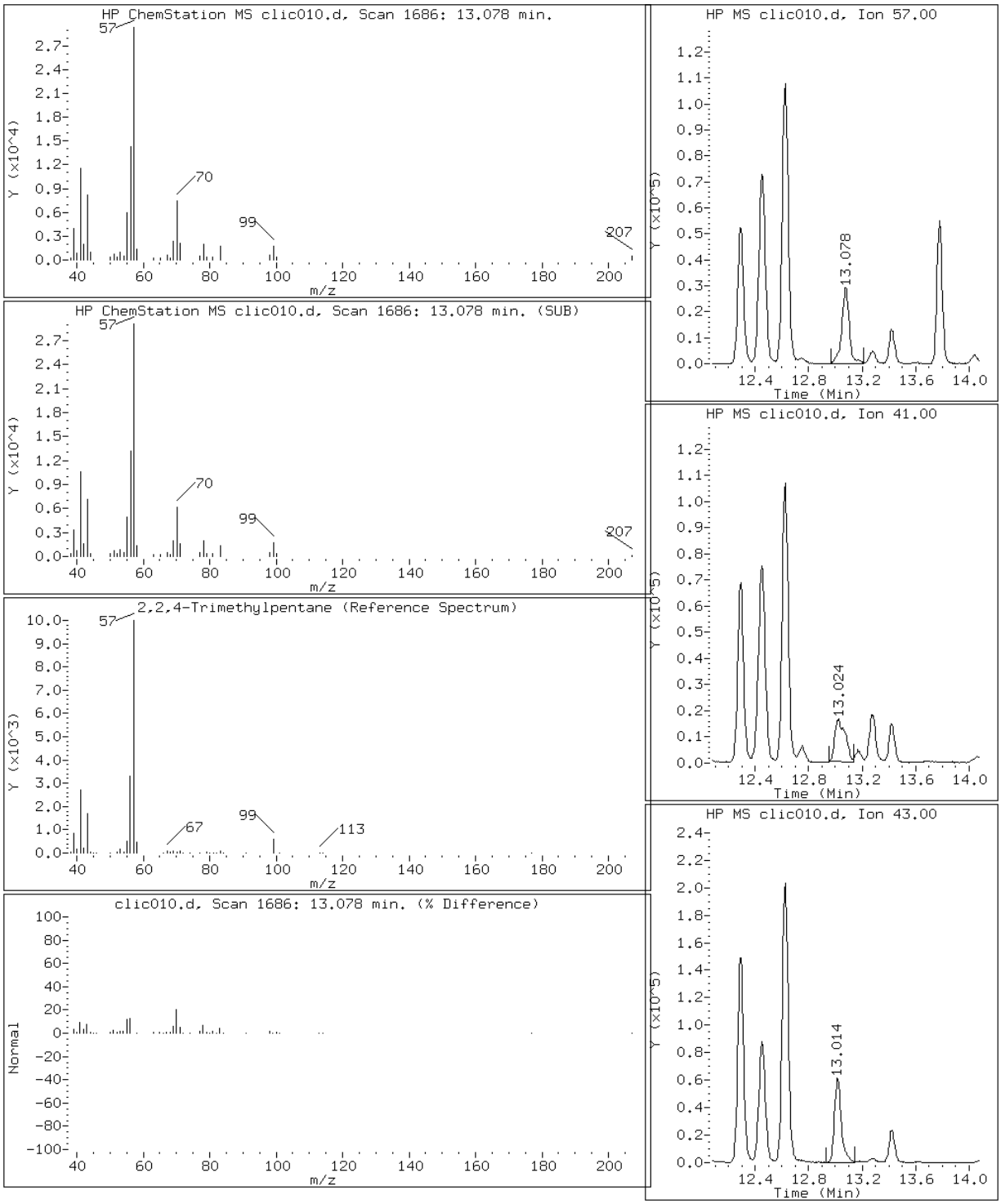
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

43 2,2,4-Trimethylpentane



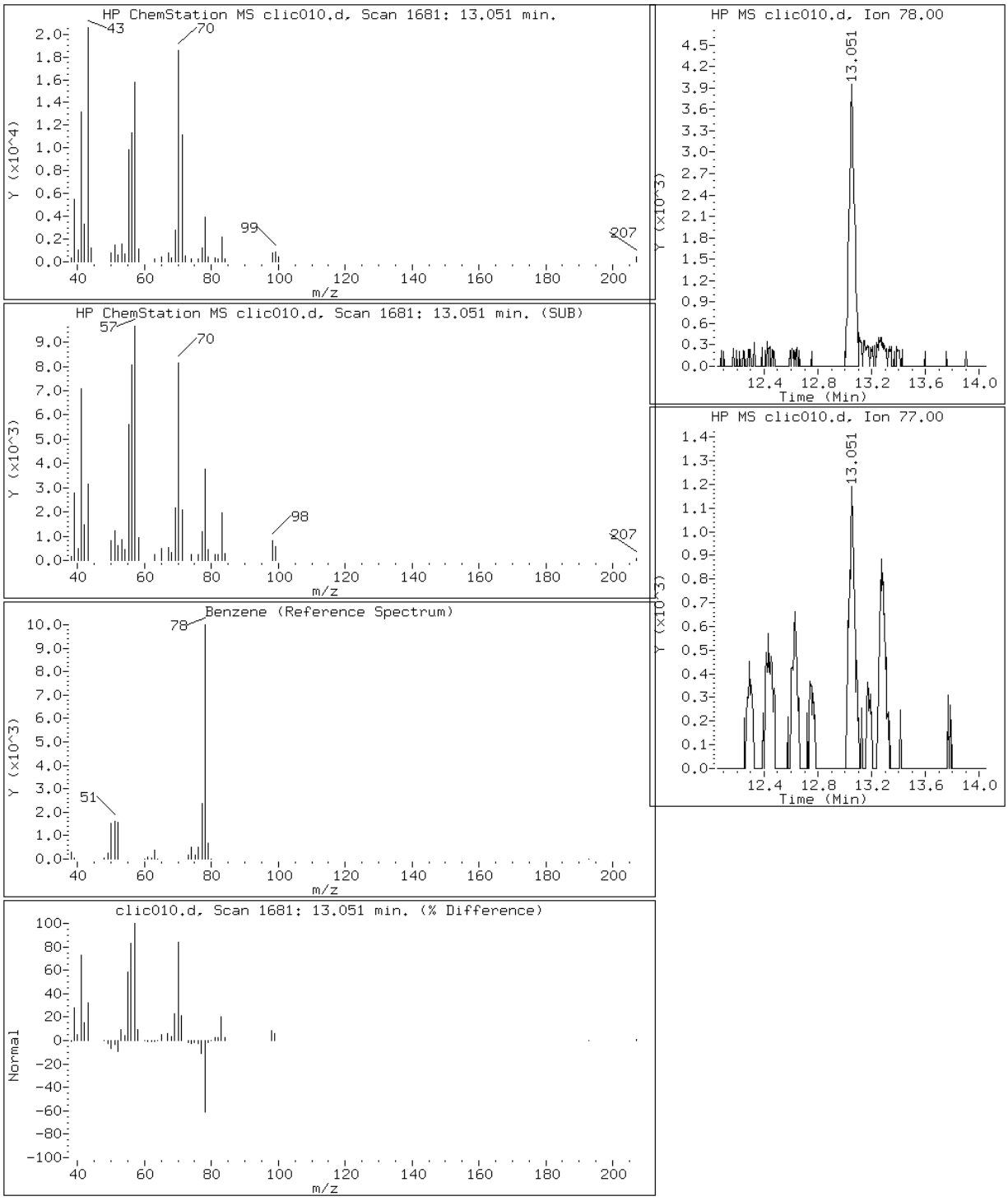
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

44 Benzene



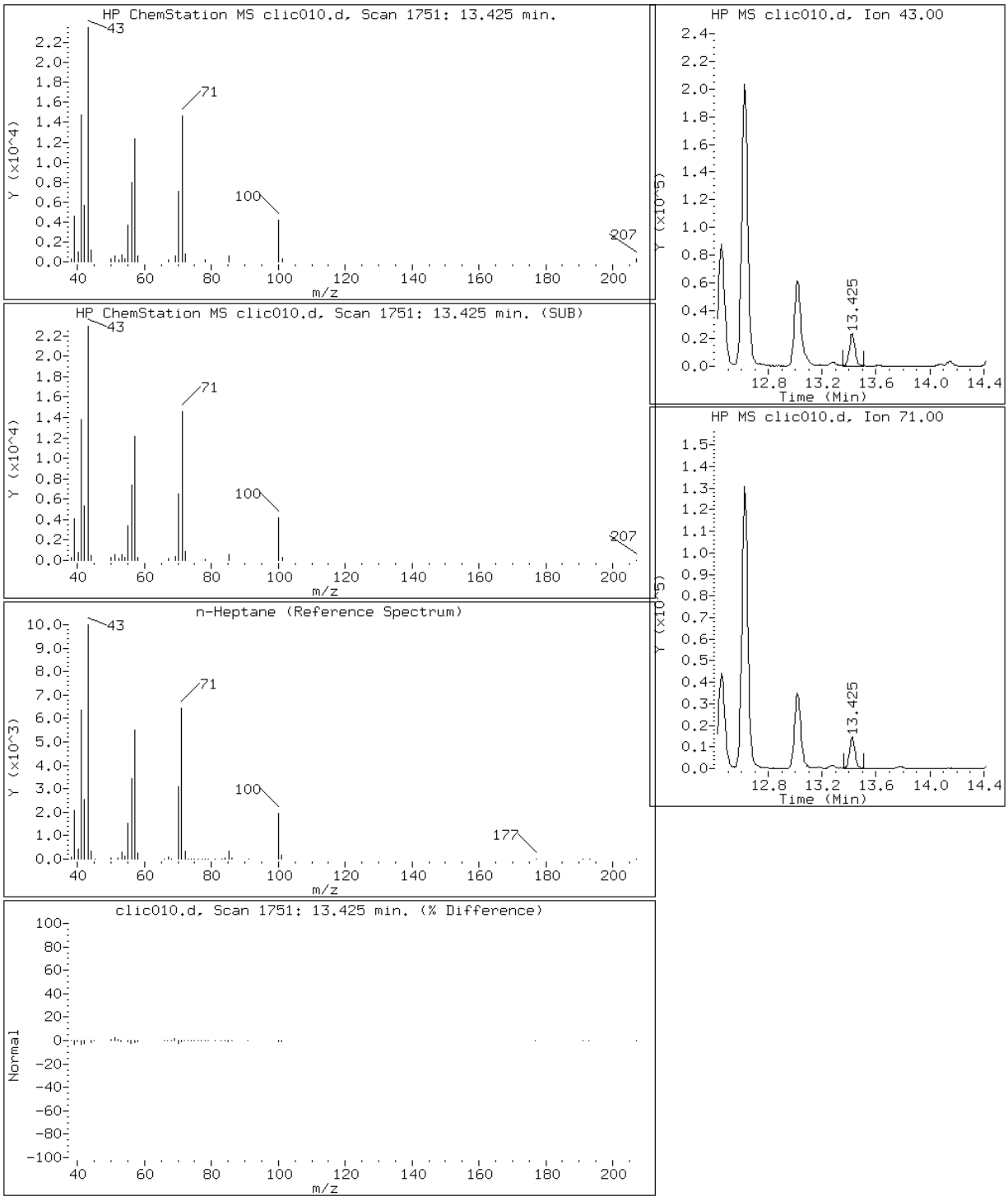
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

46 n-Heptane



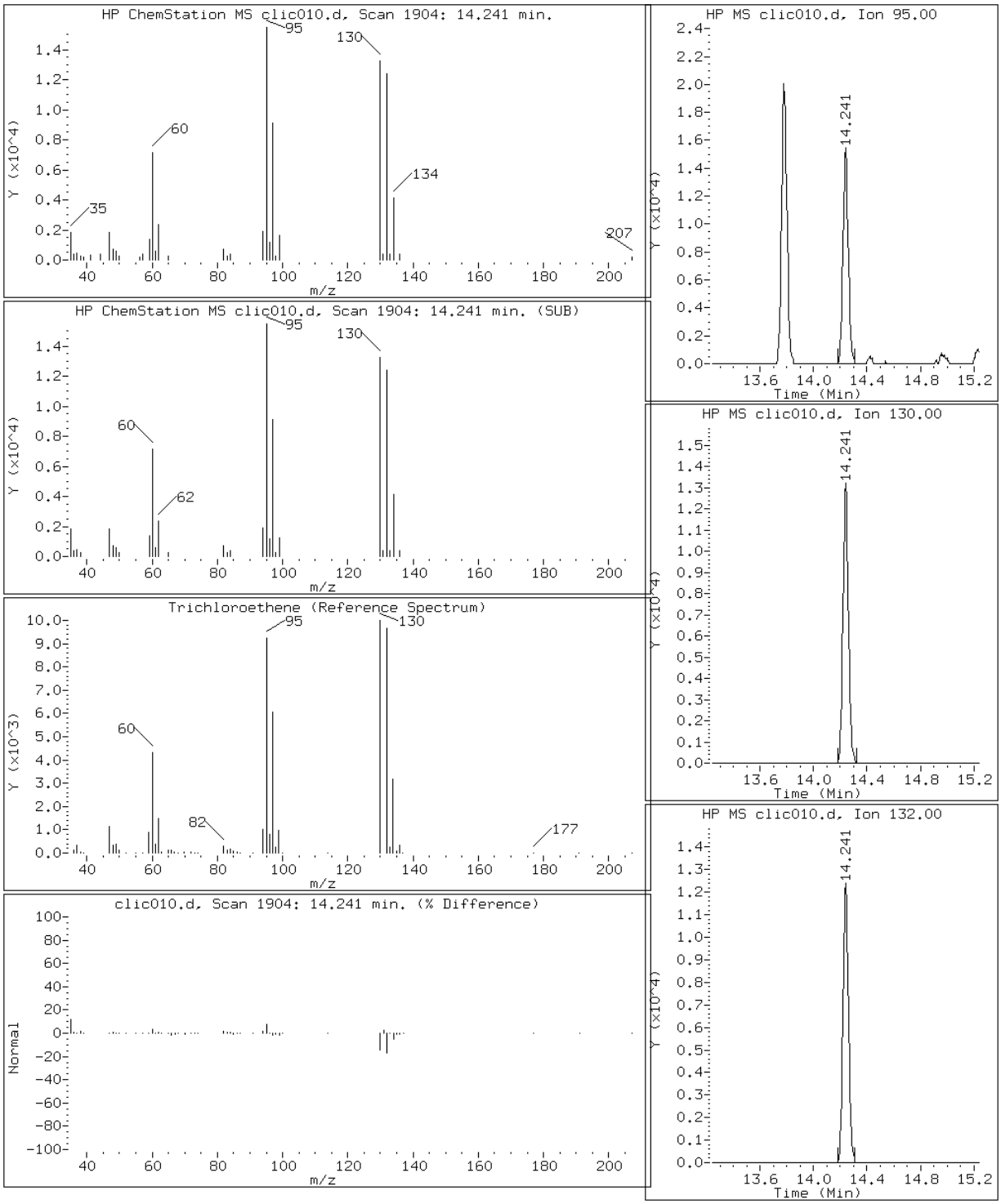
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

49 Trichloroethene



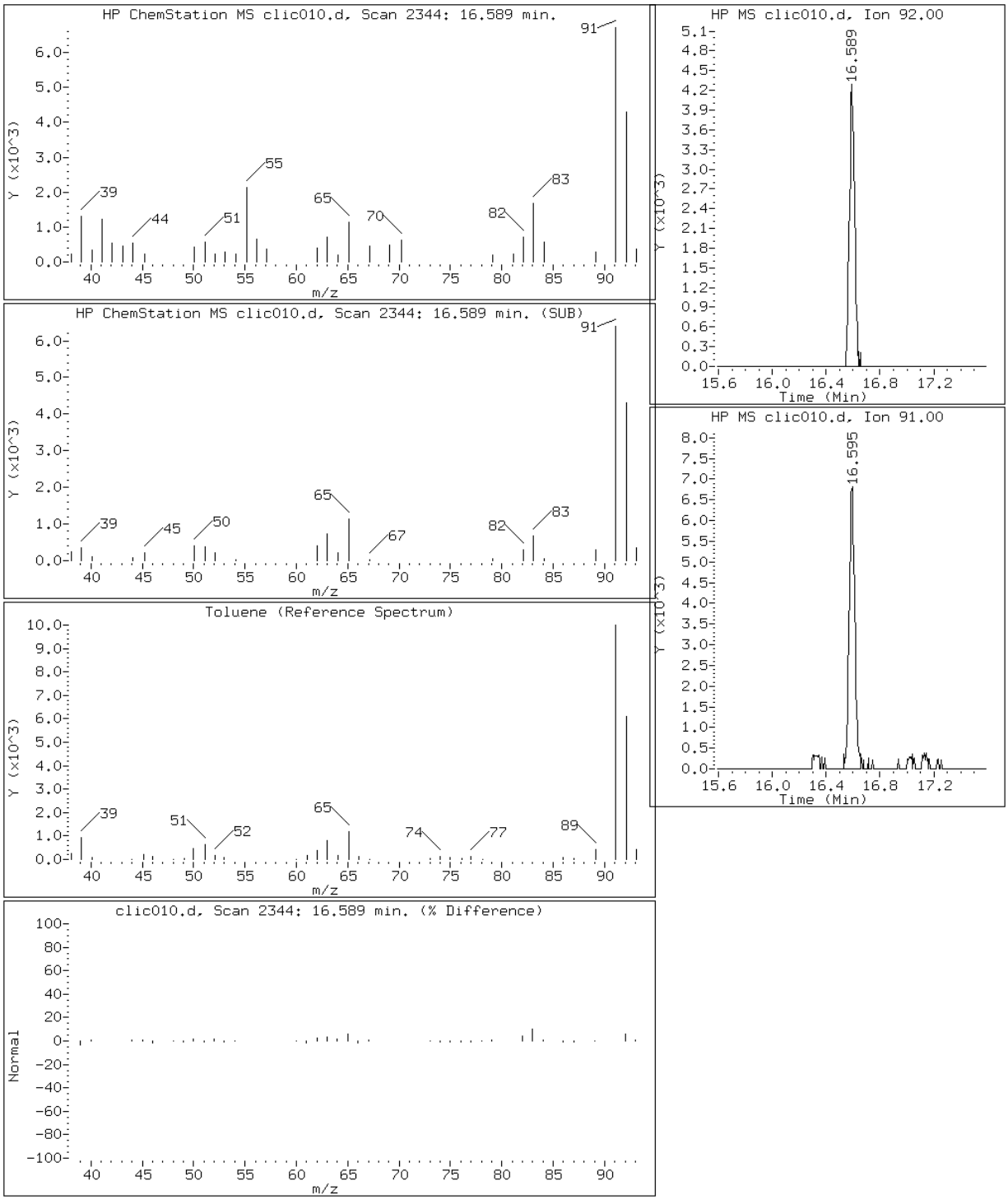
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

58 Toluene



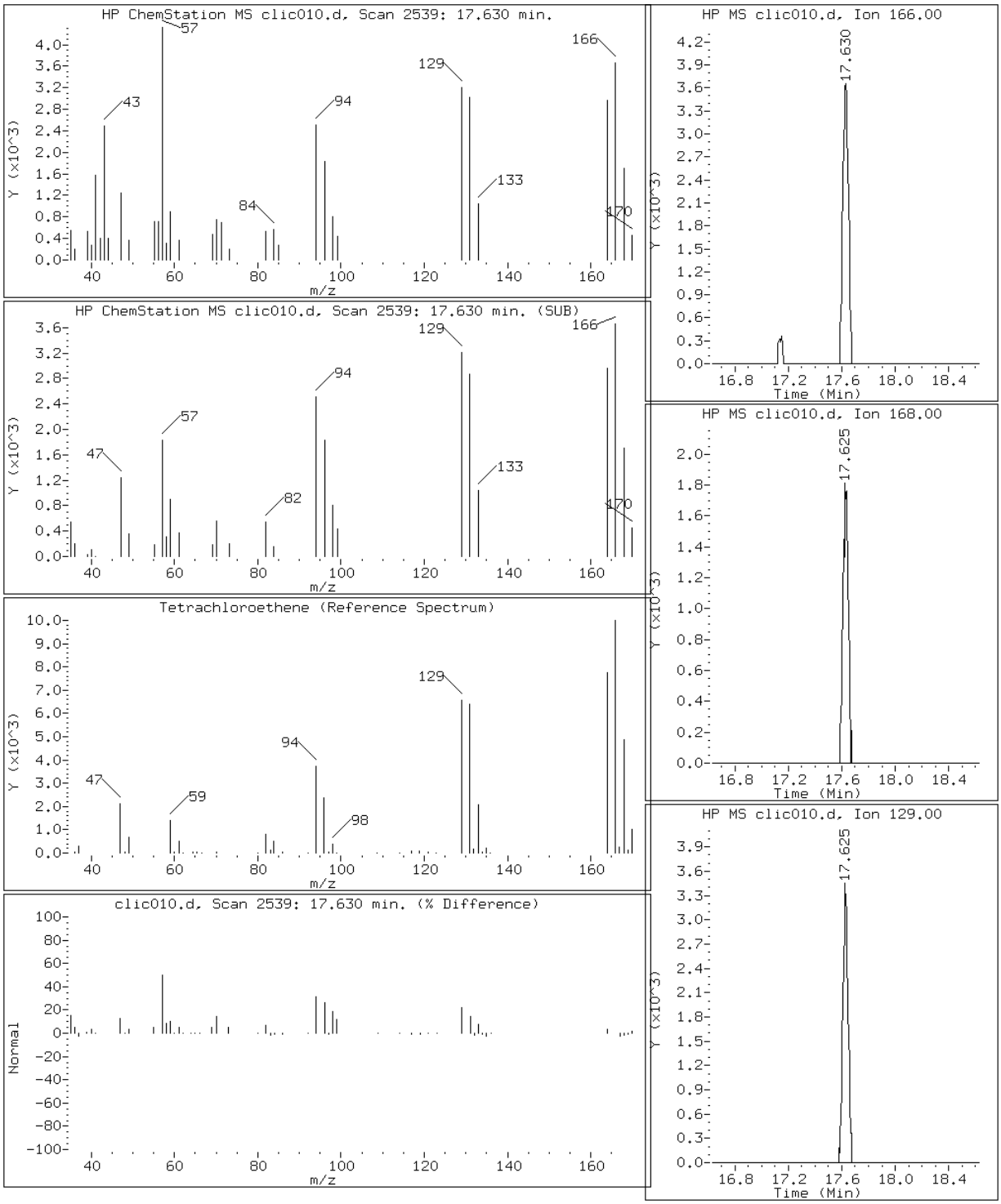
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

61 Tetrachloroethene



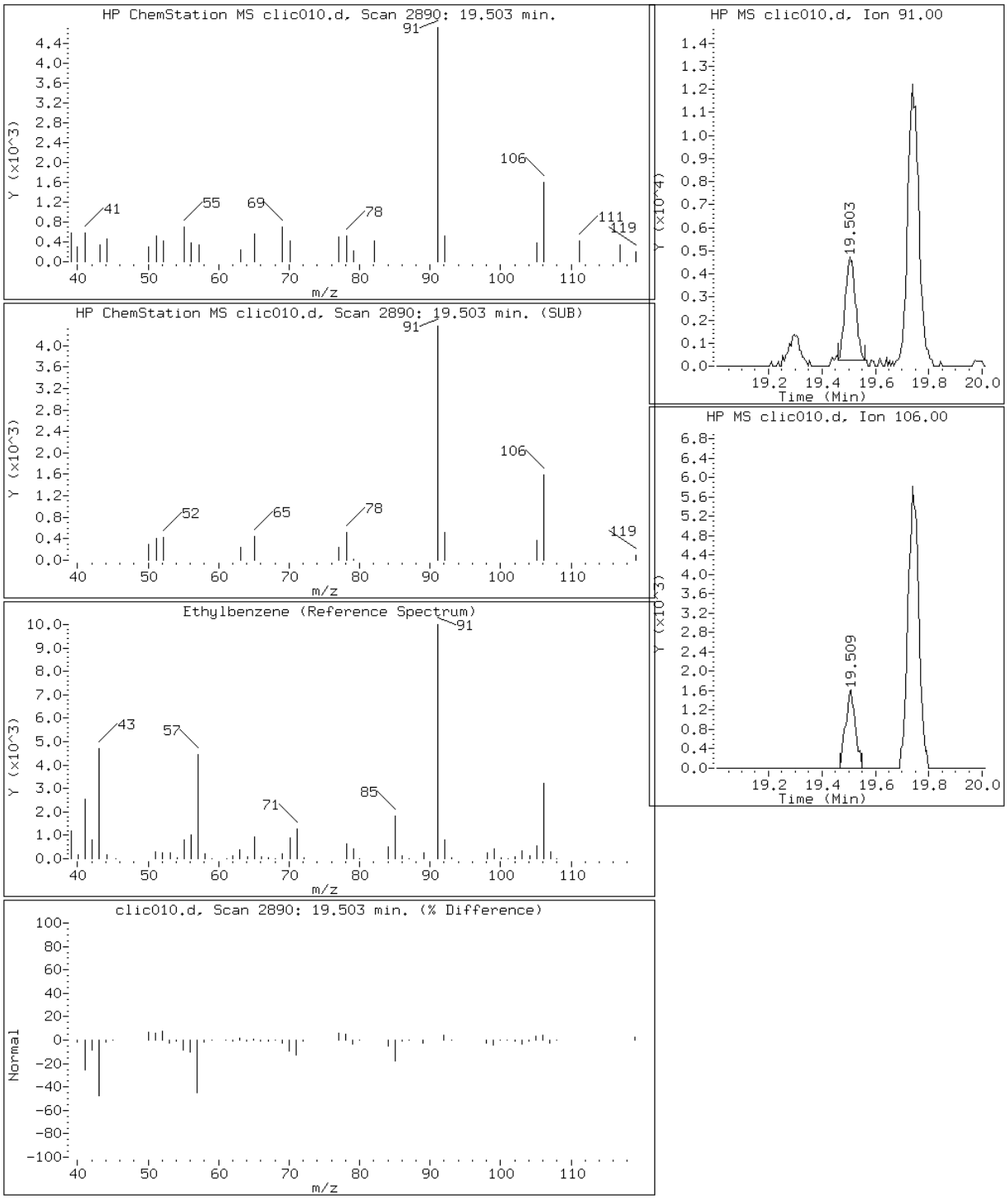
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

68 Ethylbenzene



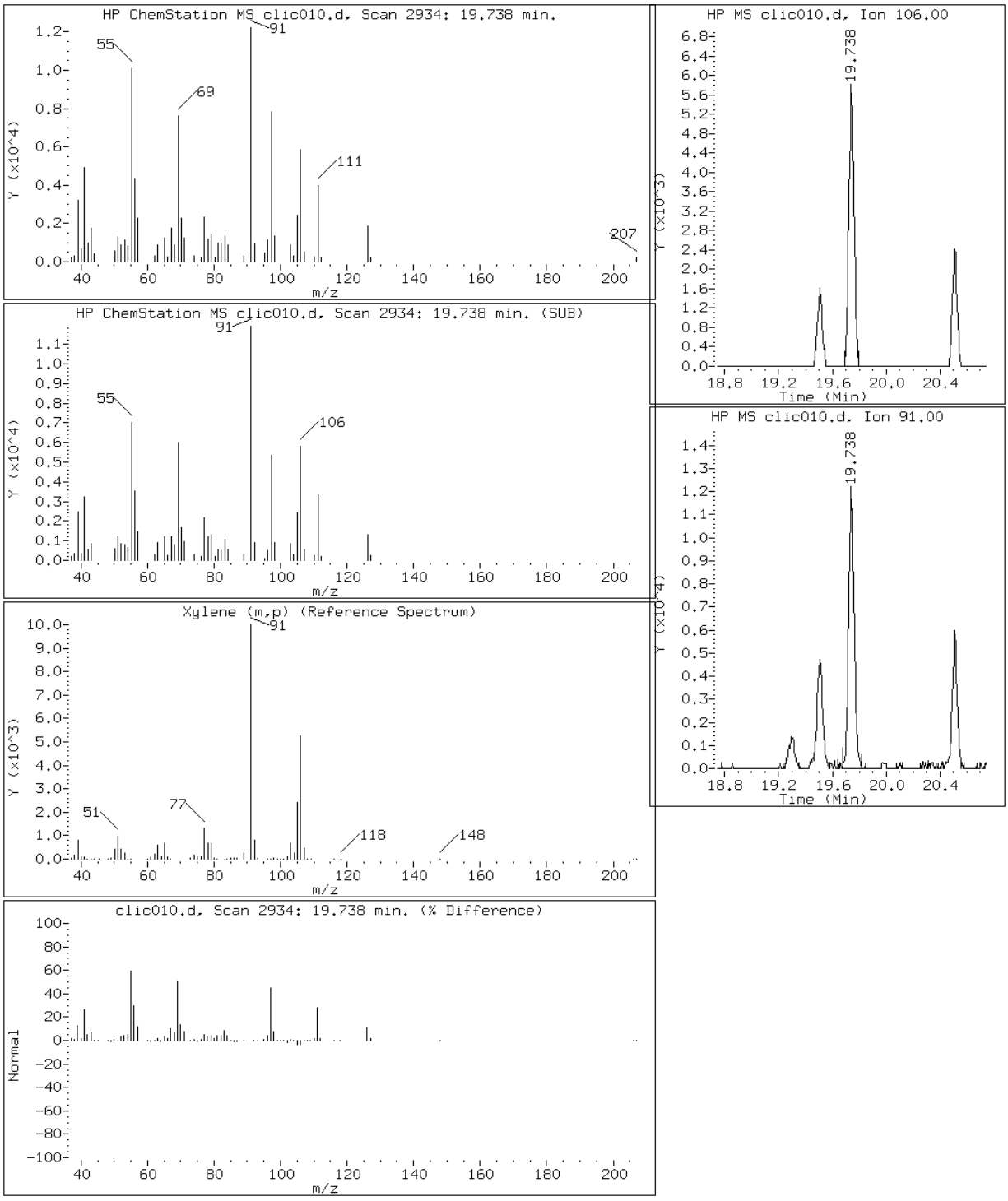
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

69 Xylene (m,p)



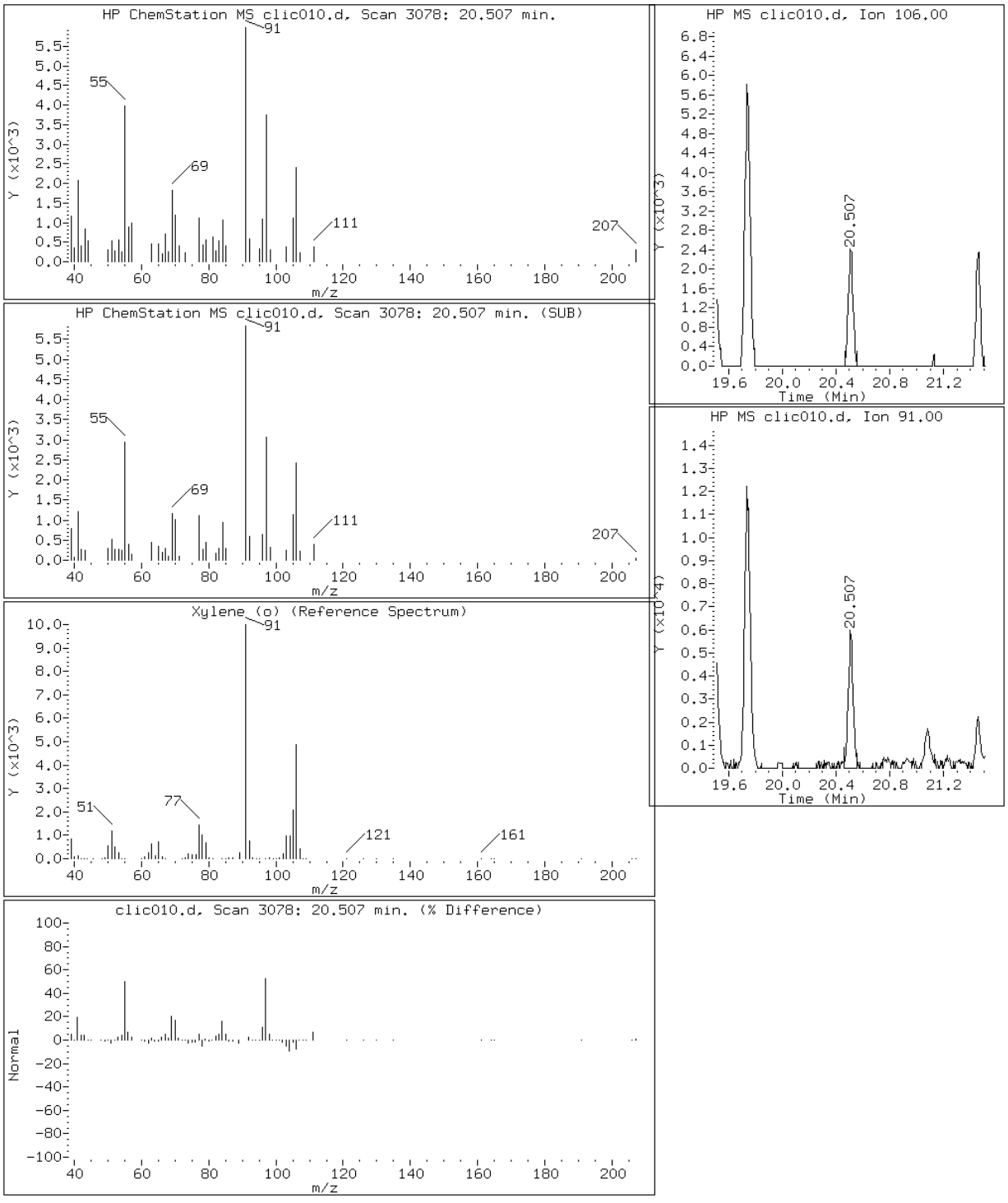
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

71 Xylene (o)



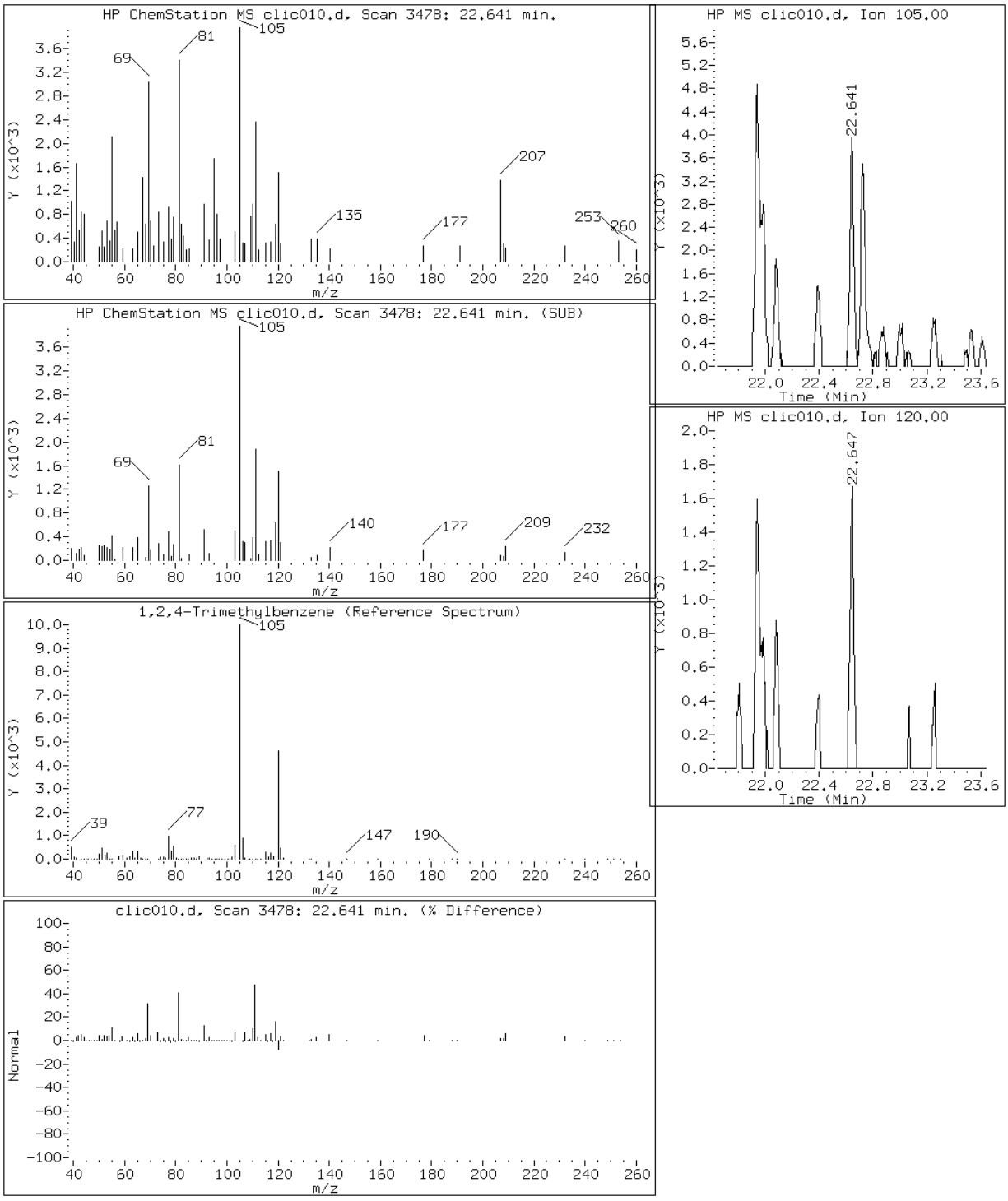
Data File: clic010.d

Lab Sample ID: 280-39216-4 Date: 12-MAR-2013 21:43

Client ID: 785786CA02AF Instrument: C.i

Sample Info: 280-39216-A-4 Operator: wrd

84 1,2,4-Trimethylbenzene



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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-52836/3	cli003.d
Level 2	IC 200-52836/4	cli004.d
Level 3	IC 200-52836/5	cli005.d
Level 4	IC 200-52836/6	cli006.d
Level 5	ICIS 200-52836/7	cli007.d
Level 6	IC 200-52836/8	cli008.d
Level 7	IC 200-52836/9	cli009.d
Level 8	IC 200-52836/10	cli010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	0.8782	0.7757	1.3925 0.6850	0.9713	0.9111	Ave		0.9356				26.3		30.0			
Dichlorodifluoromethane	3.3963	3.1090	4.0108 2.9504	3.5972	3.4347	Ave		3.4164				10.9		30.0			
Freon 22	1.8292	1.6609	2.1828 1.5153	1.9861	1.8842	Ave		1.8431				12.8		30.0			
1,2-Dichlorotetrafluoroethane	3.2985	4.1311 3.0495	3.8388 2.9015	3.5184	3.3204	Ave		3.4369				12.6		30.0			
Chloromethane	0.9916	0.8956	1.3520 0.8209	1.0907	1.0233	Ave		1.0290				18.0		30.0			
n-Butane	1.7092	1.4745	2.1100 1.3304	1.8661	1.7356	Ave		1.7043				16.3		30.0			
Vinyl chloride	1.6312 1.1433	1.4094 1.0153	1.3459 0.9575	1.2195	1.1483	Ave		1.2338				17.9		30.0			
1,3-Butadiene	0.8378	1.1391 0.7496	0.9868 0.6953	0.9021	0.8585	Ave		0.8813				16.9		30.0			
Bromomethane	0.9646	1.2593 0.8869	1.1930 0.8407	1.0251	0.9725	Ave		1.0203				15.1		30.0			
Chloroethane	0.5435	0.4953	0.6396 0.4601	0.5905	0.5660	Ave		0.5491				11.8		30.0			
Isopentane	1.2982	1.6297 1.1658	1.4836 1.0205	1.3442	1.3460	Ave		1.3269				15.0		30.0			
Bromoethene(Vinyl Bromide)	1.0131	1.1842 0.9401	1.0886 0.9366	1.0374	1.0394	Ave		1.0342				8.3		30.0			
Trichlorofluoromethane	3.3023	3.9209 3.0260	3.6396 2.9379	3.3968	3.3186	Ave		3.3632				10.1		30.0			
n-Pentane	2.0253	1.7853	2.4960 1.5839	2.1596	2.0872	Ave		2.0229				15.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.3369	0.3042	0.3768 0.2670	0.3160	0.3632	Ave		0.3273				12.3		30.0			
Ethyl ether	0.7523	0.9071 0.6806	0.8613 0.6140	0.7638	0.7671	Ave		0.7637				13.0		30.0			
Acrolein	0.4034	0.3586	0.3381	0.3744	0.3956	Ave		0.3740				7.1		30.0			
Freon TF	2.1442	2.5030 1.9930	2.3861 1.9370	2.2270	2.1768	Ave		2.1953				9.2		30.0			
1,1-Dichloroethene	1.0283	1.1802 0.9657	1.1067 0.9363	1.0668	1.0378	Ave		1.0460				7.9		30.0			
Acetone	1.4680	1.2227	1.0697	1.5592	1.4798	Ave		1.3599				15.1		30.0			
Carbon disulfide	3.2540	2.9965	3.5929 2.8886	3.3457	3.2979	Ave		3.2293				7.8		30.0			
Isopropyl alcohol	1.0270	0.9334	0.8042	1.0239	1.1844	Ave		0.9946				14.0		30.0			
3-Chloropropene	1.5858	2.1213 1.4900	2.0379 1.2972	1.6896	1.5870	Ave		1.6870				17.5		30.0			
Acetonitrile	0.4290	0.4975	0.4943	0.5513	0.4882	Ave		0.4921				8.8		30.0			
Methylene Chloride	1.1737	1.0544	1.6324 0.9583	1.2626	1.2280	Ave		1.2182				19.1		30.0			
tert-Butyl alcohol	1.4426	1.3606	1.2397	1.4394	1.7172	Ave		1.4399				12.2		30.0			
Methyl tert-butyl ether	3.0423	3.6149 2.8117	3.2332 2.5258	3.0100	3.0548	Ave		3.0418				11.1		30.0			
trans-1,2-Dichloroethene	1.7306	1.9479 1.5543	1.8441 1.4249	1.7977	1.7742	Ave		1.7248				10.3		30.0			
Acrylonitrile	0.7709	0.6932	0.8448 0.6341	0.7633	0.7646	Ave		0.7452				9.7		30.0			
n-Hexane	1.8739	2.2088 1.6942	2.0127 1.5467	1.9534	1.9180	Ave		1.8868				11.4		30.0			
1,1-Dichloroethane	2.1371	2.5157 1.9645	2.3659 1.8366	2.2420	2.2029	Ave		2.1807				10.6		30.0			
Vinyl acetate	2.5989	2.3104	2.0522	2.5193	2.5948	Ave		2.4151				9.7		30.0			
cis-1,2-Dichloroethene	1.1962	1.3607 1.1239	1.2635 1.0836	1.2033	1.2038	Ave		1.2050				7.5		30.0			
Methyl Ethyl Ketone	0.5303	0.4734	0.6218 0.4156	0.5231	0.5330	Ave		0.5162				13.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0928	0.0877	0.0818	0.0893	0.0935	Ave		0.0890				5.3		30.0			
Tetrahydrofuran	0.1898	0.1679	0.1501	0.1930	0.1943	Ave		0.1790				10.8		30.0			
Chloroform	2.5829	2.8694 2.4147	2.7423 2.3012	2.6332	2.6246	Ave		2.5955				7.3		30.0			
1,1,1-Trichloroethane	0.4955	0.5454 0.4678	0.5058 0.4698	0.4937	0.4969	Ave		0.4964				5.2		30.0			
Cyclohexane	0.2986	0.3235 0.2809	0.2968 0.2757	0.2969	0.2968	Ave		0.2956				5.2		30.0			
Carbon tetrachloride	0.6363 0.5180	0.5388 0.4955	0.5009 0.5112	0.5020	0.5094	Ave		0.5265				8.8		30.0			
Benzene	0.6367	1.0021 0.5961	0.7609 0.5595	0.6601	0.6476	Ave		0.6947				21.5		30.0			
2,2,4-Trimethylpentane	1.0269	1.1028 0.9235	1.0479 0.8411	1.0564	1.0413	Ave		1.0057				9.0		30.0			
1,2-Dichloroethane	0.3012	0.3424 0.2782	0.3165 0.2691	0.3105	0.3061	Ave		0.3034				8.0		30.0			
n-Heptane	0.3651	0.4415 0.3235	0.3882 0.2900	0.3793	0.3747	Ave		0.3660				13.2		30.0			
n-Butanol	0.0782	0.0744	0.0754	0.0758	0.0934	Ave		0.0795				10.0		30.0			
Trichloroethene	0.4118 0.3054	0.3286 0.2924	0.3022 0.2909	0.3106	0.3040	Ave		0.3182				12.4		30.0			
1,2-Dichloropropane	0.2398	0.2596 0.2213	0.2498 0.2002	0.2420	0.2393	Ave		0.2360				8.3		30.0			
Methyl methacrylate	0.2108	0.1924	0.1840 0.1795	0.1949	0.2073	Ave		0.1948				6.4		30.0			
1,4-Dioxane	0.0824	0.0753	0.0698	0.0766	0.0904	Ave		0.0789				10.0		30.0			
Dibromomethane	0.2184	0.2129 0.2254	0.1992 0.2514	0.2030	0.2079	Ave		0.2169				8.1		30.0			
Bromodichloromethane	0.5110	0.4910 0.4811	0.4750 0.4681	0.5060	0.5094	Ave		0.4916				3.6		30.0			
cis-1,3-Dichloropropene	0.3864	0.3707 0.3613	0.3529 0.3370	0.3723	0.3783	Ave		0.3655				4.6		30.0			
methyl isobutyl ketone	0.3676	0.3272	0.3676 0.2686	0.3644	0.3773	Ave		0.3454				12.0		30.0			
Toluene	0.4986	0.6112 0.4684	0.5382 0.4510	0.5389	0.4905	Ave		0.5138				10.5		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	0.4982	0.5742 0.4365	0.5253 0.3704	0.5197	0.5062	Ave		0.4901				13.6		30.0			
trans-1,3-Dichloropropene	0.4019	0.4069 0.3760	0.3819 0.3519	0.3845	0.3876	Ave		0.3844				4.7		30.0			
1,1,2-Trichloroethane	0.2501	0.2682 0.2304	0.2638 0.2156	0.2687	0.2472	Ave		0.2491				8.1		30.0			
Tetrachloroethene	0.3912	0.3904 0.3881	0.3617 0.4370	0.3913	0.3733	Ave		0.3904				6.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	0.3680	0.3296	0.3641 0.2746	0.4089	0.3884	Ave		0.3556				13.4		30.0			
Dibromochloromethane	0.5148	0.4381 0.5006	0.4241 0.5153	0.5161	0.4945	Ave		0.4862				8.0		30.0			
1,2-Dibromoethane	0.4618	0.4510 0.4379	0.4260 0.4267	0.4842	0.4479	Ave		0.4479				4.6		30.0			
Chlorobenzene	0.6638	0.7332 0.6451	0.6707 0.6364	0.6955	0.6440	Ave		0.6698				5.1		30.0			
Ethylbenzene	1.0703	1.1818 1.0119	1.1092 0.9913	1.1276	1.0542	Ave		1.0780				6.2		30.0			
n-Nonane	0.5080	0.5223 0.4488	0.5542 0.3989	0.5720	0.5179	Ave		0.5032				12.0		30.0			
m,p-Xylene	0.4114	0.4179 0.3942	0.4133 0.3909	0.4178	0.3930	Ave		0.4055				3.0		30.0			
Xylene, o-	0.3934	0.3994 0.3810	0.3956 0.3759	0.4132	0.3847	Ave		0.3919				3.2		30.0			
Styrene	0.6041	0.4827 0.6026	0.4948 0.6080	0.6152	0.5917	Ave		0.5713				10.0		30.0			
Bromoform	0.4783	0.3439 0.4774	0.3331 0.5307	0.4302	0.4338	Ave		0.4325				16.7		30.0			
Cumene	1.1805	1.1904 1.1315	1.1431 1.1509	1.2105	1.1457	Ave		1.1647				2.5		30.0			
1,1,2,2-Tetrachloroethane	0.6203	0.6504 0.5690	0.6329 0.5351	0.6731	0.6196	Ave		0.6143				7.7		30.0			
1,2,3-Trichloropropane	0.5004	0.4482	0.5343 0.4117	0.5529	0.5006	Ave		0.4914				10.8		30.0			
n-Propylbenzene	1.4776	1.3695 1.3876	1.3855 1.3327	1.5720	1.4637	Ave		1.4270				5.7		30.0			
4-Ethyltoluene	1.2291	1.0536 1.1493	1.1463 1.1148	1.2831	1.2136	Ave		1.1700				6.6		30.0			
2-Chlorotoluene	1.0675	1.1375 0.9725	1.0977 0.8937	1.1805	1.0691	Ave		1.0598				9.2		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	0.5587	0.4971	0.6586 0.3819	0.7056	0.6248	Ave		0.5711				20.7		30.0			
1,3,5-Trimethylbenzene	1.0084	0.9379 1.0004	0.9771 1.0090	1.0879	1.0087	Ave		1.0042				4.5		30.0			
Alpha Methyl Styrene	0.4595	0.2822 0.4917	0.3493 0.5119	0.4976	0.4745	Ave		0.4381				20.0		30.0			
tert-Butylbenzene	0.9518	0.9331 0.9423	0.9065 0.9828	0.9980	0.9217	Ave		0.9480				3.4		30.0			
1,2,4-Trimethylbenzene	0.9628	0.8165 0.9961	0.9533 1.0086	1.0864	0.9937	Ave		0.9739				8.4		30.0			
sec-Butylbenzene	1.4171	1.3147 1.4056	1.3988 1.4267	1.5488	1.4086	Ave		1.4172				4.9		30.0			
4-Isopropyltoluene	1.2148	0.9908 1.2499	1.1004 1.2857	1.2731	1.1950	Ave		1.1871				9.0		30.0			
1,3-Dichlorobenzene	0.6383	0.5615 0.6819	0.6125 0.7430	0.6611	0.6135	Ave		0.6445				9.0		30.0			
1,4-Dichlorobenzene	0.6110	0.5455 0.6615	0.5873 0.7290	0.6462	0.6001	Ave		0.6258				9.5		30.0			
Benzyl chloride	0.9491	0.8023 0.9371	0.7889 0.9559	1.0098	0.9303	Ave		0.9105				9.1		30.0			
n-Butylbenzene	1.0464	0.7309 1.1005	1.0174 1.0767	1.2556	1.1362	Ave		1.0520				15.3		30.0			
n-Undecane	0.3663	0.5057	0.4725	0.6386	0.4838	Ave		0.4934				19.7		30.0			
1,2-Dichlorobenzene	0.5746	0.5398 0.6311	0.5724 0.6876	0.6350	0.5821	Ave		0.6032				8.3		30.0			
n-Dodecane	0.1801	0.3087	0.2931	0.5678	0.4045	Ave		0.3509				41.4	*	30.0			
1,2,4-Trichlorobenzene	0.2436	0.4172	0.2780 0.4393	0.3648	0.3649	Ave		0.3513				21.8		30.0			
Hexachlorobutadiene	0.3586	0.2807 0.4146	0.3467 0.4517	0.4026	0.3897	Ave		0.3778				14.6		30.0			
Naphthalene	0.4196	0.8657	0.5782 0.7569	0.8280	0.7806	Ave		0.7048				24.3		30.0			
1,2,3-Trichlorobenzene	0.2046	0.1421 0.3582	0.2504 0.3602	0.3311	0.3268	Ave		0.2819				30.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-52836/3	cli003.d
Level 2	IC 200-52836/4	cli004.d
Level 3	IC 200-52836/5	cli005.d
Level 4	IC 200-52836/6	cli006.d
Level 5	ICIS 200-52836/7	cli007.d
Level 6	IC 200-52836/8	cli008.d
Level 7	IC 200-52836/9	cli009.d
Level 8	IC 200-52836/10	cli010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	487281	658213	20781 1270106	160211	331317	15.0	20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	1884517	2638063	59855 5470247	593324	1248987	15.0	20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	1014974	1409348	32575 2809375	327595	685171	15.0	20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	1830303	26586 2587539	57288 5379478	580325	1207417	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	550232	759946	20177 1522038	179906	372116	15.0	20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	948426	1251114	31489 2466572	307800	631136	15.0	20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	2136 634401	9070 861503	20086 1775220	201150	417557	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	464906	7331 636010	14726 1289117	148801	312169	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	535246	8104 752513	17803 1558631	169081	353648	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	301566	420235	9545 852986	97401	205803	15.0	20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	720349	10488 989190	22141 1892142	221715	489444	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	562139	7621 797695	16245 1736536	171111	377974	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	1832411	25233 2567633	54316 5447038	560274	1206755	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	1123807	1514901	37249 2936653	356212	758996	15.0	20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	249278	516285	56229 1237666	104228	198086	20.0	40.0	5.00 100	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	417446	5838 577480	12853 1138402	125977	278929	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	223852	304275	626785	61759	143847	15.0	20.0	40.0	5.00	10.0
Freon TF	BCM	Ave	1189767	16108 1691139	35609 3591251	367324	791581	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	570574	7595 819379	16516 1735884	175966	377388	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	814561	1037511	1983180	257170	538103	15.0	20.0	40.0	5.00	10.0
Carbon disulfide	BCM	Ave	1805595	2542597	53618 5355636	551853	1199228	15.0	20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	569850	792045	1490974	168885	430705	15.0	20.0	40.0	5.00	10.0
3-Chloropropene	BCM	Ave	879953	13652 1264304	30412 2405104	278693	577090	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	238033	422172	916498	90937	177536	15.0	20.0	40.0	5.00	10.0
Methylene Chloride	BCM	Ave	651260	894689	24361 1776751	208264	446557	15.0	20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	800484	1154530	2298547	237416	624428	15.0	20.0	40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	1688105	23264 2385748	48251 4683028	496477	1110840	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	960274	12536 1318819	27521 2641753	296518	645171	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	427755	588174	12608 1175704	125904	278052	15.0	20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	1039818	14215 1437599	30036 2867680	322191	697439	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	1185863	16190 1666908	35307 3405056	369803	801048	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	1442073	1960445	3804887	415539	943554	15.0	20.0	40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	663734	8757 953654	18856 2009077	198479	437731	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	294248	401662	9280 770517	86274	193808	15.0	20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	51499	74405	151721	14723	34009	15.0	20.0	40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	618108	829734	1552146	186285	415064	15.0	20.0	40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	1433226	18466 2048963	40924 4266582	434323	954417	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	1613903	20498 2311812	43882 4857441	476607	1061745	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	972543	12160 1388537	25748 2850564	286673	634270	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	4828 1687331	20251 2448768	43465 5285128	484642	1088377	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	2073964	37663 2946227	66023 5784551	637250	1383679	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	3344921	41448 4564079	90923 8696287	1019895	2225035	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	981060	12868 1375097	27461 2782007	299721	654050	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	1189083	16593 1598806	33683 2998685	366177	800575	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	254775	367745	779915	73158	199633	15.0	20.0	40.0	5.00	10.0
Trichloroethene	DFB	Ave	3125 994688	12350 1445354	26223 3007896	299858	649486	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	781008	9758 1093527	21671 2070155	233644	511421	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	686578	951000	15964 1855779	188139	442870	15.0	20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	268341	371934	721460	73934	193229	15.0	20.0	40.0	5.00	10.0
Dibromomethane	DFB	Ave	711277	8000 1113792	17284 2599404	195932	444171	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	1664502	18454 2377565	41212 4839330	488462	1088377	15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	1258598	13933 1785652	30616 3484006	359388	808414	15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	1197258	1617146	31895 2777100	351809	806126	15.0	20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	1507371	20656 2184066	41575 4308219	438113	959767	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	1622708	21581 2157292	45580 3829915	501700	1081624	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	1308978	15295 1858260	33140 3638785	371201	828108	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	756070	9064 1074261	20380 2059239	218433	483772	15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	1182544	13193 1809556	27939 4174075	318144	730416	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	1112574	1536906	28128 2623285	332462	759978	15.0	20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	1556127	14806 2334083	32758 4921583	419560	967675	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	1396118	15243 2041868	32909 4075664	393643	876437	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	2006801	24780 3007981	51810 6078460	565417	1260234	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	3235525	39941 4717926	85681 9469161	916724	2062984	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	1535759	17653 2092659	42811 3810205	465009	1013406	15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	2487539	28248 3675728	63851 7466920	679390	1538052	30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	1189260	13500 1776316	30557 3590596	335951	752840	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	1826124	16313 2809834	38224 5807466	500163	1157855	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	1445853	11623 2225749	25735 5069095	349756	848831	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	3568568	40234 5275716	88304 10993640	984146	2241975	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	1875029	21982 2652862	48890 5110861	547262	1212420	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	1512867	2089573	41271 3932885	449480	979645	15.0	20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	4466777	46287 6469815	107027 12730075	1278031	2864185	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	3715691	35608 5358585	88549 10648317	1043152	2374857	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	3226988	38445 4534247	84796 8536224	959758	2092137	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	1689080	2317599	50872 3648252	573623	1222717	15.0	20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	3048408	31698 4664234	75476 9638214	884433	1973771	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	1389063	9536 2292471	26986 4889984	404558	928608	15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	2877394	31537 4393558	70022 9387260	811383	1803702	15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	2910542	27595 4644310	73644 9634193	883270	1944480	15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	4283815	44433 6553731	108053 13627904	1259164	2756394	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	3672318	33486 5827765	85007 12280576	1035047	2338493	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	1929469	18976 3179148	47312 7096676	537484	1200502	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	1847109	18436 3084419	45368 6962840	525331	1174260	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	2869280	27117 4369016	60939 9130193	821010	1820411	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	3163412	24702 5131193	78595 10284567	1020785	2223418	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	1107196	2357688	4513494	519219	946768	15.0	20.0	40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	1737000	18245 2942279	44218 6567485	516221	1139140	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	544568	1439151	2799731	461629	791600	15.0	20.0	40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	736341	1945070	21473 4196039	296578	714106	15.0	20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	1084197	9487 1933277	26782 4314269	327332	762566	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	1268372	4036338	44666 7230213	673188	1527507	15.0	20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	618561	4803 1670031	19346 3440302	269219	639525	15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli003.d
Lab Smp Id: ic 463751
Inj Date : 09-MAR-2013 15:27
Operator : pad Inst ID: C.i
Smp Info : ic 463751
Misc Info : 40,1, level 8
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:09 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 15:27 Cal File: cli003.d
Als bottle: 2 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	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	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	5.083	5.083	(0.425)	2136	0.04000	0.053(aM)
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

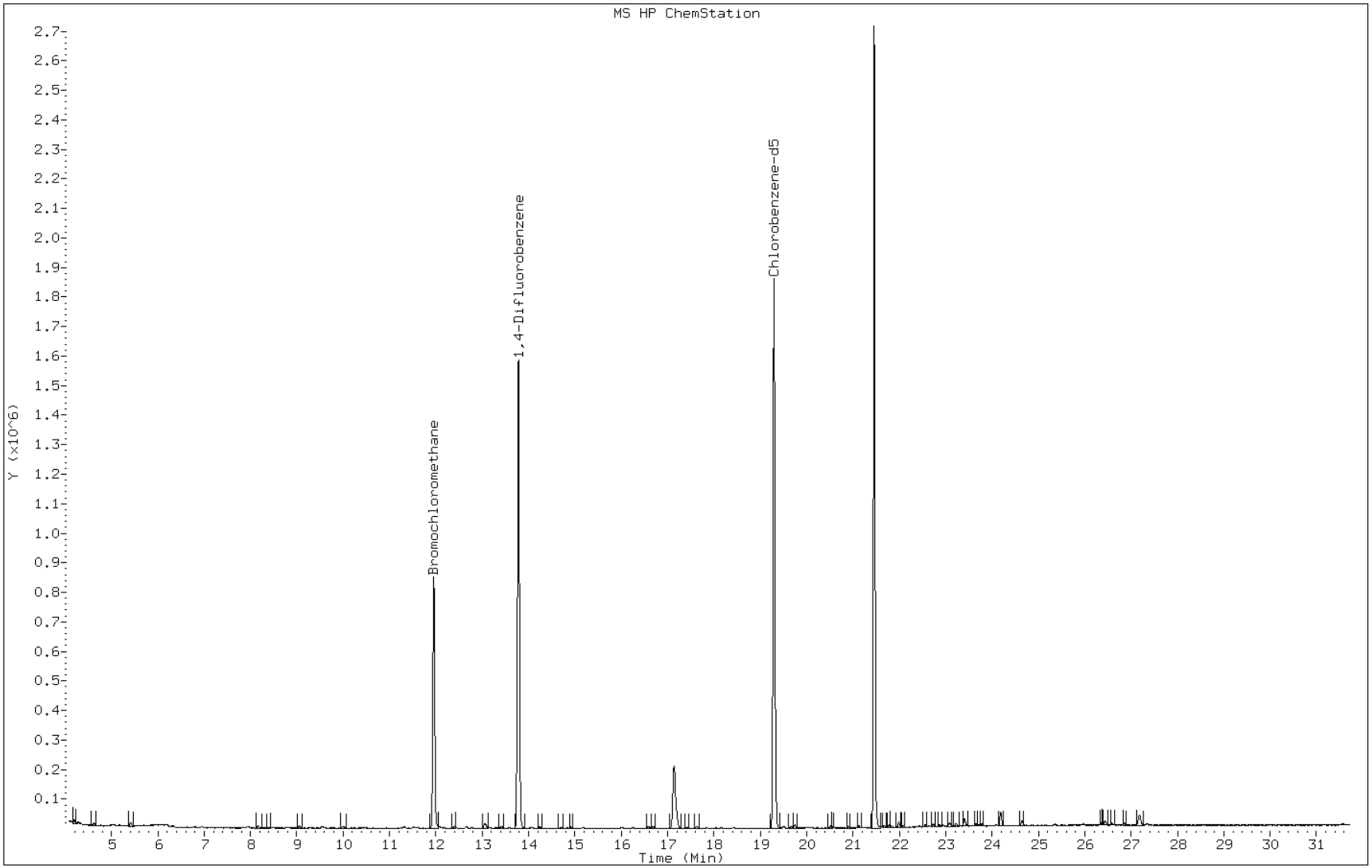
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	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	11.957	11.957	(1.000)	327366	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	12.645	12.656	(0.918)	4828	0.04000	0.048(aH)
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	13.782	13.782	(1.000)	1897021	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	14.236	14.241	(1.033)	3125	0.04000	0.052(aH)
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (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	19.301	19.295	(1.000)	1723982	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File:	cli003.d	Date:	09-MAR-2013 15:27
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463751		
Lab Sample ID:	ic 463751		



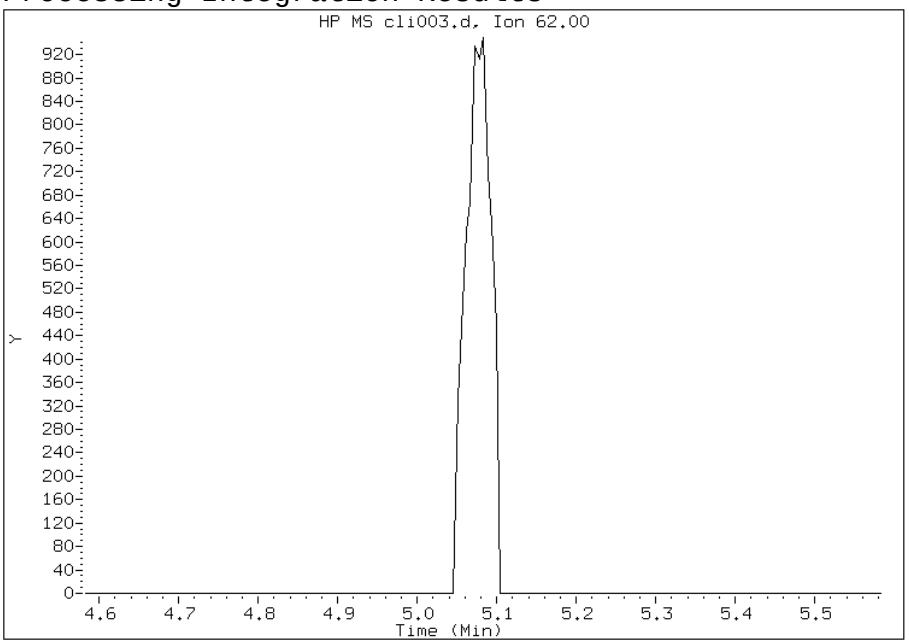
Manual Integration Report

Data File: cli003.d
Lab Sample ID: ic 463751
Inj. Date and Time: 09-MAR-2013 15:27
Instrument ID: C.i
Client ID:
Compound: 7 Vinyl chloride
CAS #: 75-01-4
Report Date: 03/11/2013

Processing Integration Results

Not Detected

Expected RT: 5.08



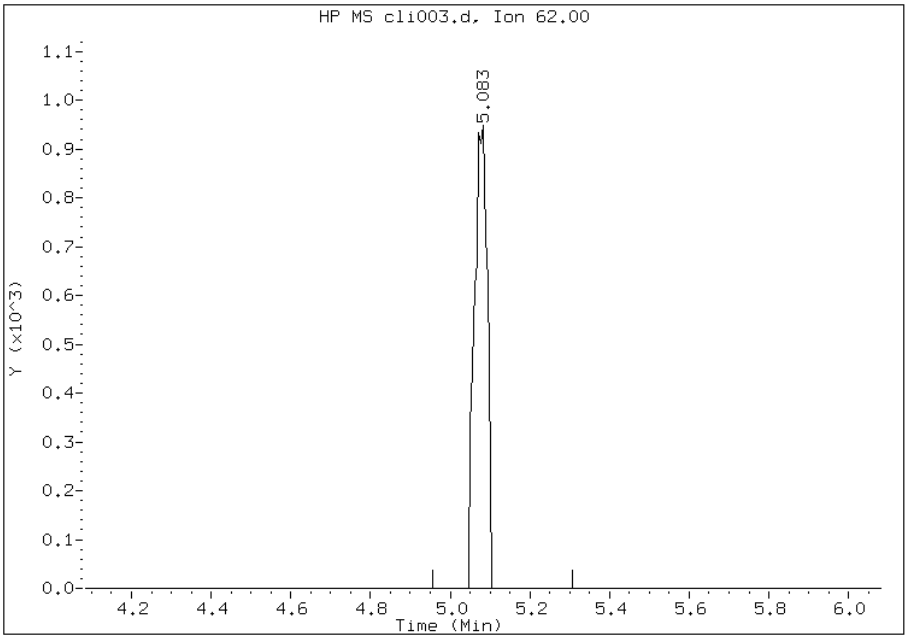
Manual Integration Results

RT: 5.08

Response: 2136

Amount: 0.052884

Conc: 0.052884



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli004.d
Lab Smp Id: ic 463751
Inj Date : 09-MAR-2013 16:20
Operator : pad Inst ID: C.i
Smp Info : ic 463751
Misc Info : 200,1, level 1
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:09 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 16:20 Cal File: cli004.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1	Propene	41	4.197	4.197	(0.351)	11963	0.20000	0.40(a)
2	Dichlorodifluoromethane	85	4.282	4.288	(0.358)	27556	0.20000	0.25(a)
3	Chlorodifluoromethane	51	4.336	4.341	(0.363)	15703	0.20000	0.26(a)
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	26586	0.20000	0.24
5	Chloromethane	50	4.773	4.779	(0.399)	10724	0.20000	0.32(a)
6	Butane	43	5.040	5.046	(0.422)	15230	0.20000	0.28(a)
7	Vinyl chloride	62	5.072	5.083	(0.424)	9070	0.20000	0.23
8	1,3-Butadiene	54	5.168	5.179	(0.432)	7331	0.20000	0.26
9	Bromomethane	94	5.942	5.948	(0.497)	8104	0.20000	0.25
10	Chloroethane	64	6.209	6.214	(0.519)	4357	0.20000	0.25(a)
11	2-Methylbutane	43	6.332	6.332	(0.530)	10488	0.20000	0.25
12	Vinyl bromide	106	6.657	6.652	(0.557)	7621	0.20000	0.23
13	Trichlorofluoromethane	101	6.775	6.785	(0.567)	25233	0.20000	0.23
14	Pentane	43	6.951	6.951	(0.581)	16463	0.20000	0.25(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.340	7.330	(0.614)	10161	0.20000	0.96(a)
16	Ethyl ether	59	7.501	7.490	(0.627)	5838	0.20000	0.24
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	16108	0.20000	0.23
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.965	7.976	(0.666)	7595	0.20000	0.23
20	Acetone	43	8.157	8.157	(0.682)	44142	0.20000	1.0(a)
21	Carbon disulfide	76	8.408	8.408	(0.703)	24553	0.20000	0.24(a)
22	Isopropanol	45	8.472	8.461	(0.709)	11141	0.20000	0.35(a)
23	Allyl chloride	41	8.776	8.776	(0.734)	13652	0.20000	0.25(aM)
24	Acetonitrile	41	8.803	8.776	(0.736)	5083	0.20000	0.32(aQM)
25	Methylene chloride	49	9.054	9.059	(0.757)	13171	0.20000	0.34(a)
26	Tert-butyl alcohol	59	9.278	9.267	(0.776)	9808	0.20000	0.21(a)
27	Methyl tert-butyl ether	73	9.545	9.529	(0.798)	23264	0.20000	0.24
28	1,2-Dichloroethene (trans)	61	9.545	9.550	(0.798)	12536	0.20000	0.23
29	Acrylonitrile	53	9.603	9.609	(0.803)	5673	0.20000	0.24(a)
30	n-Hexane	57	9.998	9.998	(0.836)	14215	0.20000	0.23
31	1,1-Dichloroethane	63	10.409	10.420	(0.871)	16190	0.20000	0.23
32	Vinyl acetate	43	10.484	10.479	(0.877)	18205	0.20000	0.23(a)
M 33	1,2-Dichloroethene,Total	61				21293	0.40000	0.45
34	1,2-Dichloroethene (cis)	96	11.509	11.514	(0.962)	8757	0.20000	0.23
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.535	11.530	(0.965)	5480	0.20000	0.33(aQ)
* 37	Bromochloromethane	128	11.957	11.957	(1.000)	321777	10.0000	
38	Tetrahydrofuran	42	12.026	12.016	(0.873)	8715	0.20000	0.26(a)
39	Chloroform	83	12.074	12.074	(1.010)	18466	0.20000	0.22
40	Cyclohexane	84	12.416	12.427	(0.901)	12160	0.20000	0.22
41	1,1,1-Trichloroethane	97	12.384	12.395	(0.899)	20498	0.20000	0.22
42	Carbon tetrachloride	117	12.656	12.656	(0.919)	20251	0.20000	0.20
43	2,2,4-Trimethylpentane	57	13.072	13.078	(0.949)	41448	0.20000	0.22
44	Benzene	78	13.051	13.051	(0.947)	37663	0.20000	0.29
45	1,2-Dichloroethane	62	13.163	13.168	(0.955)	12868	0.20000	0.23
46	n-Heptane	43	13.419	13.419	(0.974)	16593	0.20000	0.24
* 47	1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1879246	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	14.236	14.241	(1.033)	12350	0.20000	0.21
50	1,2-Dichloropropane	63	14.684	14.689	(1.066)	9758	0.20000	0.22
51	Methyl methacrylate	69	14.834	14.828	(1.077)	7593	0.20000	0.21(a)
52	Dibromomethane	174	14.919	14.919	(1.083)	8000	0.20000	0.20
53	1,4-Dioxane	88	14.914	14.903	(1.083)	3619	0.20000	0.24(a)
54	Bromodichloromethane	83	15.170	15.170	(1.101)	18454	0.20000	0.20
55	1,3-Dichloropropene (cis)	75	16.008	16.013	(1.162)	13933	0.20000	0.20
56	Methyl isobutyl ketone	43	16.264	16.253	(1.181)	14586	0.20000	0.22(a)
57	n-Octane	43	16.675	16.680	(1.210)	21581	0.20000	0.23(a)
58	Toluene	92	16.595	16.589	(0.860)	20656	0.20000	0.24
59	1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	15295	0.20000	0.21
60	1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	9064	0.20000	0.22
61	Tetrachloroethene	166	17.630	17.630	(0.914)	13193	0.20000	0.20

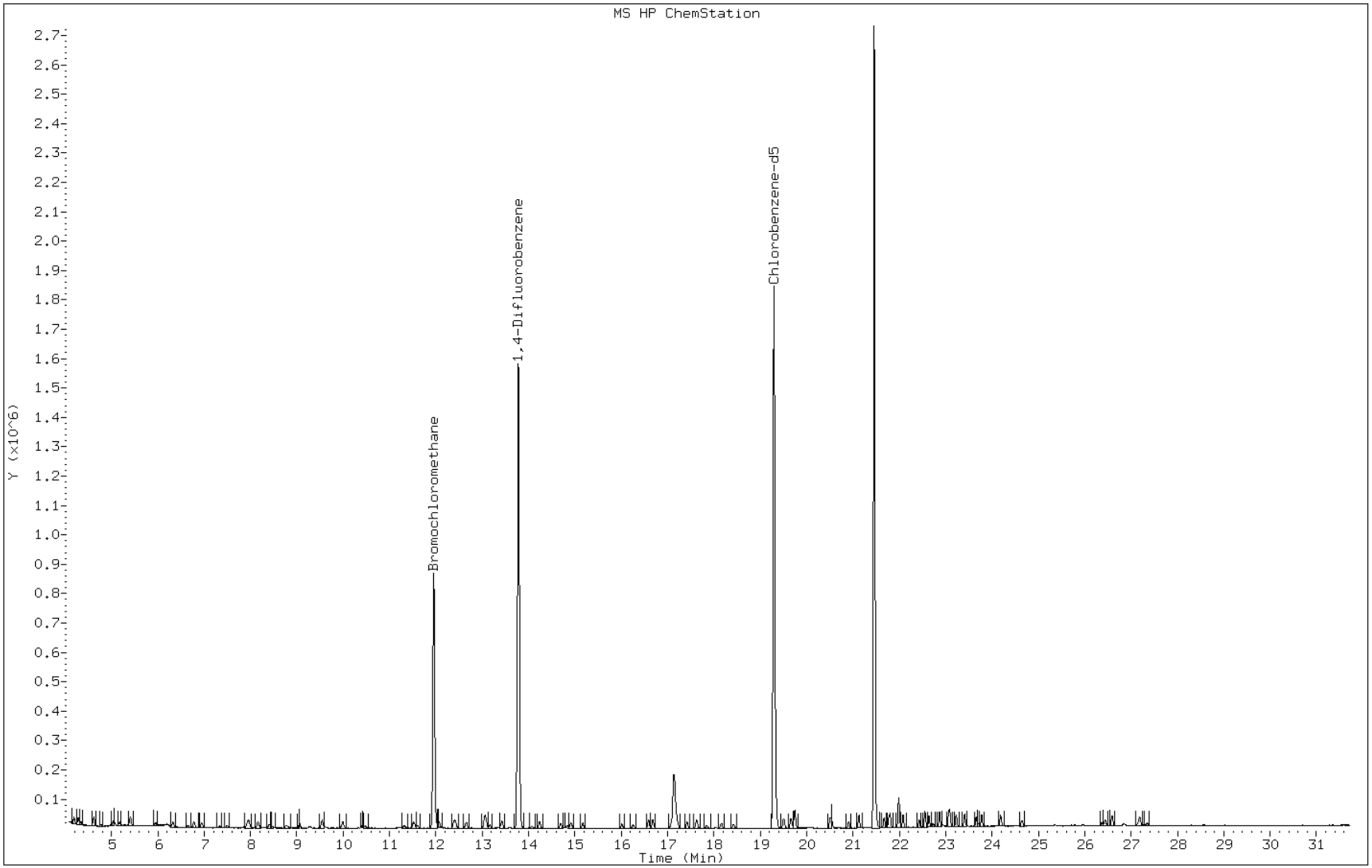
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	13020	0.20000	0.22(a)
63	Dibromochloromethane	129	18.158	18.158	(0.941)	14806	0.20000	0.18(a)
64	1,2-Dibromoethane	107	18.431	18.425	(0.955)	15243	0.20000	0.20
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1689867	10.0000	
66	Chlorobenzene	112	19.359	19.354	(1.003)	24780	0.20000	0.22
67	n-Nonane	57	19.663	19.663	(1.019)	17653	0.20000	0.21(M)
68	Ethylbenzene	91	19.509	19.509	(1.011)	39941	0.20000	0.22
69	Xylene (m,p)	106	19.749	19.743	(1.024)	28248	0.40000	0.41(a)
M 70	Xylenes, Total	106				41748	0.20000	0.62
71	Xylene (o)	106	20.507	20.512	(1.063)	13500	0.20000	0.20
72	Styrene	104	20.539	20.544	(1.064)	16313	0.20000	0.17(a)
73	Bromoform	173	20.912	20.907	(1.084)	11623	0.20000	0.16(a)
74	Isopropylbenzene	105	21.131	21.131	(1.095)	40234	0.20000	0.20
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	21982	0.20000	0.21
76	n-Propylbenzene	91	21.803	21.804	(1.130)	46287	0.20000	0.19(a)
77	1,2,3-Trichloropropane	75	21.777	21.771	(1.129)	18933	0.20000	0.23(a)
78	n-Decane	57	21.996	21.996	(1.140)	14318	0.20000	0.15(a)
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	35608	0.20000	0.18(a)
80	2-Chlorotoluene	91	21.985	21.990	(1.139)	38445	0.20000	0.21
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	31698	0.20000	0.19(a)
82	Alpha Methyl Styrene	118	22.423	22.428	(1.162)	9536	0.20000	0.13(a)
83	tert-butylbenzene	119	22.556	22.556	(1.169)	31537	0.20000	0.20
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	27595	0.20000	0.17(a)
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	44433	0.20000	0.19(a)
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	33486	0.20000	0.17(a)
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	18976	0.20000	0.17(a)
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	18436	0.20000	0.17(a)
89	Benzyl chloride	91	23.410	23.410	(1.213)	27117	0.20000	0.18(a)
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	23.661	23.655	(1.226)	24702	0.20000	0.14(a)
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	18245	0.20000	0.18(a)
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	5664	0.20000	0.095(a)
95	1,3-Hexachlorobutadiene	225	26.585	26.596	(1.378)	9487	0.20000	0.15(a)
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	4803	0.20000	0.10(a)

QC Flag Legend

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

Data File: cli004.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 463751
Lab Sample ID: ic 463751

Date: 09-MAR-2013 16:20
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: cli004.d
Lab Sample ID: ic 463751
Inj. Date and Time: 09-MAR-2013 16:20
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

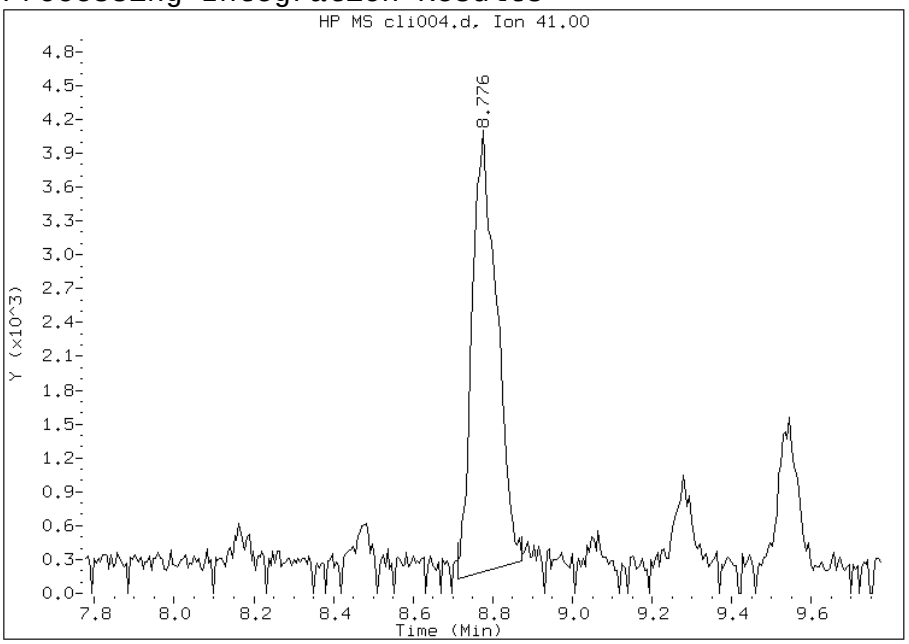
Processing Integration Results

RT: 8.78

Response: 16875

Amount: 0.247586

Conc: 0.247586



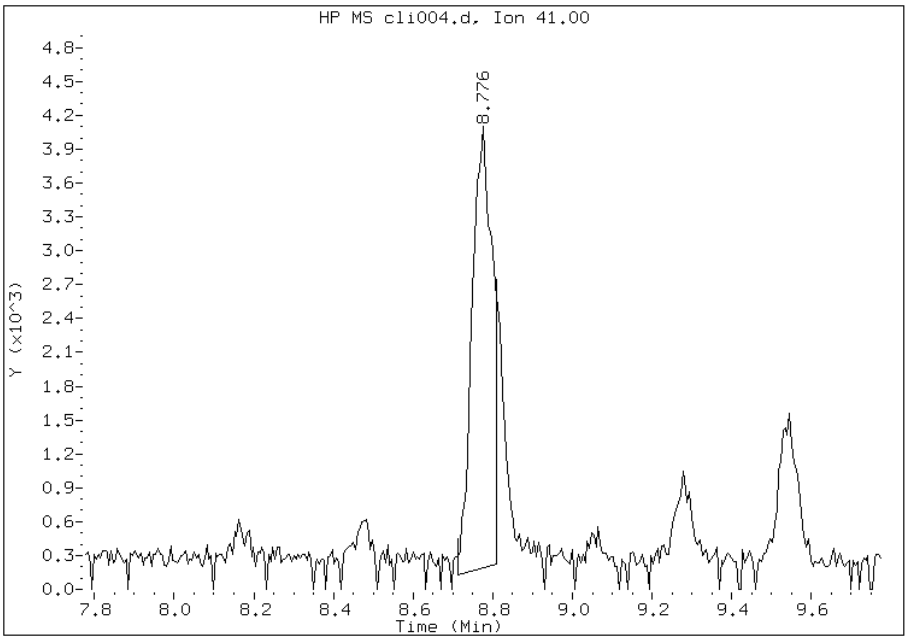
Manual Integration Results

RT: 8.78

Response: 13652

Amount: 0.251495

Conc: 0.251495



File Uploaded By: wrd
Manual Integration Reason: Baseline event

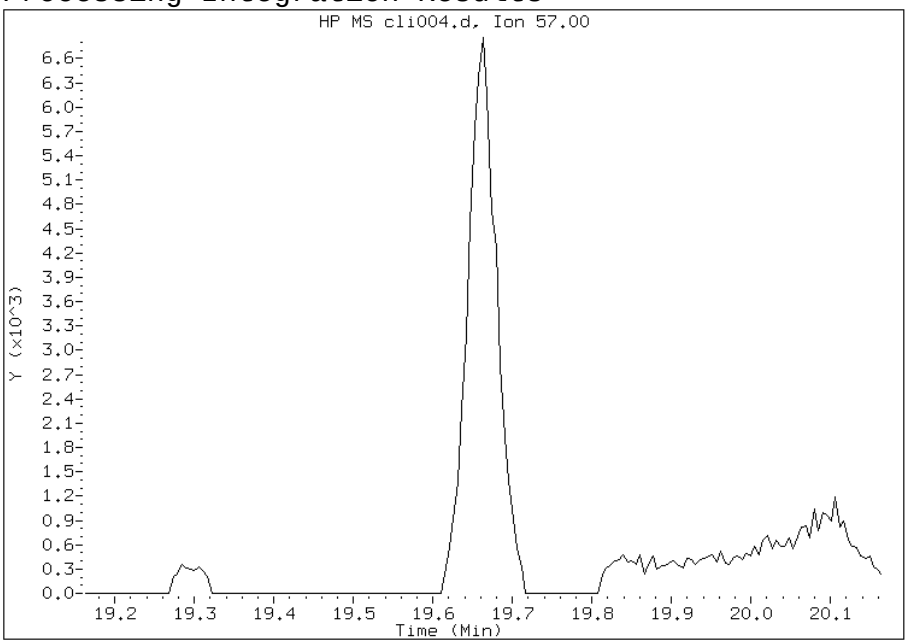
Manual Integration Report

Data File: cli004.d
Lab Sample ID: ic 463751
Inj. Date and Time: 09-MAR-2013 16:20
Instrument ID: C.i
Client ID:
Compound: 67 n-Nonane
CAS #: 111-84-2
Report Date: 03/11/2013

Processing Integration Results

Not Detected

Expected RT: 19.66



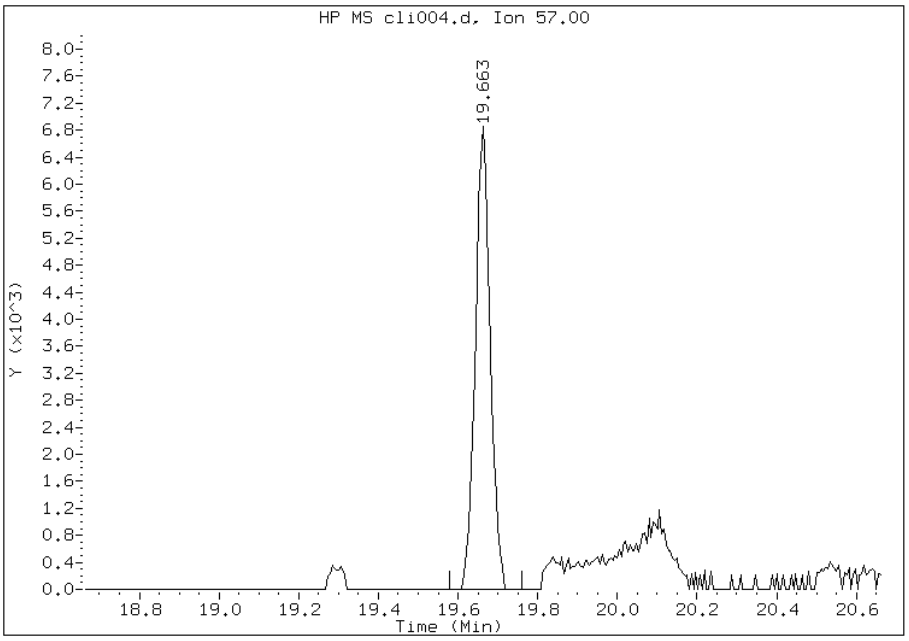
Manual Integration Results

RT: 19.66

Response: 17653

Amount: 0.207616

Conc: 0.207616



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli005.d
Lab Smp Id: ic 463766
Inj Date : 09-MAR-2013 17:13
Operator : pad Inst ID: C.i
Smp Info : ic 463766
Misc Info : 200,1, level 2
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 17:13 Cal File: cli005.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.192	4.197	(0.351)	20781	0.50000	0.74(a)
2 Dichlorodifluoromethane	85	4.283	4.288	(0.358)	59855	0.50000	0.59
3 Chlorodifluoromethane	51	4.347	4.341	(0.364)	32575	0.50000	0.59
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	57288	0.50000	0.56
5 Chloromethane	50	4.779	4.779	(0.400)	20177	0.50000	0.66
6 Butane	43	5.040	5.046	(0.422)	31489	0.50000	0.62
7 Vinyl chloride	62	5.078	5.083	(0.425)	20086	0.50000	0.55
8 1,3-Butadiene	54	5.174	5.179	(0.433)	14726	0.50000	0.56
9 Bromomethane	94	5.953	5.948	(0.498)	17803	0.50000	0.58
10 Chloroethane	64	6.209	6.214	(0.519)	9545	0.50000	0.58
11 2-Methylbutane	43	6.321	6.332	(0.529)	22141	0.50000	0.56
12 Vinyl bromide	106	6.652	6.652	(0.556)	16245	0.50000	0.53
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	54316	0.50000	0.54
14 Pentane	43	6.951	6.951	(0.581)	37249	0.50000	0.62

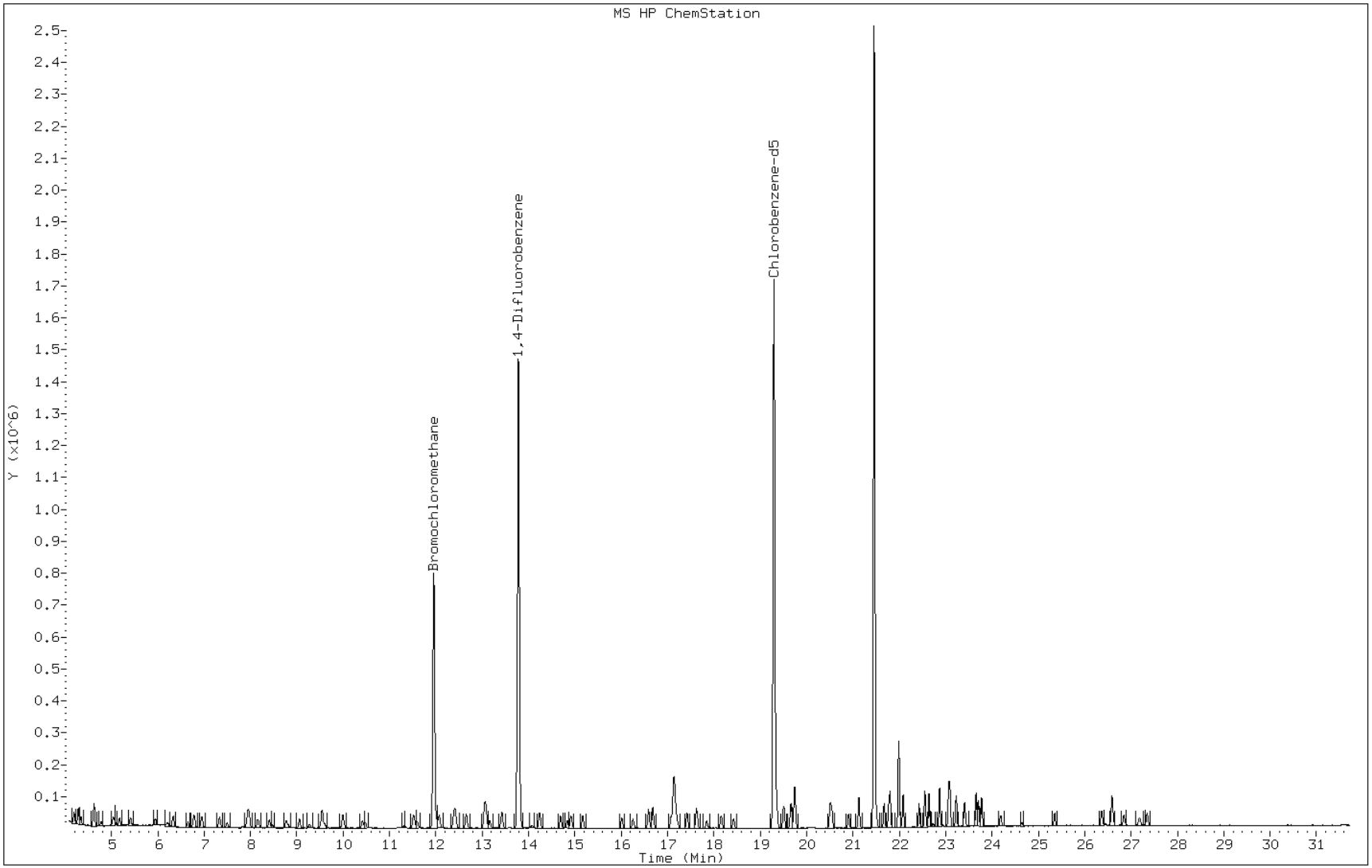
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.335	7.330	(0.613)	56229	5.00000	5.8
	16 Ethyl ether	59	7.490	7.490	(0.626)	12853	0.50000	0.56
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.949	7.944	(0.665)	35609	0.50000	0.54
	18 Acrolein	56	7.842	7.832	(0.656)	7178	0.50000	0.64(a)
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	16516	0.50000	0.53
	20 Acetone	43	8.163	8.157	(0.683)	51011	0.50000	1.3(a)
	21 Carbon disulfide	76	8.403	8.408	(0.703)	53618	0.50000	0.56
	22 Isopropanol	45	8.477	8.461	(0.709)	16300	0.50000	0.55(a)
	23 Allyl chloride	41	8.766	8.776	(0.733)	30412	0.50000	0.60(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	9374	0.50000	0.64(aQM)
	25 Methylene chloride	49	9.054	9.059	(0.757)	24361	0.50000	0.67
	26 Tert-butyl alcohol	59	9.273	9.267	(0.775)	19745	0.50000	0.46(a)
	27 Methyl tert-butyl ether	73	9.545	9.529	(0.798)	48251	0.50000	0.53
	28 1,2-Dichloroethene (trans)	61	9.545	9.550	(0.798)	27521	0.50000	0.53
	29 Acrylonitrile	53	9.604	9.609	(0.803)	12608	0.50000	0.57
	30 n-Hexane	57	9.998	9.998	(0.836)	30036	0.50000	0.53
	31 1,1-Dichloroethane	63	10.420	10.420	(0.871)	35307	0.50000	0.54
	32 Vinyl acetate	43	10.479	10.479	(0.876)	41044	0.50000	0.57(a)
M	33 1,2-Dichloroethene,Total	61				46377	1.00000	1.1
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	18856	0.50000	0.52
	35 Ethyl acetate	88	11.600	11.594	(0.970)	1250	0.50000	0.47(aQ)
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	9280	0.50000	0.60(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	298470	10.0000	
	38 Tetrahydrofuran	42	12.016	12.016	(0.872)	19002	0.50000	0.61(a)
	39 Chloroform	83	12.075	12.074	(1.010)	40924	0.50000	0.53
	40 Cyclohexane	84	12.421	12.427	(0.901)	25748	0.50000	0.50
	41 1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	43882	0.50000	0.51
	42 Carbon tetrachloride	117	12.662	12.656	(0.919)	43465	0.50000	0.48
	43 2,2,4-Trimethylpentane	57	13.072	13.078	(0.948)	90923	0.50000	0.52
	44 Benzene	78	13.051	13.051	(0.947)	66023	0.50000	0.55
	45 1,2-Dichloroethane	62	13.163	13.168	(0.955)	27461	0.50000	0.52
	46 n-Heptane	43	13.419	13.419	(0.974)	33683	0.50000	0.53
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1735314	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	14.241	14.241	(1.033)	26223	0.50000	0.47
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	21671	0.50000	0.53
	51 Methyl methacrylate	69	14.839	14.828	(1.077)	15964	0.50000	0.47(a)
	52 Dibromomethane	174	14.914	14.919	(1.082)	17284	0.50000	0.46
	53 1,4-Dioxane	88	14.903	14.903	(1.081)	5919	0.50000	0.43(a)
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	41212	0.50000	0.48
	55 1,3-Dichloropropene (cis)	75	16.008	16.013	(1.161)	30616	0.50000	0.48
	56 Methyl isobutyl ketone	43	16.259	16.253	(1.180)	31895	0.50000	0.53
	57 n-Octane	43	16.680	16.680	(1.210)	45580	0.50000	0.54
	58 Toluene	92	16.584	16.589	(0.859)	41575	0.50000	0.52
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	33140	0.50000	0.50
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	20380	0.50000	0.53
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	27939	0.50000	0.46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	28128	0.50000	0.51
63	Dibromochloromethane	129	18.153	18.158	(0.941)	32758	0.50000	0.44
64	1,2-Dibromoethane	107	18.431	18.425	(0.955)	32909	0.50000	0.48
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1544958	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	51810	0.50000	0.50
67	n-Nonane	57	19.658	19.663	(1.019)	42811	0.50000	0.55
68	Ethylbenzene	91	19.509	19.509	(1.011)	85681	0.50000	0.51
69	Xylene (m,p)	106	19.738	19.743	(1.023)	63851	1.00000	1.0
M 70	Xylenes, Total	106				94408	0.50000	1.5
71	Xylene (o)	106	20.512	20.512	(1.063)	30557	0.50000	0.50
72	Styrene	104	20.544	20.544	(1.065)	38224	0.50000	0.43
73	Bromoform	173	20.907	20.907	(1.084)	25735	0.50000	0.39
74	Isopropylbenzene	105	21.131	21.131	(1.095)	88304	0.50000	0.49
75	1,1,2,2-Tetrachloroethane	83	21.676	21.675	(1.123)	48890	0.50000	0.52
76	n-Propylbenzene	91	21.804	21.804	(1.130)	107027	0.50000	0.49
77	1,2,3-Trichloropropane	75	21.772	21.771	(1.128)	41271	0.50000	0.54
78	n-Decane	57	21.996	21.996	(1.140)	50872	0.50000	0.58
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	88549	0.50000	0.49
80	2-Chlorotoluene	91	21.985	21.990	(1.139)	84796	0.50000	0.52
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	75476	0.50000	0.49
82	Alpha Methyl Styrene	118	22.423	22.428	(1.162)	26986	0.50000	0.40
83	tert-butylbenzene	119	22.551	22.556	(1.169)	70022	0.50000	0.48
84	1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	73644	0.50000	0.49
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	108053	0.50000	0.49
86	4-Isopropyltoluene	119	23.069	23.068	(1.196)	85007	0.50000	0.46
87	1,3-Dichlorobenzene	146	23.090	23.095	(1.197)	47312	0.50000	0.48
88	1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	45368	0.50000	0.47
89	Benzyl chloride	91	23.410	23.410	(1.213)	60939	0.50000	0.43
90	Undecane	57	23.709	23.709	(1.229)	36148	0.50000	0.47(a)
91	n-Butylbenzene	91	23.656	23.655	(1.226)	78595	0.50000	0.48
92	1,2-Dichlorobenzene	146	23.773	23.778	(1.232)	44218	0.50000	0.47
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	26.361	26.367	(1.366)	21473	0.50000	0.40(a)
95	1,3-Hexachlorobutadiene	225	26.591	26.596	(1.378)	26782	0.50000	0.46
96	Naphthalene	128	26.847	26.847	(1.391)	44666	0.50000	0.41(a)
97	1,2,3-Trichlorobenzene	180	27.343	27.349	(1.417)	19346	0.50000	0.44

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:	cli005.d	Date:	09-MAR-2013 17:13
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463766		
Lab Sample ID:	ic 463766		



Manual Integration Report

Data File: cli005.d
Lab Sample ID: ic 463766
Inj. Date and Time: 09-MAR-2013 17:13
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

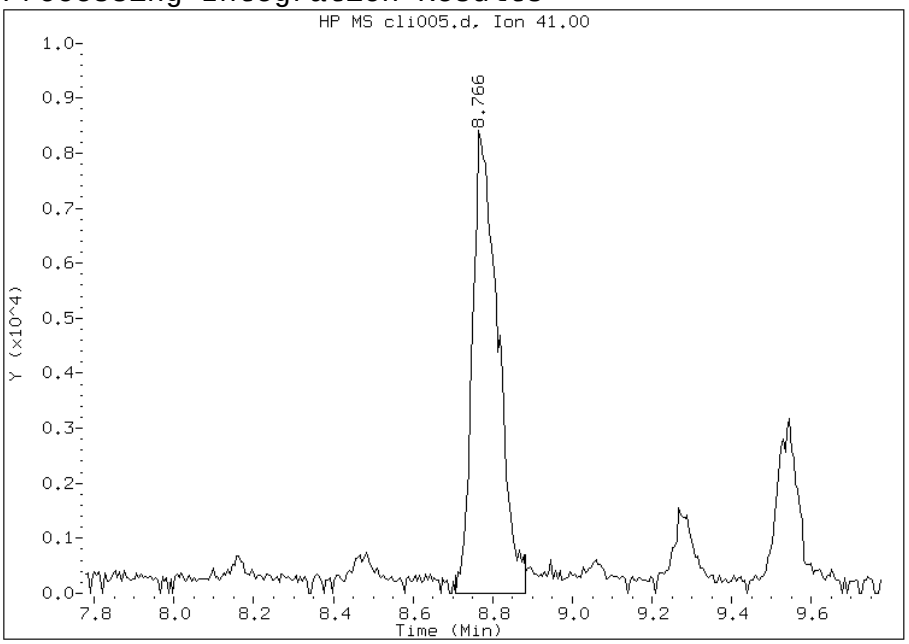
Processing Integration Results

RT: 8.77

Response: 37314

Amount: 0.590212

Conc: 0.590212



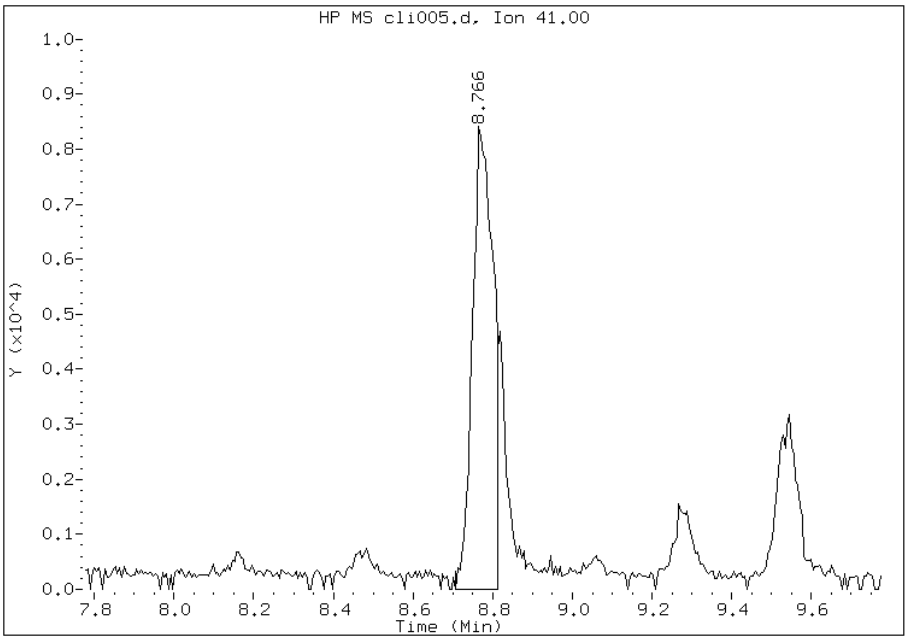
Manual Integration Results

RT: 8.77

Response: 30412

Amount: 0.603994

Conc: 0.603994



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli006.d
Lab Smp Id: ic 464710
Inj Date : 09-MAR-2013 18:06
Operator : pad Inst ID: C.i
Smp Info : ic 464710
Misc Info : 200,1, level 3
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 18:06 Cal File: cli006.d
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.197	4.197	(0.351)	160211	5.00000	5.2
2 Dichlorodifluoromethane	85	4.288	4.288	(0.359)	593324	5.00000	5.3
3 Chlorodifluoromethane	51	4.347	4.341	(0.364)	327595	5.00000	5.4
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	580325	5.00000	5.1
5 Chloromethane	50	4.784	4.779	(0.400)	179906	5.00000	5.3
6 Butane	43	5.046	5.046	(0.422)	307800	5.00000	5.5
7 Vinyl chloride	62	5.083	5.083	(0.425)	201150	5.00000	4.9
8 1,3-Butadiene	54	5.179	5.179	(0.433)	148801	5.00000	5.1
9 Bromomethane	94	5.948	5.948	(0.497)	169081	5.00000	5.0
10 Chloroethane	64	6.214	6.214	(0.520)	97401	5.00000	5.4
11 2-Methylbutane	43	6.332	6.332	(0.530)	221715	5.00000	5.1
12 Vinyl bromide	106	6.652	6.652	(0.556)	171111	5.00000	5.0
13 Trichlorofluoromethane	101	6.786	6.785	(0.567)	560274	5.00000	5.0
14 Pentane	43	6.951	6.951	(0.581)	356212	5.00000	5.3

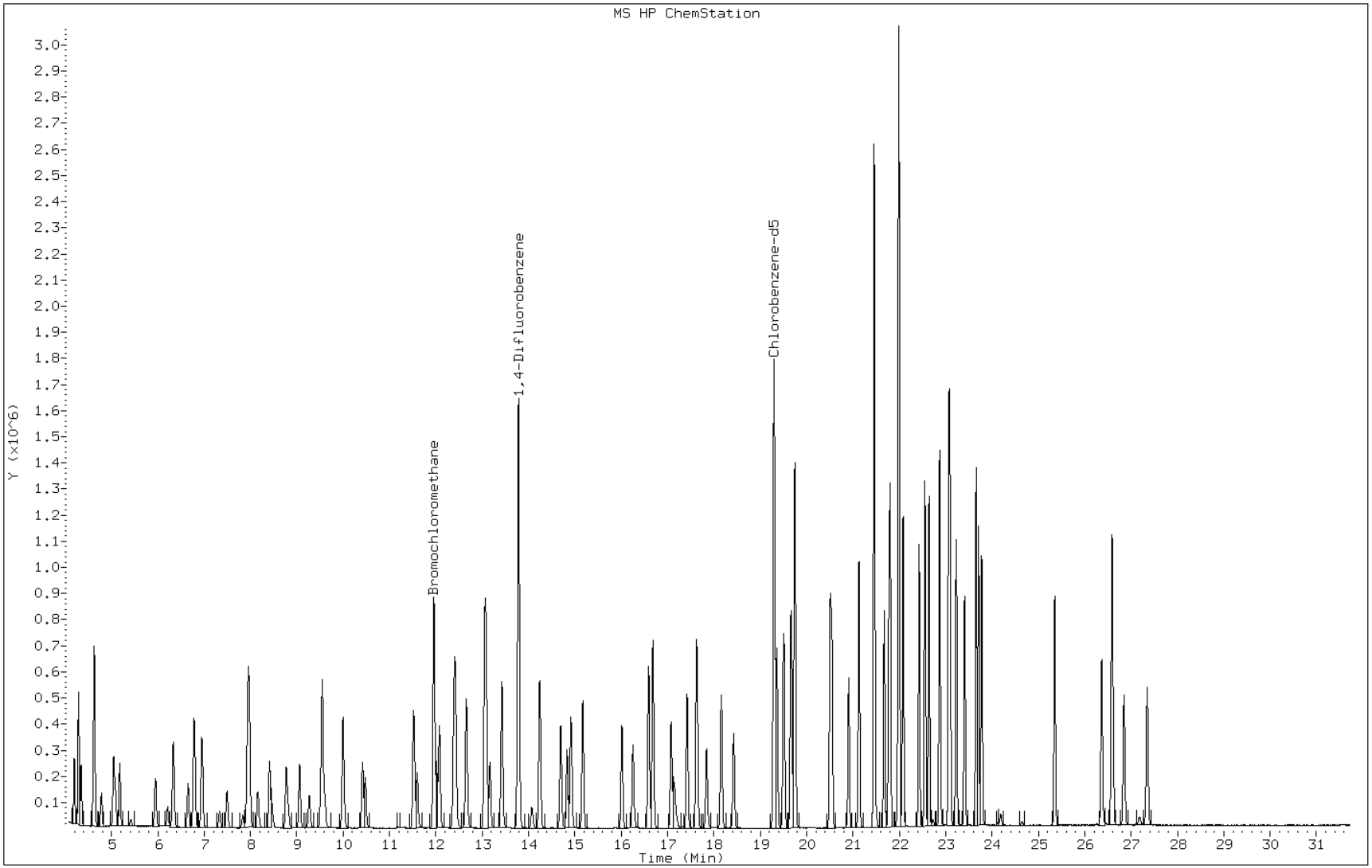
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	104228	10.0000	9.7
	16 Ethyl ether	59	7.490	7.490	(0.626)	125977	5.00000	5.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	367324	5.00000	5.1
	18 Acrolein	56	7.837	7.832	(0.655)	61759	5.00000	5.0
	19 1,1-Dichloroethene	96	7.976	7.976	(0.667)	175966	5.00000	5.1
	20 Acetone	43	8.157	8.157	(0.682)	257170	5.00000	5.7
	21 Carbon disulfide	76	8.413	8.408	(0.704)	551853	5.00000	5.2
	22 Isopropanol	45	8.467	8.461	(0.708)	168885	5.00000	5.1
	23 Allyl chloride	41	8.771	8.776	(0.734)	278693	5.00000	5.0(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	90937	5.00000	5.6(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	208264	5.00000	5.2
	26 Tert-butyl alcohol	59	9.273	9.267	(0.775)	237416	5.00000	5.0
	27 Methyl tert-butyl ether	73	9.534	9.529	(0.797)	496477	5.00000	4.9
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	296518	5.00000	5.2
	29 Acrylonitrile	53	9.603	9.609	(0.803)	125904	5.00000	5.1
	30 n-Hexane	57	9.998	9.998	(0.836)	322191	5.00000	5.2
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	369803	5.00000	5.1
	32 Vinyl acetate	43	10.479	10.479	(0.876)	415539	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				494997	10.0000	10
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	198479	5.00000	5.0
	35 Ethyl acetate	88	11.599	11.594	(0.970)	14723	5.00000	5.0
	36 Methyl Ethyl Ketone	72	11.535	11.530	(0.965)	86274	5.00000	5.1(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	329884	10.0000	
	38 Tetrahydrofuran	42	12.016	12.016	(0.872)	186285	5.00000	5.4
	39 Chloroform	83	12.074	12.074	(1.010)	434323	5.00000	5.1
	40 Cyclohexane	84	12.421	12.427	(0.901)	286673	5.00000	5.0
	41 1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	476607	5.00000	5.0
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	484642	5.00000	4.8
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	1019895	5.00000	5.3
	44 Benzene	78	13.051	13.051	(0.947)	637250	5.00000	4.8
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	299721	5.00000	5.1
	46 n-Heptane	43	13.419	13.419	(0.974)	366177	5.00000	5.2
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1930840	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	73158	5.00000	4.8(a)
	49 Trichloroethene	95	14.241	14.241	(1.033)	299858	5.00000	4.9
	50 1,2-Dichloropropane	63	14.700	14.689	(1.067)	233644	5.00000	5.1
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	188139	5.00000	5.0
	52 Dibromomethane	174	14.919	14.919	(1.082)	195932	5.00000	4.7
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	73934	5.00000	4.9(a)
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	488462	5.00000	5.1
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	359388	5.00000	5.1
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	351809	5.00000	5.3
	57 n-Octane	43	16.680	16.680	(1.210)	501700	5.00000	5.3
	58 Toluene	92	16.589	16.589	(0.860)	438113	5.00000	5.2
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	371201	5.00000	5.0
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	218433	5.00000	5.4
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	318144	5.00000	5.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	332462	5.00000	5.7
63	Dibromochloromethane	129	18.158	18.158	(0.941)	419560	5.00000	5.3
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	393643	5.00000	5.4
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1626004	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	565417	5.00000	5.2
67	n-Nonane	57	19.663	19.663	(1.019)	465009	5.00000	5.7
68	Ethylbenzene	91	19.503	19.509	(1.011)	916724	5.00000	5.2
69	Xylene (m,p)	106	19.744	19.743	(1.023)	679390	10.0000	10
M 70	Xylenes, Total	106				1015341	5.00000	16
71	Xylene (o)	106	20.512	20.512	(1.063)	335951	5.00000	5.3
72	Styrene	104	20.544	20.544	(1.065)	500163	5.00000	5.4
73	Bromoform	173	20.907	20.907	(1.084)	349756	5.00000	5.0
74	Isopropylbenzene	105	21.131	21.131	(1.095)	984146	5.00000	5.2
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	547262	5.00000	5.5
76	n-Propylbenzene	91	21.804	21.804	(1.130)	1278031	5.00000	5.5
77	1,2,3-Trichloropropane	75	21.772	21.771	(1.128)	449480	5.00000	5.6
78	n-Decane	57	21.996	21.996	(1.140)	573623	5.00000	6.2
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	1043152	5.00000	5.5
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	959758	5.00000	5.6
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	884433	5.00000	5.4
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	404558	5.00000	5.7
83	tert-butylbenzene	119	22.556	22.556	(1.169)	811383	5.00000	5.3
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	883270	5.00000	5.6
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	1259164	5.00000	5.5
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	1035047	5.00000	5.4
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	537484	5.00000	5.1
88	1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	525331	5.00000	5.2
89	Benzyl chloride	91	23.410	23.410	(1.213)	821010	5.00000	5.5
90	Undecane	57	23.709	23.709	(1.229)	519219	5.00000	6.5
91	n-Butylbenzene	91	23.655	23.655	(1.226)	1020785	5.00000	6.0
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	516221	5.00000	5.3
93	Dodecane	57	25.353	25.353	(1.314)	461629	5.00000	8.1
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	296578	5.00000	5.2
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	327332	5.00000	5.3
96	Naphthalene	128	26.847	26.847	(1.391)	673188	5.00000	5.9
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	269219	5.00000	5.9

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:	cli006.d	Date:	09-MAR-2013 18:06
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 464710		
Lab Sample ID:	ic 464710		



Manual Integration Report

Data File: cli006.d
Lab Sample ID: ic 464710
Inj. Date and Time: 09-MAR-2013 18:06
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

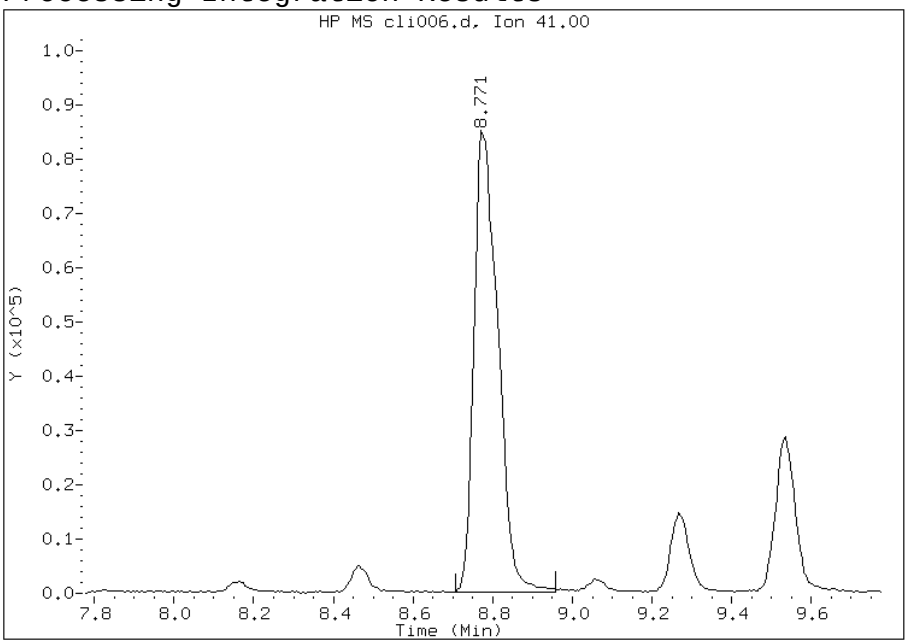
Processing Integration Results

RT: 8.77

Response: 354334

Amount: 5.07

Conc: 5.07



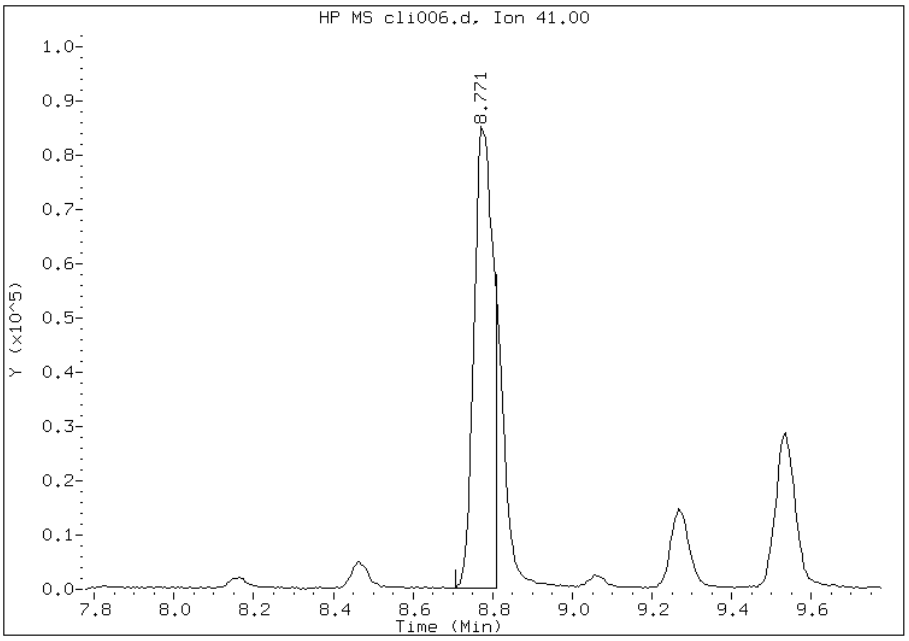
Manual Integration Results

RT: 8.77

Response: 278693

Amount: 5.01

Conc: 5.01



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli006.d
Lab Sample ID: ic 464710
Inj. Date and Time: 09-MAR-2013 18:06
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

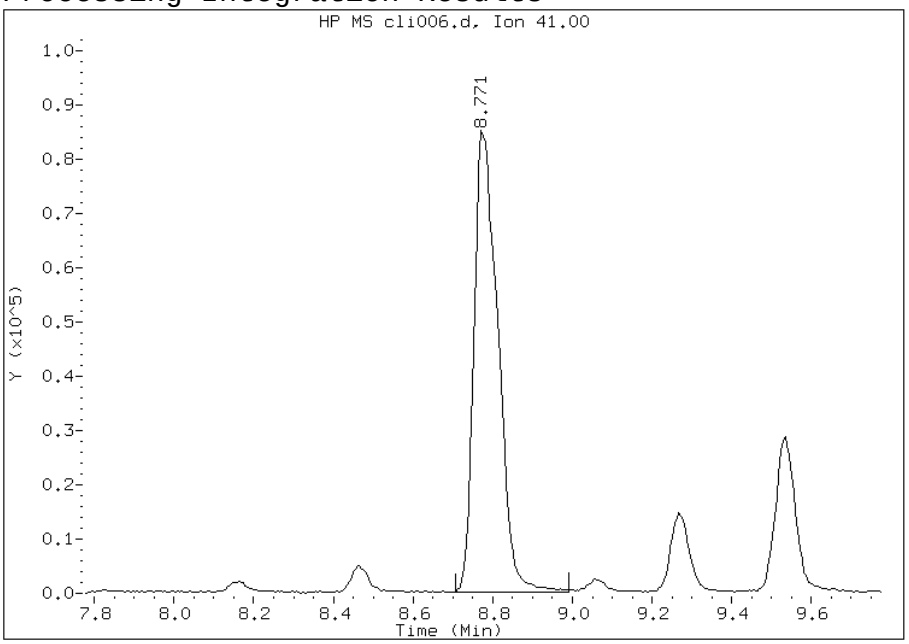
Processing Integration Results

RT: 8.77

Response: 355221

Amount: 5.54

Conc: 5.54



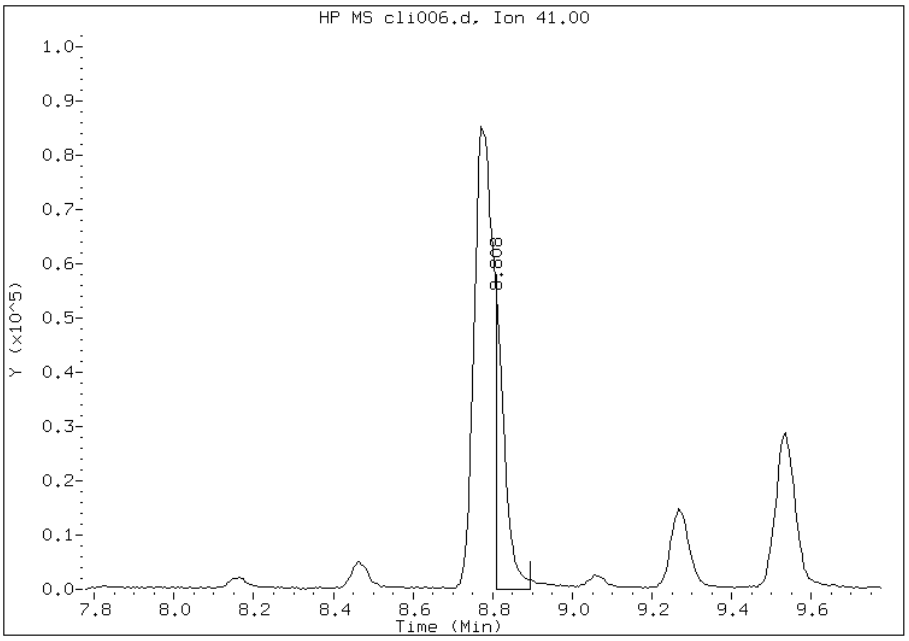
Manual Integration Results

RT: 8.81

Response: 90937

Amount: 5.60

Conc: 5.60



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli007.d
Lab Smp Id: icis 464708
Inj Date : 09-MAR-2013 18:58
Operator : pad Inst ID: C.i
Smp Info : icis 464708
Misc Info : 200,1, level 4
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 18:58 Cal File: cli007.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.197	4.197	(0.351)	331317	10.0000	9.7
2 Dichlorodifluoromethane	85	4.288	4.288	(0.359)	1248987	10.0000	10
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	685171	10.0000	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	1207417	10.0000	9.7
5 Chloromethane	50	4.779	4.779	(0.400)	372116	10.0000	9.9
6 Butane	43	5.046	5.046	(0.422)	631136	10.0000	10
7 Vinyl chloride	62	5.083	5.083	(0.425)	417557	10.0000	9.3
8 1,3-Butadiene	54	5.179	5.179	(0.433)	312169	10.0000	9.7
9 Bromomethane	94	5.948	5.948	(0.497)	353648	10.0000	9.5
10 Chloroethane	64	6.214	6.214	(0.520)	205803	10.0000	10
11 2-Methylbutane	43	6.332	6.332	(0.530)	489444	10.0000	10
12 Vinyl bromide	106	6.652	6.652	(0.556)	377974	10.0000	10
13 Trichlorofluoromethane	101	6.785	6.785	(0.567)	1206755	10.0000	9.9
14 Pentane	43	6.951	6.951	(0.581)	758996	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	198086	15.0000	17
	16 Ethyl ether	59	7.490	7.490	(0.626)	278929	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	791581	10.0000	9.9
	18 Acrolein	56	7.832	7.832	(0.655)	143847	10.0000	11
	19 1,1-Dichloroethene	96	7.976	7.976	(0.667)	377388	10.0000	9.9
	20 Acetone	43	8.157	8.157	(0.682)	538103	10.0000	11
	21 Carbon disulfide	76	8.408	8.408	(0.703)	1199228	10.0000	10
	22 Isopropanol	45	8.461	8.461	(0.708)	430705	10.0000	12
	23 Allyl chloride	41	8.776	8.776	(0.734)	577090	10.0000	9.4(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	177536	10.0000	9.9(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	446557	10.0000	10
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	624428	10.0000	12
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1110840	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	645171	10.0000	10
	29 Acrylonitrile	53	9.609	9.609	(0.804)	278052	10.0000	10
	30 n-Hexane	57	9.998	9.998	(0.836)	697439	10.0000	10
	31 1,1-Dichloroethane	63	10.420	10.420	(0.871)	801048	10.0000	10
	32 Vinyl acetate	43	10.479	10.479	(0.876)	943554	10.0000	11
M	33 1,2-Dichloroethene,Total	61				1082902	20.0000	20
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	437731	10.0000	10
	35 Ethyl acetate	88	11.594	11.594	(0.970)	34009	10.0000	11
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	193808	10.0000	10
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	363637	10.0000	
	38 Tetrahydrofuran	42	12.016	12.016	(0.872)	415064	10.0000	11
	39 Chloroform	83	12.074	12.074	(1.010)	954417	10.0000	10
	40 Cyclohexane	84	12.427	12.427	(0.902)	634270	10.0000	10
	41 1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	1061745	10.0000	10
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1088377	10.0000	9.7
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	2225035	10.0000	10
	44 Benzene	78	13.051	13.051	(0.947)	1383679	10.0000	9.3
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	654050	10.0000	10
	46 n-Heptane	43	13.419	13.419	(0.974)	800575	10.0000	10
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2136717	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	199633	10.0000	12
	49 Trichloroethene	95	14.241	14.241	(1.033)	649486	10.0000	9.6
	50 1,2-Dichloropropane	63	14.689	14.689	(1.066)	511421	10.0000	10
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	442870	10.0000	11
	52 Dibromomethane	174	14.919	14.919	(1.082)	444171	10.0000	9.6
	53 1,4-Dioxane	88	14.903	14.903	(1.081)	193229	10.0000	11
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1088377	10.0000	10
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	808414	10.0000	10
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	806126	10.0000	11
	57 n-Octane	43	16.680	16.680	(1.210)	1081624	10.0000	10
	58 Toluene	92	16.589	16.589	(0.860)	959767	10.0000	9.5
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	828108	10.0000	10
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	483772	10.0000	9.9
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	730416	10.0000	9.6

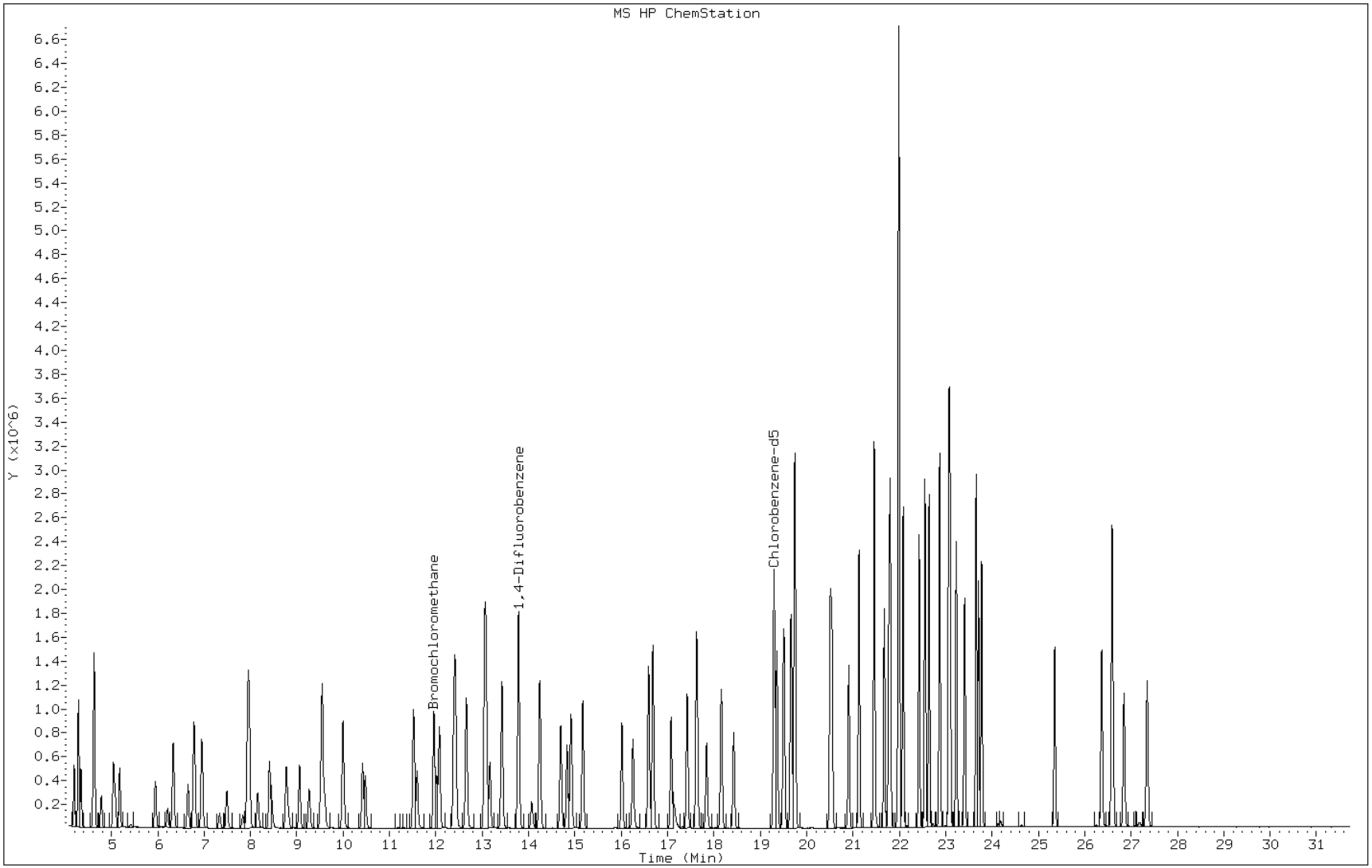
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	759978	10.0000	11
63	Dibromochloromethane	129	18.158	18.158	(0.941)	967675	10.0000	10
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	876437	10.0000	10
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1956844	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	1260234	10.0000	9.6
67	n-Nonane	57	19.663	19.663	(1.019)	1013406	10.0000	10
68	Ethylbenzene	91	19.509	19.509	(1.011)	2062984	10.0000	9.8
69	Xylene (m,p)	106	19.743	19.743	(1.023)	1538052	20.0000	19
M 70	Xylenes, Total	106				2290892	10.0000	29
71	Xylene (o)	106	20.512	20.512	(1.063)	752840	10.0000	9.8
72	Styrene	104	20.544	20.544	(1.065)	1157855	10.0000	10
73	Bromoform	173	20.907	20.907	(1.084)	848831	10.0000	10
74	Isopropylbenzene	105	21.131	21.131	(1.095)	2241975	10.0000	9.8
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1212420	10.0000	10
76	n-Propylbenzene	91	21.804	21.804	(1.130)	2864185	10.0000	10
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	979645	10.0000	10
78	n-Decane	57	21.996	21.996	(1.140)	1222717	10.0000	11
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	2374857	10.0000	10
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	2092137	10.0000	10
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	1973771	10.0000	10
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	928608	10.0000	11
83	tert-butylbenzene	119	22.556	22.556	(1.169)	1803702	10.0000	9.7
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	1944480	10.0000	10
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	2756394	10.0000	9.9
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	2338493	10.0000	10
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1200502	10.0000	9.5
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	1174260	10.0000	9.6
89	Benzyl chloride	91	23.410	23.410	(1.213)	1820411	10.0000	10
90	Undecane	57	23.709	23.709	(1.229)	946768	10.0000	9.8
91	n-Butylbenzene	91	23.655	23.655	(1.226)	2223418	10.0000	11
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	1139140	10.0000	9.7
93	Dodecane	57	25.353	25.353	(1.314)	791600	10.0000	12
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	714106	10.0000	10
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	762566	10.0000	10
96	Naphthalene	128	26.847	26.847	(1.391)	1527507	10.0000	11
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	639525	10.0000	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: cli007.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 464708
Lab Sample ID: icis 464708

Date: 09-MAR-2013 18:58
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: cli007.d
Lab Sample ID: icis 464708
Inj. Date and Time: 09-MAR-2013 18:58
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

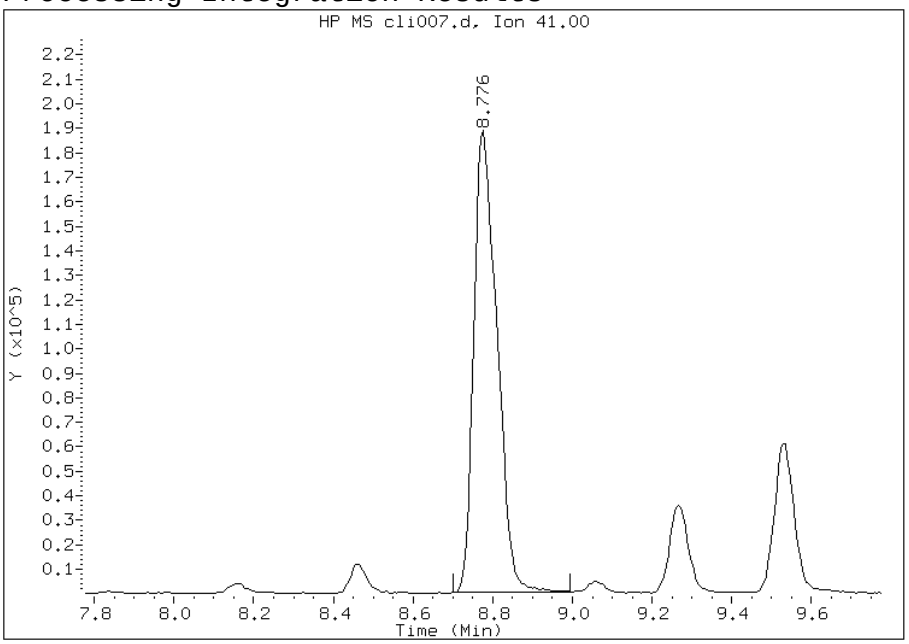
Processing Integration Results

RT: 8.78

Response: 761058

Amount: 9.88

Conc: 9.88



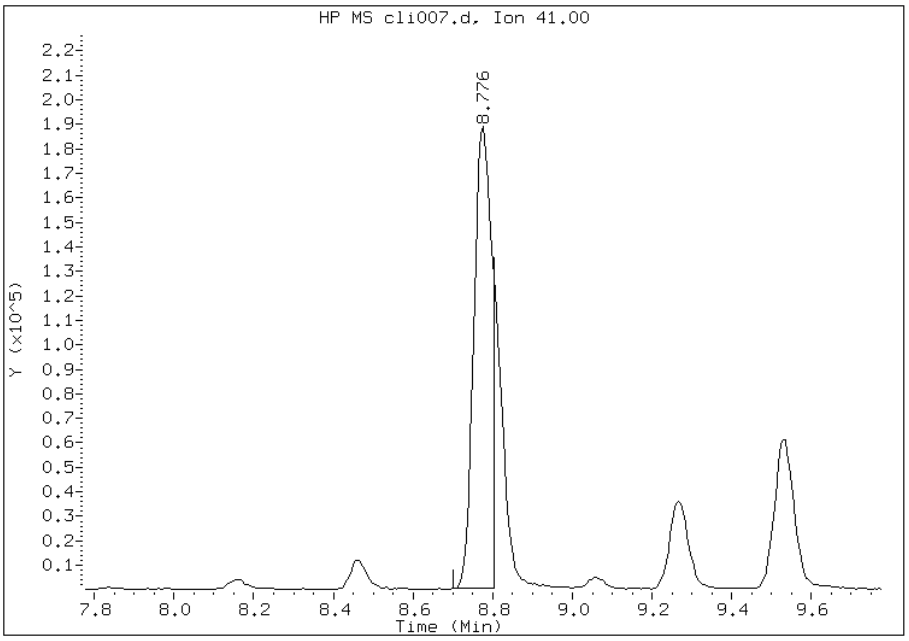
Manual Integration Results

RT: 8.78

Response: 577090

Amount: 9.41

Conc: 9.41



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli007.d
Lab Sample ID: icis 464708
Inj. Date and Time: 09-MAR-2013 18:58
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

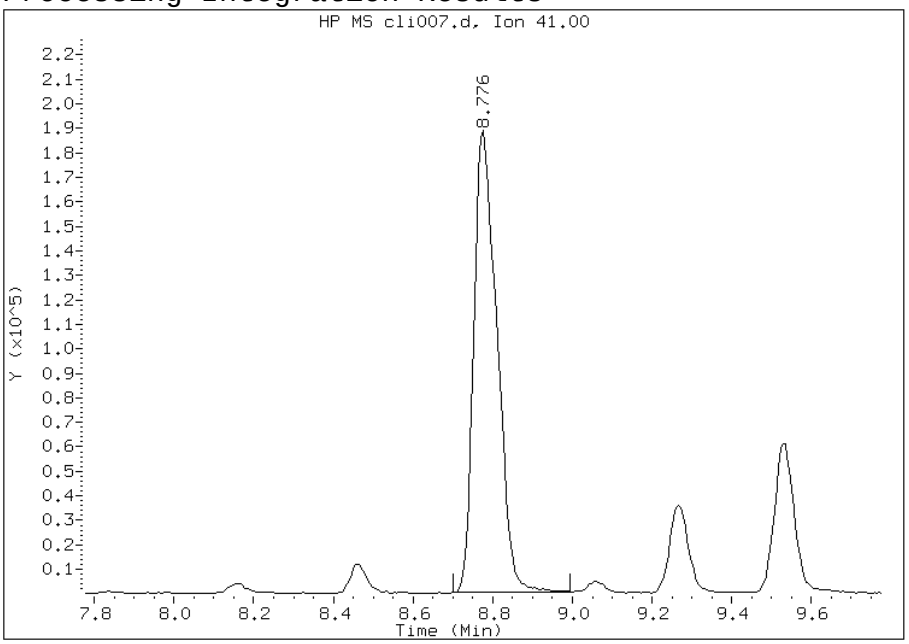
Processing Integration Results

RT: 8.78

Response: 761058

Amount: 10.78

Conc: 10.78



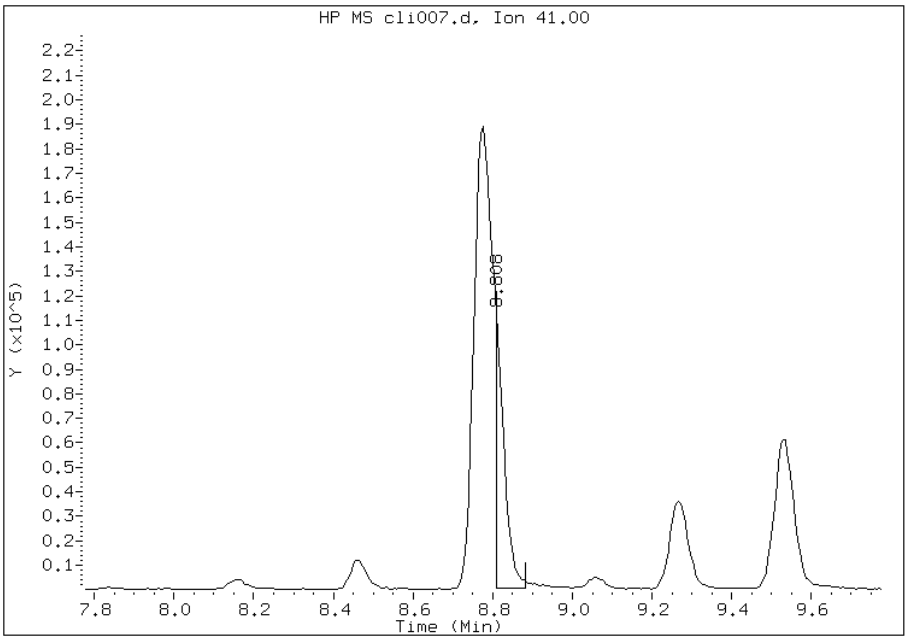
Manual Integration Results

RT: 8.81

Response: 177536

Amount: 9.92

Conc: 9.92



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli008.d
Lab Smp Id: ic 463738
Inj Date : 09-MAR-2013 19:51
Operator : pad Inst ID: C.i
Smp Info : ic 463738
Misc Info : 200,1, level 5
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 19:51 Cal File: cli008.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.192	4.197	(0.351)	487281	15.0000	14
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	1884517	15.0000	15
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	1014974	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	1830303	15.0000	14
5 Chloromethane	50	4.779	4.779	(0.400)	550232	15.0000	14
6 Butane	43	5.040	5.046	(0.422)	948426	15.0000	15
7 Vinyl chloride	62	5.078	5.083	(0.425)	634401	15.0000	14
8 1,3-Butadiene	54	5.174	5.179	(0.433)	464906	15.0000	14
9 Bromomethane	94	5.948	5.948	(0.497)	535246	15.0000	14
10 Chloroethane	64	6.209	6.214	(0.519)	301566	15.0000	15
11 2-Methylbutane	43	6.332	6.332	(0.530)	720349	15.0000	15
12 Vinyl bromide	106	6.647	6.652	(0.556)	562139	15.0000	15
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	1832411	15.0000	15
14 Pentane	43	6.946	6.951	(0.581)	1123807	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	249278	20.0000	21
	16 Ethyl ether	59	7.485	7.490	(0.626)	417446	15.0000	15
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	1189767	15.0000	15
	18 Acrolein	56	7.826	7.832	(0.655)	223852	15.0000	16
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	570574	15.0000	15
	20 Acetone	43	8.152	8.157	(0.682)	814561	15.0000	16
	21 Carbon disulfide	76	8.408	8.408	(0.703)	1805595	15.0000	15
	22 Isopropanol	45	8.461	8.461	(0.708)	569850	15.0000	15
	23 Allyl chloride	41	8.771	8.776	(0.734)	879953	15.0000	14(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	238033	15.0000	13(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	651260	15.0000	14
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	800484	15.0000	15
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1688105	15.0000	15
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	960274	15.0000	15
	29 Acrylonitrile	53	9.603	9.609	(0.803)	427755	15.0000	16
	30 n-Hexane	57	9.993	9.998	(0.836)	1039818	15.0000	15
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	1185863	15.0000	15
	32 Vinyl acetate	43	10.479	10.479	(0.876)	1442073	15.0000	16
M	33 1,2-Dichloroethene,Total	61				1624008	30.0000	30
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	663734	15.0000	15
	35 Ethyl acetate	88	11.599	11.594	(0.970)	51499	15.0000	16
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	294248	15.0000	15
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	369921	10.0000	
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	618108	15.0000	16
	39 Chloroform	83	12.074	12.074	(1.010)	1433226	15.0000	15
	40 Cyclohexane	84	12.421	12.427	(0.901)	972543	15.0000	15
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	1613903	15.0000	15
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1687331	15.0000	15
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	3344921	15.0000	15
	44 Benzene	78	13.051	13.051	(0.947)	2073964	15.0000	14
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	981060	15.0000	15
	46 n-Heptane	43	13.419	13.419	(0.974)	1189083	15.0000	15
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2171475	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	254775	15.0000	15
	49 Trichloroethene	95	14.241	14.241	(1.033)	994688	15.0000	14
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	781008	15.0000	15
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	686578	15.0000	16
	52 Dibromomethane	174	14.919	14.919	(1.082)	711277	15.0000	15
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	268341	15.0000	16
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1664502	15.0000	16
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	1258598	15.0000	16
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	1197258	15.0000	16
	57 n-Octane	43	16.680	16.680	(1.210)	1622708	15.0000	15
	58 Toluene	92	16.589	16.589	(0.860)	1507371	15.0000	15
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	1308978	15.0000	16
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	756070	15.0000	15
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	1182544	15.0000	15

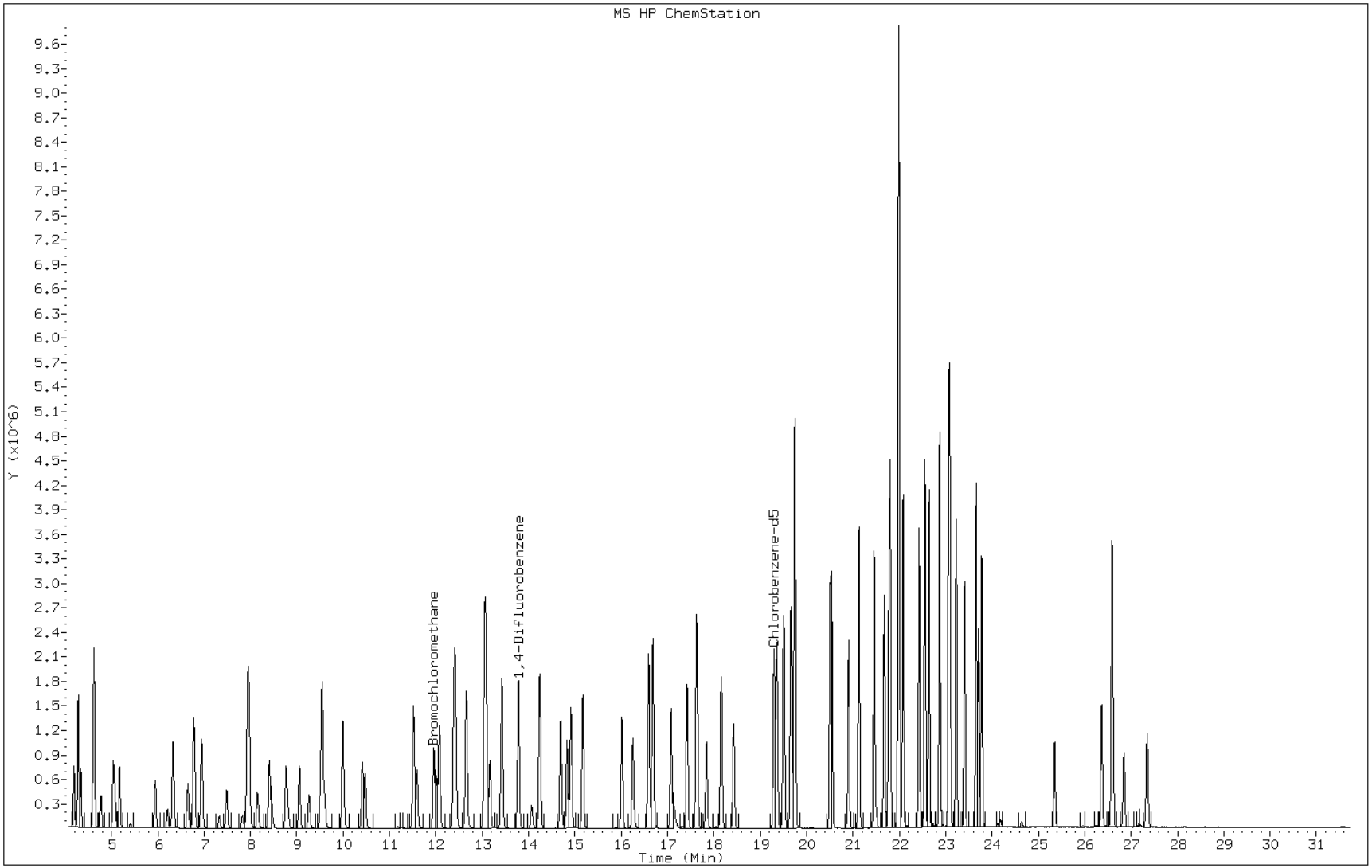
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	1112574	15.0000	16
63	Dibromochloromethane	129	18.158	18.158	(0.941)	1556127	15.0000	16
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	1396118	15.0000	15
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	2015345	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	2006801	15.0000	15
67	n-Nonane	57	19.663	19.663	(1.019)	1535759	15.0000	15
68	Ethylbenzene	91	19.503	19.509	(1.011)	3235525	15.0000	15
69	Xylene (m,p)	106	19.743	19.743	(1.023)	2487539	30.0000	30
M 70	Xylenes, Total	106				3676799	15.0000	45
71	Xylene (o)	106	20.512	20.512	(1.063)	1189260	15.0000	15
72	Styrene	104	20.544	20.544	(1.065)	1826124	15.0000	16
73	Bromoform	173	20.907	20.907	(1.084)	1445853	15.0000	17
74	Isopropylbenzene	105	21.131	21.131	(1.095)	3568568	15.0000	15
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1875029	15.0000	15
76	n-Propylbenzene	91	21.803	21.804	(1.130)	4466777	15.0000	16
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	1512867	15.0000	15
78	n-Decane	57	21.996	21.996	(1.140)	1689080	15.0000	15
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	3715691	15.0000	16
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	3226988	15.0000	15
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	3048408	15.0000	15
82	Alpha Methyl Styrene	118	22.423	22.428	(1.162)	1389063	15.0000	16
83	tert-butylbenzene	119	22.556	22.556	(1.169)	2877394	15.0000	15
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	2910542	15.0000	15
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	4283815	15.0000	15
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	3672318	15.0000	15
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1929469	15.0000	15
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	1847109	15.0000	15
89	Benzyl chloride	91	23.410	23.410	(1.213)	2869280	15.0000	16
90	Undecane	57	23.709	23.709	(1.229)	1107196	15.0000	11
91	n-Butylbenzene	91	23.655	23.655	(1.226)	3163412	15.0000	15
92	1,2-Dichlorobenzene	146	23.773	23.778	(1.232)	1737000	15.0000	14
93	Dodecane	57	25.353	25.353	(1.314)	544568	15.0000	7.7
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	736341	15.0000	10
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	1084197	15.0000	14
96	Naphthalene	128	26.847	26.847	(1.391)	1268372	15.0000	8.9
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	618561	15.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: cli008.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 463738
Lab Sample ID: ic 463738

Date: 09-MAR-2013 19:51
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: cli008.d
Lab Sample ID: ic 463738
Inj. Date and Time: 09-MAR-2013 19:51
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

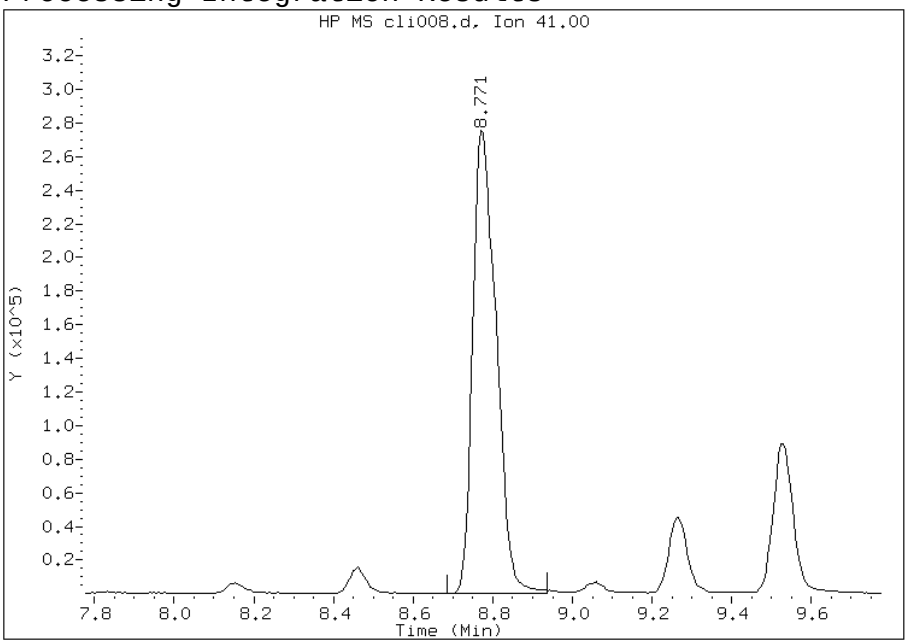
Processing Integration Results

RT: 8.77

Response: 1123371

Amount: 14.34

Conc: 14.34



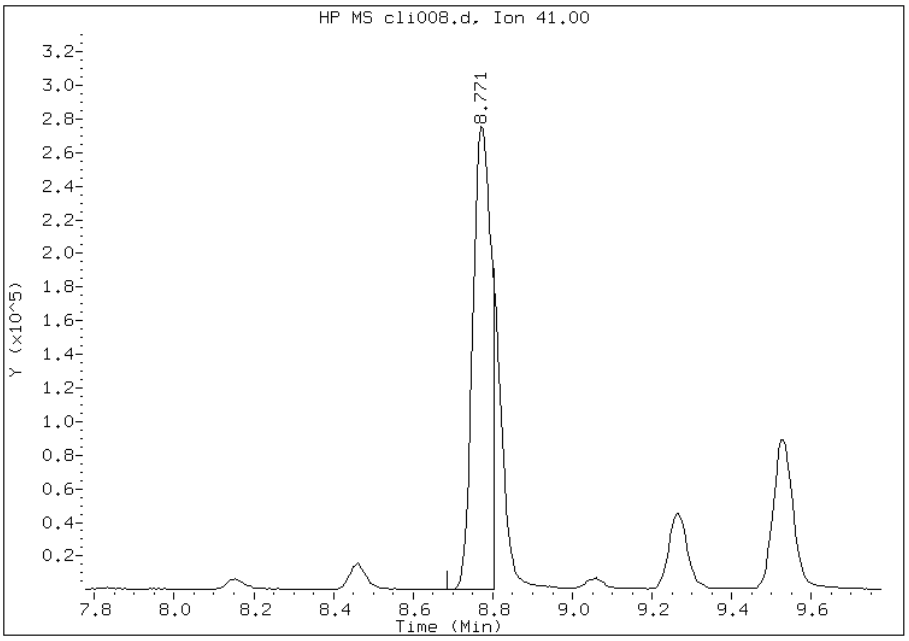
Manual Integration Results

RT: 8.77

Response: 879953

Amount: 14.10

Conc: 14.10



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli008.d
Lab Sample ID: ic 463738
Inj. Date and Time: 09-MAR-2013 19:51
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

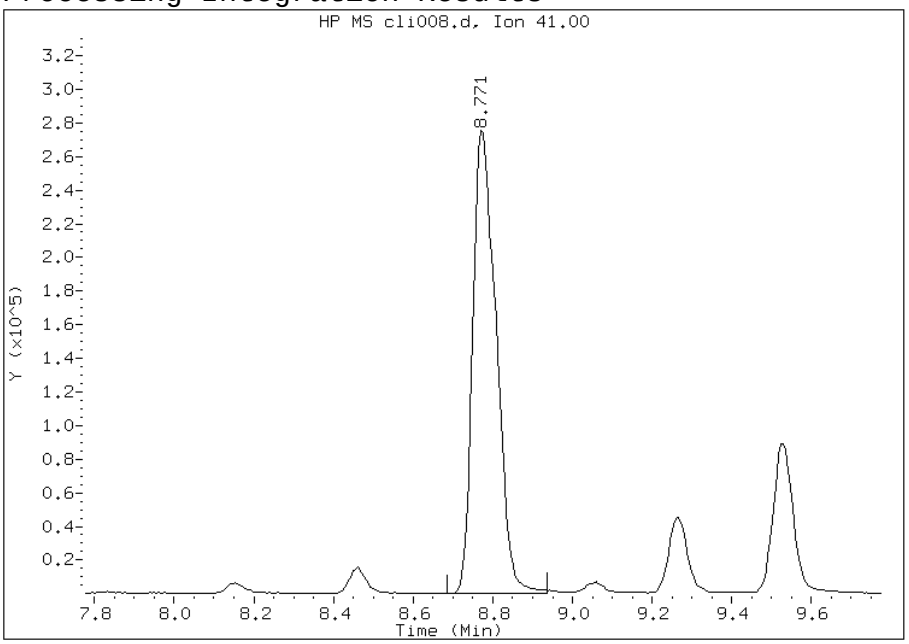
Processing Integration Results

RT: 8.77

Response: 1123371

Amount: 15.64

Conc: 15.64



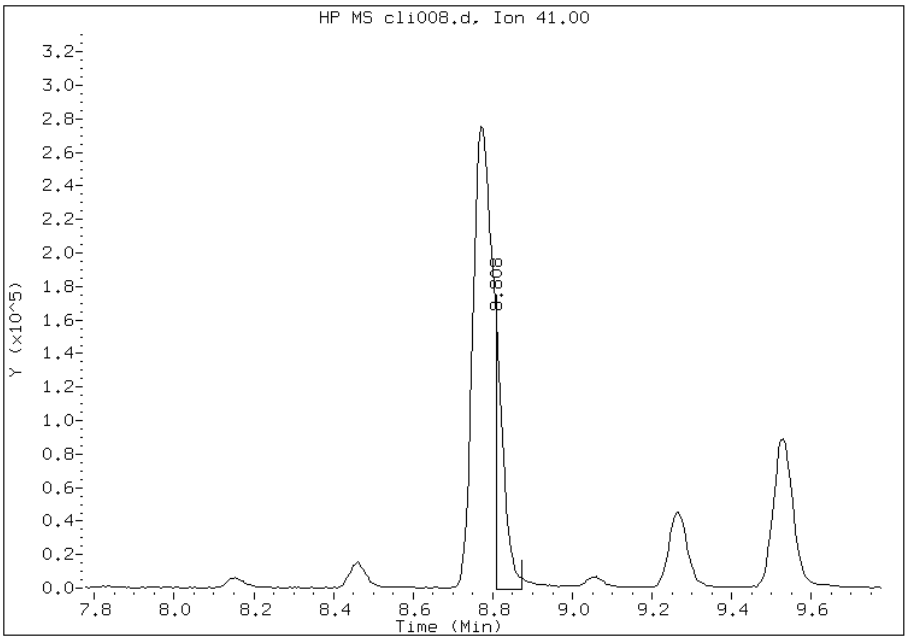
Manual Integration Results

RT: 8.81

Response: 238033

Amount: 13.08

Conc: 13.08



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli009.d
Lab Smp Id: ic 463737
Inj Date : 09-MAR-2013 20:44
Operator : pad Inst ID: C.i
Smp Info : ic 463737
Misc Info : 200,1, level 6
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 20:44 Cal File: cli009.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.197	4.197	(0.351)	658213	20.0000	17
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	2638063	20.0000	18
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	1409348	20.0000	18
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	2587539	20.0000	18
5 Chloromethane	50	4.779	4.779	(0.400)	759946	20.0000	17
6 Butane	43	5.040	5.046	(0.422)	1251114	20.0000	17
7 Vinyl chloride	62	5.078	5.083	(0.425)	861503	20.0000	16
8 1,3-Butadiene	54	5.174	5.179	(0.433)	636010	20.0000	17
9 Bromomethane	94	5.947	5.948	(0.497)	752513	20.0000	17
10 Chloroethane	64	6.214	6.214	(0.520)	420235	20.0000	18
11 2-Methylbutane	43	6.326	6.332	(0.529)	989190	20.0000	18
12 Vinyl bromide	106	6.647	6.652	(0.556)	797695	20.0000	18
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	2567633	20.0000	18
14 Pentane	43	6.951	6.951	(0.581)	1514901	20.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	516285	40.0000	37
	16 Ethyl ether	59	7.490	7.490	(0.626)	577480	20.0000	18
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.943	7.944	(0.664)	1691139	20.0000	18
	18 Acrolein	56	7.826	7.832	(0.655)	304275	20.0000	19
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	819379	20.0000	18
	20 Acetone	43	8.152	8.157	(0.682)	1037511	20.0000	18
	21 Carbon disulfide	76	8.408	8.408	(0.703)	2542597	20.0000	19
	22 Isopropanol	45	8.461	8.461	(0.708)	792045	20.0000	19
	23 Allyl chloride	41	8.771	8.776	(0.734)	1264304	20.0000	18(M)
	24 Acetonitrile	41	8.803	8.776	(0.736)	422172	20.0000	20(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	894689	20.0000	17
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	1154530	20.0000	19
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	2385748	20.0000	18
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	1318819	20.0000	18
	29 Acrylonitrile	53	9.603	9.609	(0.803)	588174	20.0000	19
	30 n-Hexane	57	9.998	9.998	(0.836)	1437599	20.0000	18
	31 1,1-Dichloroethane	63	10.414	10.420	(0.871)	1666908	20.0000	18
	32 Vinyl acetate	43	10.479	10.479	(0.876)	1960445	20.0000	19
M	33 1,2-Dichloroethene,Total	61				2272473	40.0000	37
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	953654	20.0000	19
	35 Ethyl acetate	88	11.599	11.594	(0.970)	74405	20.0000	20
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	401662	20.0000	18(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	424260	10.0000	
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	829734	20.0000	19
	39 Chloroform	83	12.074	12.074	(1.010)	2048963	20.0000	19
	40 Cyclohexane	84	12.421	12.427	(0.901)	1388537	20.0000	19
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	2311812	20.0000	19
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	2448768	20.0000	19
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	4564079	20.0000	18
	44 Benzene	78	13.051	13.051	(0.947)	2946227	20.0000	17
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	1375097	20.0000	18
	46 n-Heptane	43	13.424	13.419	(0.974)	1598806	20.0000	18
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2471160	10.0000	
	48 n-Butanol	56	14.065	14.070	(1.021)	367745	20.0000	19
	49 Trichloroethene	95	14.241	14.241	(1.033)	1445354	20.0000	18
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	1093527	20.0000	19
	51 Methyl methacrylate	69	14.833	14.828	(1.076)	951000	20.0000	20
	52 Dibromomethane	174	14.919	14.919	(1.082)	1113792	20.0000	21
	53 1,4-Dioxane	88	14.897	14.903	(1.081)	371934	20.0000	19
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	2377565	20.0000	20
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	1785652	20.0000	20
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	1617146	20.0000	19
	57 n-Octane	43	16.680	16.680	(1.210)	2157292	20.0000	18
	58 Toluene	92	16.589	16.589	(0.860)	2184066	20.0000	18
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	1858260	20.0000	20
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	1074261	20.0000	18
	61 Tetrachloroethene	166	17.630	17.630	(0.913)	1809556	20.0000	20

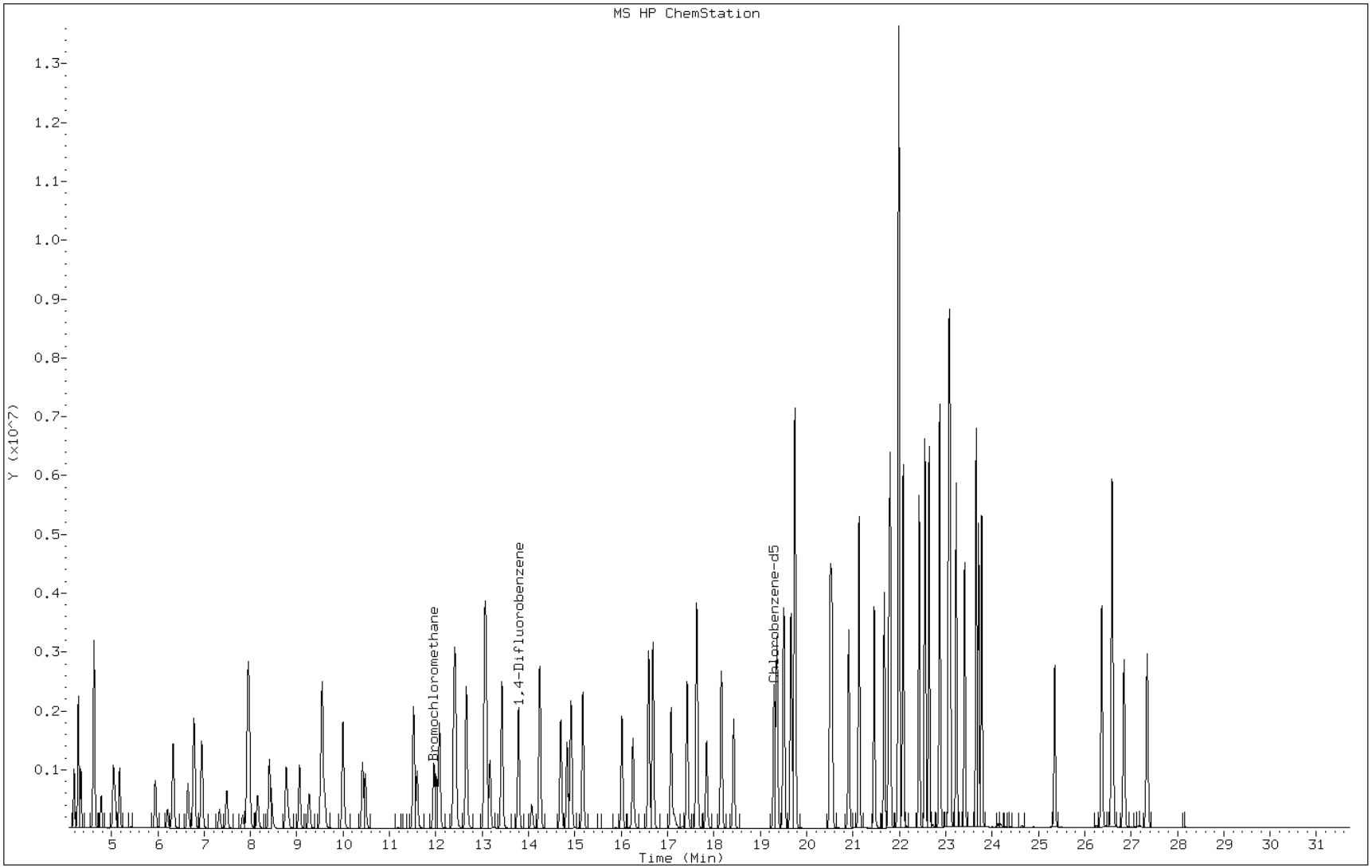
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	1536906	20.0000	19
63	Dibromochloromethane	129	18.158	18.158	(0.941)	2334083	20.0000	21
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	2041868	20.0000	20
* 65	Chlorobenzene-d5	117	19.300	19.295	(1.000)	2331233	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	3007981	20.0000	19
67	n-Nonane	57	19.663	19.663	(1.019)	2092659	20.0000	18
68	Ethylbenzene	91	19.509	19.509	(1.011)	4717926	20.0000	19
69	Xylene (m,p)	106	19.743	19.743	(1.023)	3675728	40.0000	39
M 70	Xylenes, Total	106				5452044	20.0000	58
71	Xylene (o)	106	20.512	20.512	(1.063)	1776316	20.0000	19
72	Styrene	104	20.544	20.544	(1.064)	2809834	20.0000	21
73	Bromoform	173	20.907	20.907	(1.083)	2225749	20.0000	22
74	Isopropylbenzene	105	21.131	21.131	(1.095)	5275716	20.0000	19
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	2652862	20.0000	19
76	n-Propylbenzene	91	21.803	21.804	(1.130)	6469815	20.0000	19
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	2089573	20.0000	18
78	n-Decane	57	22.001	21.996	(1.140)	2317599	20.0000	17
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	5358585	20.0000	20
80	2-Chlorotoluene	91	21.990	21.990	(1.139)	4534247	20.0000	18
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	4664234	20.0000	20
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	2292471	20.0000	22
83	tert-butylbenzene	119	22.556	22.556	(1.169)	4393558	20.0000	20
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	4644310	20.0000	20
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	6553731	20.0000	20
86	4-Isopropyltoluene	119	23.068	23.068	(1.195)	5827765	20.0000	21
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	3179148	20.0000	21
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	3084419	20.0000	21
89	Benzyl chloride	91	23.410	23.410	(1.213)	4369016	20.0000	21
90	Undecane	57	23.709	23.709	(1.228)	2357688	20.0000	20
91	n-Butylbenzene	91	23.661	23.655	(1.226)	5131193	20.0000	21
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	2942279	20.0000	21
93	Dodecane	57	25.352	25.353	(1.314)	1439151	20.0000	18
94	1,2,4-Trichlorobenzene	180	26.366	26.367	(1.366)	1945070	20.0000	24
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	1933277	20.0000	22
96	Naphthalene	128	26.847	26.847	(1.391)	4036338	20.0000	25
97	1,2,3-Trichlorobenzene	180	27.343	27.349	(1.417)	1670031	20.0000	25

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: cli009.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 463737
Lab Sample ID: ic 463737

Date: 09-MAR-2013 20:44
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: cli009.d
Lab Sample ID: ic 463737
Inj. Date and Time: 09-MAR-2013 20:44
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

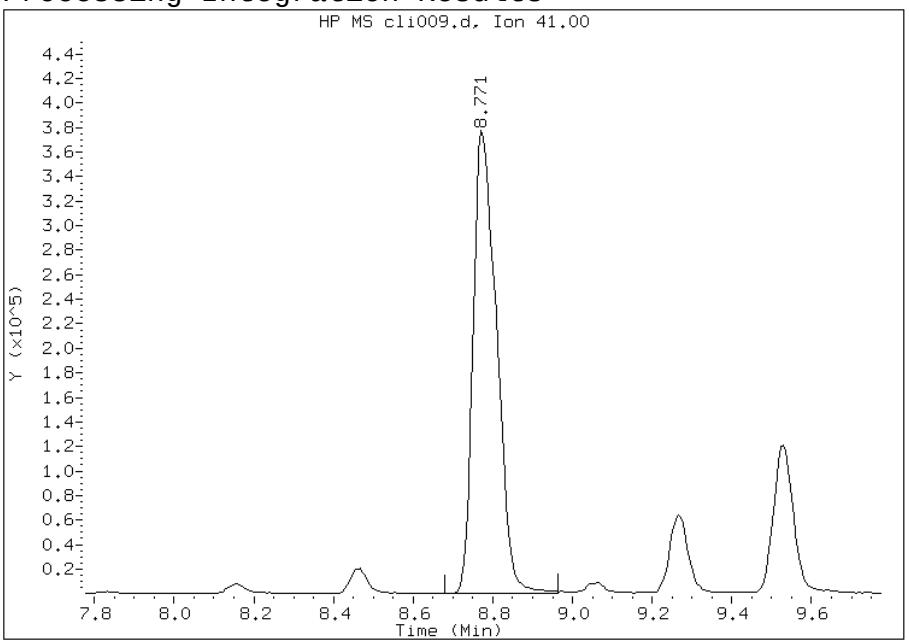
Processing Integration Results

RT: 8.77

Response: 1541946

Amount: 17.16

Conc: 17.16



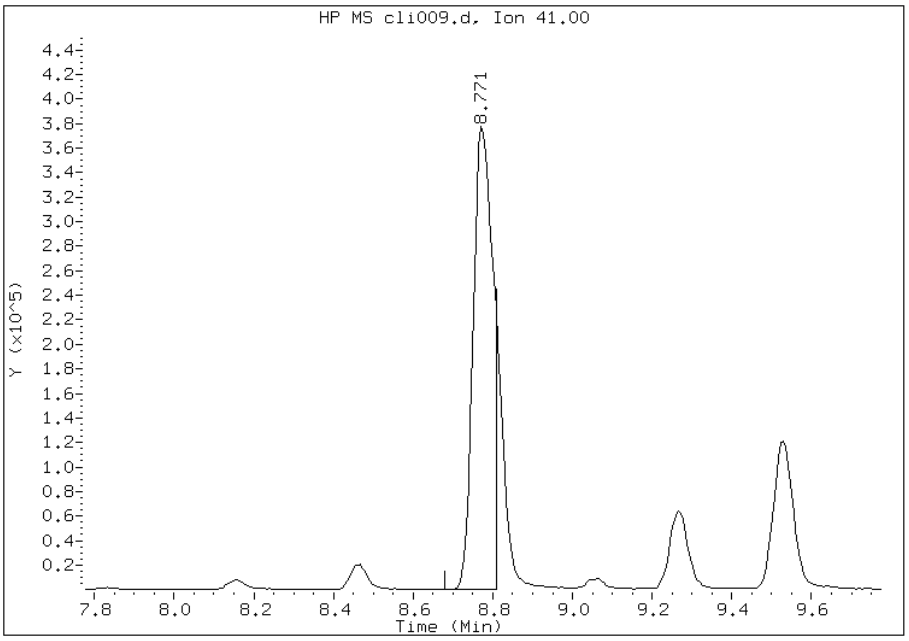
Manual Integration Results

RT: 8.77

Response: 1264304

Amount: 17.66

Conc: 17.66



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli009.d
Lab Sample ID: ic 463737
Inj. Date and Time: 09-MAR-2013 20:44
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

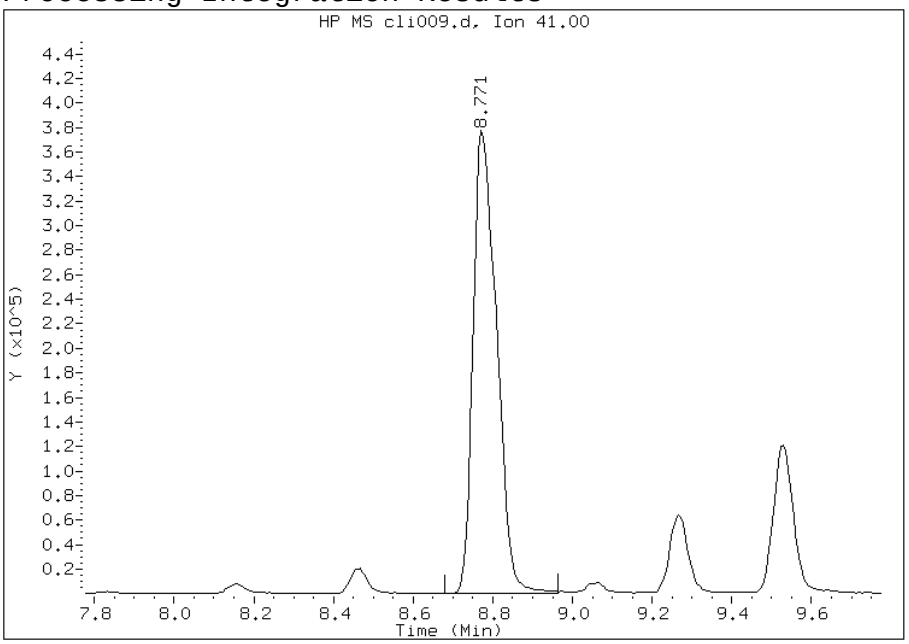
Processing Integration Results

RT: 8.77

Response: 1541946

Amount: 18.71

Conc: 18.71



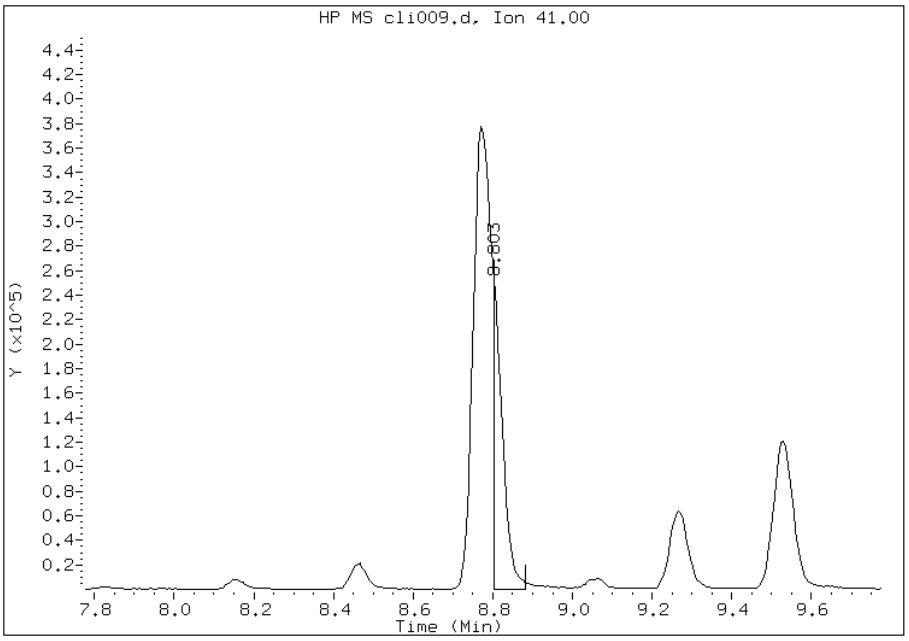
Manual Integration Results

RT: 8.80

Response: 422172

Amount: 20.22

Conc: 20.22



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli010.d
Lab Smp Id: ic 463735
Inj Date : 09-MAR-2013 21:37
Operator : pad Inst ID: C.i
Smp Info : ic 463735
Misc Info : 200,1, level 7
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	4.197	4.197	(0.351)	1270106	40.0000	29
2	Dichlorodifluoromethane	85	4.288	4.288	(0.358)	5470247	40.0000	35
3	Chlorodifluoromethane	51	4.341	4.341	(0.363)	2809375	40.0000	33
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	5379478	40.0000	34
5	Chloromethane	50	4.779	4.779	(0.399)	1522038	40.0000	32
6	Butane	43	5.046	5.046	(0.422)	2466572	40.0000	31
7	Vinyl chloride	62	5.083	5.083	(0.425)	1775220	40.0000	31
8	1,3-Butadiene	54	5.179	5.179	(0.433)	1289117	40.0000	32
9	Bromomethane	94	5.948	5.948	(0.497)	1558631	40.0000	33
10	Chloroethane	64	6.215	6.214	(0.520)	852986	40.0000	34
11	2-Methylbutane	43	6.332	6.332	(0.529)	1892142	40.0000	31
12	Vinyl bromide	106	6.652	6.652	(0.556)	1736536	40.0000	36
13	Trichlorofluoromethane	101	6.786	6.785	(0.567)	5447038	40.0000	35
14	Pentane	43	6.951	6.951	(0.581)	2936653	40.0000	31

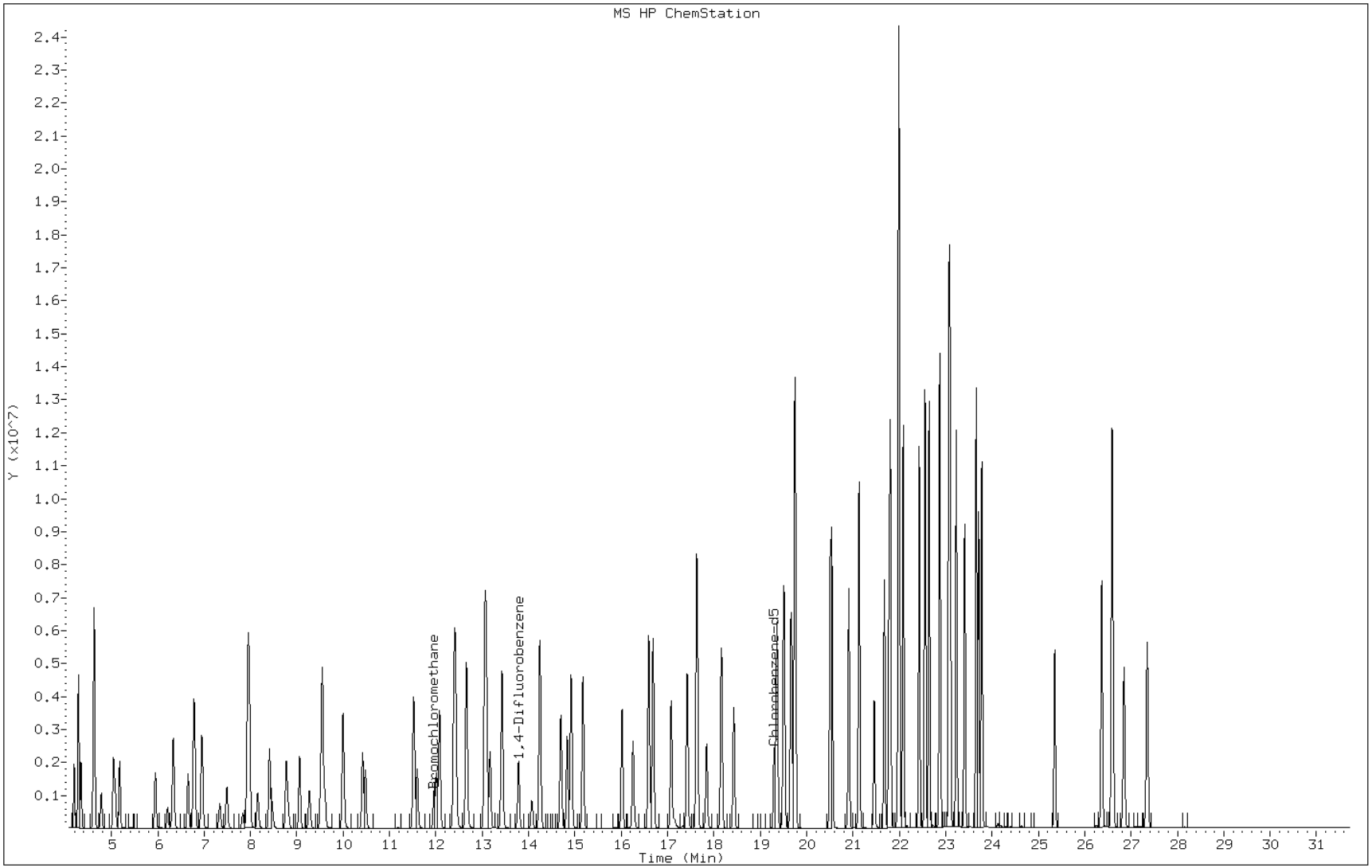
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.335	7.330	(0.613)	1237666	100.000	82
	16 Ethyl ether	59	7.490	7.490	(0.626)	1138402	40.0000	32
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	3591251	40.0000	35
	18 Acrolein	56	7.832	7.832	(0.655)	626785	40.0000	36
	19 1,1-Dichloroethene	96	7.976	7.976	(0.667)	1735884	40.0000	36
	20 Acetone	43	8.157	8.157	(0.682)	1983180	40.0000	31
	21 Carbon disulfide	76	8.408	8.408	(0.703)	5355636	40.0000	36
	22 Isopropanol	45	8.467	8.461	(0.708)	1490974	40.0000	32
	23 Allyl chloride	41	8.776	8.776	(0.734)	2405104	40.0000	31(M)
	24 Acetonitrile	41	8.803	8.776	(0.736)	916498	40.0000	40(AQM)
	25 Methylene chloride	49	9.059	9.059	(0.757)	1776751	40.0000	31
	26 Tert-butyl alcohol	59	9.273	9.267	(0.775)	2298547	40.0000	34
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	4683028	40.0000	33
	28 1,2-Dichloroethene (trans)	61	9.555	9.550	(0.799)	2641753	40.0000	33
	29 Acrylonitrile	53	9.609	9.609	(0.803)	1175704	40.0000	34
	30 n-Hexane	57	9.998	9.998	(0.836)	2867680	40.0000	33
	31 1,1-Dichloroethane	63	10.420	10.420	(0.871)	3405056	40.0000	34
	32 Vinyl acetate	43	10.484	10.479	(0.876)	3804887	40.0000	34
M	33 1,2-Dichloroethene,Total	61				4650830	80.0000	69
	34 1,2-Dichloroethene (cis)	96	11.519	11.514	(0.963)	2009077	40.0000	36
	35 Ethyl acetate	88	11.599	11.594	(0.970)	151721	40.0000	37(Q)
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	770517	40.0000	32(Q)
*	37 Bromochloromethane	128	11.962	11.957	(1.000)	463511	10.0000	(Q)
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	1552146	40.0000	34
	39 Chloroform	83	12.080	12.074	(1.010)	4266582	40.0000	35
	40 Cyclohexane	84	12.427	12.427	(0.901)	2850564	40.0000	37
	41 1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	4857441	40.0000	38
	42 Carbon tetrachloride	117	12.662	12.656	(0.918)	5285128	40.0000	39
	43 2,2,4-Trimethylpentane	57	13.083	13.078	(0.949)	8696287	40.0000	33
	44 Benzene	78	13.051	13.051	(0.947)	5784551	40.0000	32
	45 1,2-Dichloroethane	62	13.169	13.168	(0.955)	2782007	40.0000	35
	46 n-Heptane	43	13.425	13.419	(0.974)	2998685	40.0000	32
*	47 1,4-Difluorobenzene	114	13.788	13.782	(1.000)	2584784	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.020)	779915	40.0000	38
	49 Trichloroethene	95	14.241	14.241	(1.033)	3007896	40.0000	37
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	2070155	40.0000	34
	51 Methyl methacrylate	69	14.834	14.828	(1.076)	1855779	40.0000	37
	52 Dibromomethane	174	14.919	14.919	(1.082)	2599404	40.0000	46(AQ)
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	721460	40.0000	35
	54 Bromodichloromethane	83	15.170	15.170	(1.100)	4839330	40.0000	38
	55 1,3-Dichloropropene (cis)	75	16.018	16.013	(1.162)	3484006	40.0000	37
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	2777100	40.0000	31
	57 n-Octane	43	16.686	16.680	(1.210)	3829915	40.0000	30
	58 Toluene	92	16.595	16.589	(0.860)	4308219	40.0000	35
	59 1,3-Dichloropropene (trans)	75	17.080	17.075	(1.239)	3638785	40.0000	37
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	2059239	40.0000	35
	61 Tetrachloroethene	166	17.630	17.630	(0.913)	4174075	40.0000	45(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	2623285	40.0000	31
63	Dibromochloromethane	129	18.164	18.158	(0.941)	4921583	40.0000	42(A)
64	1,2-Dibromoethane	107	18.431	18.425	(0.955)	4075664	40.0000	38
* 65	Chlorobenzene-d5	117	19.301	19.295	(1.000)	2387950	10.0000	
66	Chlorobenzene	112	19.359	19.354	(1.003)	6078460	40.0000	38
67	n-Nonane	57	19.664	19.663	(1.019)	3810205	40.0000	32
68	Ethylbenzene	91	19.509	19.509	(1.011)	9469161	40.0000	37
69	Xylene (m,p)	106	19.749	19.743	(1.023)	7466920	80.0000	77
M 70	Xylenes, Total	106				11057516	40.0000	120
71	Xylene (o)	106	20.512	20.512	(1.063)	3590596	40.0000	38
72	Styrene	104	20.544	20.544	(1.064)	5807466	40.0000	43(A)
73	Bromoform	173	20.907	20.907	(1.083)	5069095	40.0000	49(A)
74	Isopropylbenzene	105	21.131	21.131	(1.095)	10993640	40.0000	40
75	1,1,2,2-Tetrachloroethane	83	21.676	21.675	(1.123)	5110861	40.0000	35
76	n-Propylbenzene	91	21.804	21.804	(1.130)	12730075	40.0000	37
77	1,2,3-Trichloropropane	75	21.777	21.771	(1.128)	3932885	40.0000	34
78	n-Decane	57	22.001	21.996	(1.140)	3648252	40.0000	27
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	10648317	40.0000	38
80	2-Chlorotoluene	91	21.990	21.990	(1.139)	8536224	40.0000	34
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	9638214	40.0000	40(A)
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	4889984	40.0000	47(A)
83	tert-butylbenzene	119	22.556	22.556	(1.169)	9387260	40.0000	41(A)
84	1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	9634193	40.0000	41(A)
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	13627904	40.0000	40(A)
86	4-Isopropyltoluene	119	23.069	23.068	(1.195)	12280576	40.0000	43(A)
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	7096676	40.0000	46(A)
88	1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	6962840	40.0000	47(A)
89	Benzyl chloride	91	23.410	23.410	(1.213)	9130193	40.0000	42(A)
90	Undecane	57	23.709	23.709	(1.228)	4513494	40.0000	38
91	n-Butylbenzene	91	23.661	23.655	(1.226)	10284567	40.0000	41(A)
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	6567485	40.0000	46(A)
93	Dodecane	57	25.353	25.353	(1.314)	2799731	40.0000	33
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	4196039	40.0000	50(A)
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	4314269	40.0000	48(A)
96	Naphthalene	128	26.847	26.847	(1.391)	7230213	40.0000	43(A)
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	3440302	40.0000	51(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cli010.d	Date:	09-MAR-2013 21:37
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463735		
Lab Sample ID:	ic 463735		



Manual Integration Report

Data File: cli010.d
Lab Sample ID: ic 463735
Inj. Date and Time: 09-MAR-2013 21:37
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

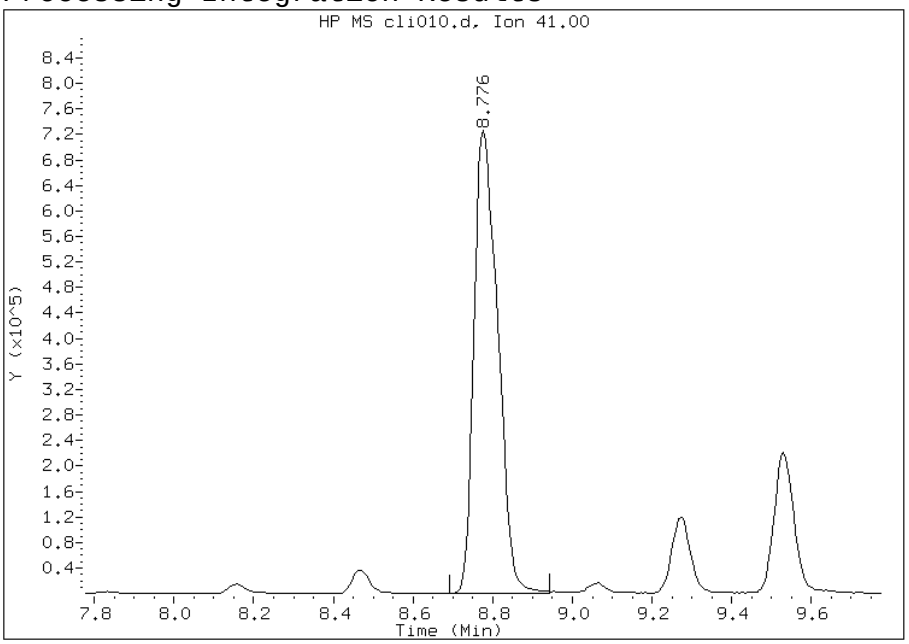
Processing Integration Results

RT: 8.78

Response: 3007051

Amount: 30.63

Conc: 30.63



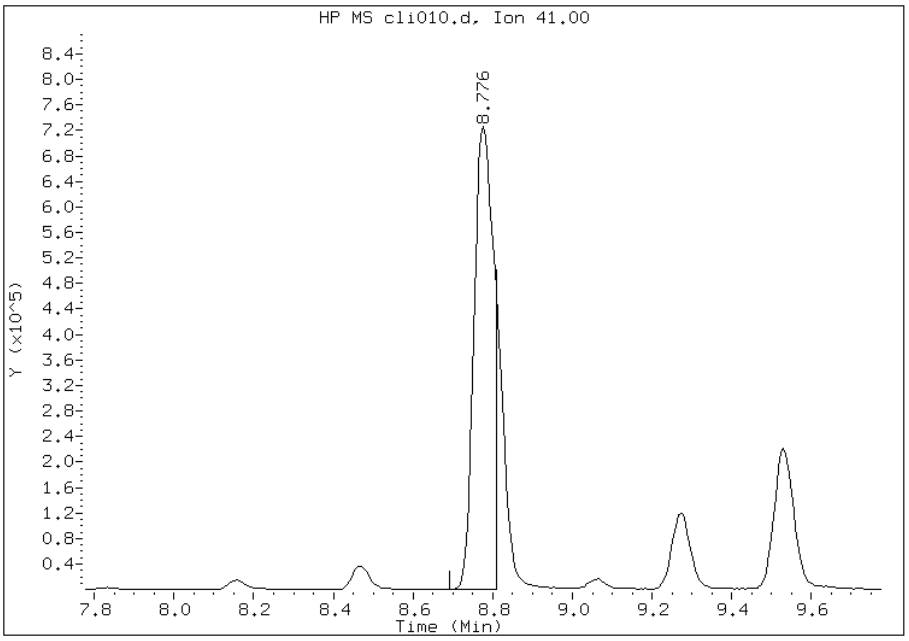
Manual Integration Results

RT: 8.78

Response: 2405104

Amount: 30.76

Conc: 30.76



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli010.d
Lab Sample ID: ic 463735
Inj. Date and Time: 09-MAR-2013 21:37
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

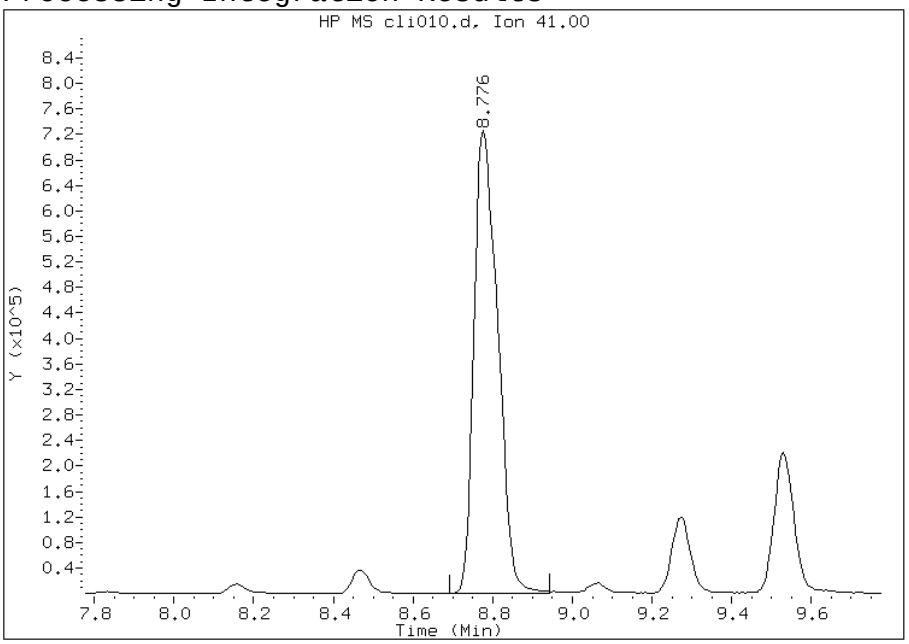
Processing Integration Results

RT: 8.78

Response: 3007051

Amount: 33.41

Conc: 33.41



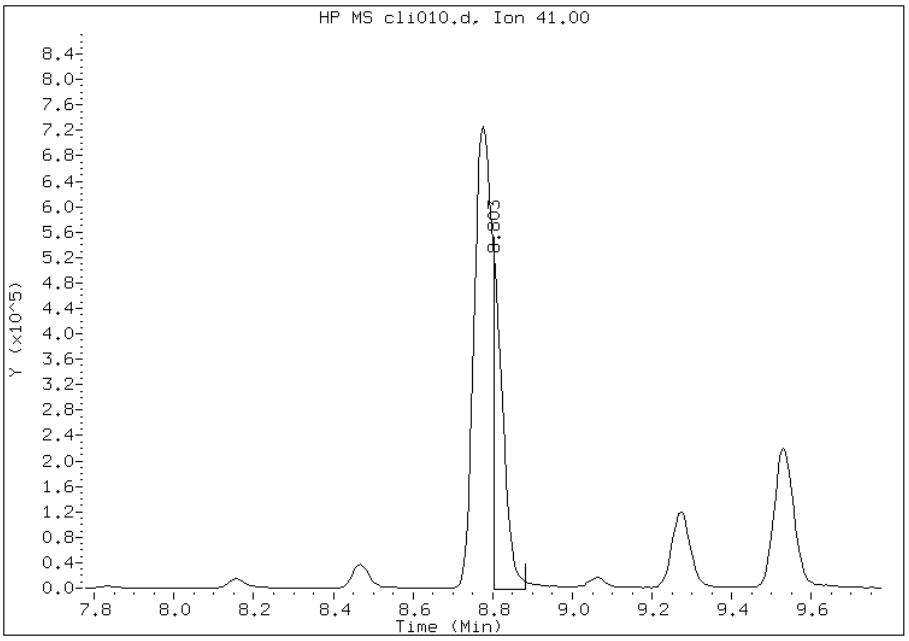
Manual Integration Results

RT: 8.80

Response: 916498

Amount: 40.18

Conc: 40.18



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab Sample ID: ICV 200-52836/13 Calibration Date: 03/10/2013 00:15

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: cli013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9356	0.7475		7.99	10.0	-20.1	30.0
Dichlorodifluoromethane	Ave	3.416	3.243		9.49	10.0	-5.1	30.0
Freon 22	Ave	1.843	1.671		9.07	10.0	-9.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.437	3.285		9.56	10.0	-4.4	30.0
Chloromethane	Ave	1.029	0.9362		9.10	10.0	-9.0	30.0
n-Butane	Ave	1.704	1.403		8.23	10.0	-17.7	30.0
Vinyl chloride	Ave	1.234	1.010		8.18	10.0	-18.2	30.0
1,3-Butadiene	Ave	0.8813	0.7294		8.27	10.0	-17.2	30.0
Bromomethane	Ave	1.020	0.8854		8.68	10.0	-13.2	30.0
Chloroethane	Ave	0.5491	0.4898		8.92	10.0	-10.8	30.0
Isopentane	Ave	1.327	1.112		8.38	10.0	-16.2	30.0
Bromoethene(Vinyl Bromide)	Ave	1.034	1.006		9.73	10.0	-2.7	30.0
Trichlorofluoromethane	Ave	3.363	3.090		9.19	10.0	-8.1	30.0
n-Pentane	Ave	2.023	1.693		8.37	10.0	-16.3	30.0
Ethanol	Ave	0.3273	0.2935		13.5	15.0	-10.3	30.0
Ethyl ether	Ave	0.7637	0.6087		7.97	10.0	-20.3	30.0
Acrolein	Ave	0.3740	0.2802		7.49	10.0	-25.1	30.0
Freon TF	Ave	2.195	2.255		10.3	10.0	2.7	30.0
1,1-Dichloroethene	Ave	1.046	1.099		10.5	10.0	5.1	30.0
Acetone	Ave	1.360	1.115		8.20	10.0	-18.0	30.0
Carbon disulfide	Ave	3.229	3.069		9.50	10.0	-5.0	30.0
Isopropyl alcohol	Ave	0.9946	0.8565		8.61	10.0	-13.9	30.0
3-Chloropropene	Ave	1.687	1.433		8.49	10.0	-15.0	30.0
Acetonitrile	Ave	0.4921	0.4105		8.34	10.0	-16.6	30.0
Methylene Chloride	Ave	1.218	1.109		9.10	10.0	-9.0	30.0
tert-Butyl alcohol	Ave	1.440	1.293		8.98	10.0	-10.2	30.0
Methyl tert-butyl ether	Ave	3.042	2.639		8.67	10.0	-13.2	30.0
trans-1,2-Dichloroethene	Ave	1.725	1.552		9.00	10.0	-10.0	30.0
Acrylonitrile	Ave	0.7452	0.6576		8.82	10.0	-11.8	30.0
n-Hexane	Ave	1.887	1.705		9.03	10.0	-9.6	30.0
1,1-Dichloroethane	Ave	2.181	1.970		9.03	10.0	-9.7	30.0
Vinyl acetate	Ave	2.415	2.040		8.44	10.0	-15.5	30.0
cis-1,2-Dichloroethene	Ave	1.205	1.207		10.0	10.0	0.2	30.0
Methyl Ethyl Ketone	Ave	0.5162	0.4476		8.67	10.0	-13.3	30.0
Ethyl acetate	Ave	0.0890	0.0825		9.27	10.0	-7.3	30.0
Tetrahydrofuran	Ave	0.1790	0.1526		8.52	10.0	-14.8	30.0
Chloroform	Ave	2.595	2.457		9.47	10.0	-5.3	30.0
1,1,1-Trichloroethane	Ave	0.4964	0.4782		9.63	10.0	-3.7	30.0
Cyclohexane	Ave	0.2956	0.2925		9.89	10.0	-1.1	30.0
Carbon tetrachloride	Ave	0.5265	0.4965		9.43	10.0	-5.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab Sample ID: ICV 200-52836/13 Calibration Date: 03/10/2013 00:15

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: cli013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6947	0.6173		8.88	10.0	-11.1	30.0
2,2,4-Trimethylpentane	Ave	1.006	0.9422		9.37	10.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.3034	0.2770		9.13	10.0	-8.7	30.0
n-Heptane	Ave	0.3660	0.3198		8.74	10.0	-12.6	30.0
n-Butanol	Ave	0.0795	0.0686		8.63	10.0	-13.6	30.0
Trichloroethene	Ave	0.3182	0.2988		9.39	10.0	-6.1	30.0
1,2-Dichloropropane	Ave	0.2360	0.2151		9.11	10.0	-8.8	30.0
Methyl methacrylate	Ave	0.1948	0.1738		8.92	10.0	-10.8	30.0
1,4-Dioxane	Ave	0.0789	0.0669		8.48	10.0	-15.1	30.0
Dibromomethane	Ave	0.2169	0.2375		10.9	10.0	9.5	30.0
Bromodichloromethane	Ave	0.4916	0.4920		10.0	10.0	0.0	30.0
cis-1,3-Dichloropropene	Ave	0.3655	0.3532		9.66	10.0	-3.4	30.0
methyl isobutyl ketone	Ave	0.3454	0.2917		8.44	10.0	-15.5	30.0
Toluene	Ave	0.5138	0.5135		9.99	10.0	-0.0	30.0
n-Octane	Ave	0.4901	0.4281		8.73	10.0	-12.7	30.0
trans-1,3-Dichloropropene	Ave	0.3844	0.3576		9.30	10.0	-7.0	30.0
1,1,2-Trichloroethane	Ave	0.2491	0.2367		9.50	10.0	-5.0	30.0
Tetrachloroethene	Ave	0.3904	0.4265		10.9	10.0	9.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3556	0.3188		8.96	10.0	-10.4	30.0
Dibromochloromethane	Ave	0.4862	0.5517		11.3	10.0	13.5	30.0
1,2-Dibromoethane	Ave	0.4479	0.4639		10.4	10.0	3.6	30.0
Chlorobenzene	Ave	0.6698	0.6879		10.3	10.0	2.7	30.0
Ethylbenzene	Ave	1.078	1.045		9.70	10.0	-3.0	30.0
n-Nonane	Ave	0.5032	0.4745		9.43	10.0	-5.7	30.0
m,p-Xylene	Ave	0.4055	0.3976		19.6	20.0	-2.0	30.0
Xylene, o-	Ave	0.3919	0.3856		9.84	10.0	-1.6	30.0
Styrene	Ave	0.5713	0.5989		10.5	10.0	4.8	30.0
Bromoform	Ave	0.4325	0.4988		11.5	10.0	15.3	30.0
Cumene	Ave	1.165	1.162		9.98	10.0	-0.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6143	0.5551		9.03	10.0	-9.6	30.0
1,2,3-Trichloropropane	Ave	0.4914	0.4534		9.22	10.0	-7.7	30.0
n-Propylbenzene	Ave	1.427	1.402		9.82	10.0	-1.8	30.0
4-Ethyltoluene	Ave	1.170	1.180		10.1	10.0	0.9	30.0
2-Chlorotoluene	Ave	1.060	1.039		9.81	10.0	-1.9	30.0
n-Decane	Ave	0.5711	0.5268		9.22	10.0	-7.8	30.0
1,3,5-Trimethylbenzene	Ave	1.004	0.9721		9.68	10.0	-3.2	30.0
Alpha Methyl Styrene	Ave	0.4381	0.4811		11.0	10.0	9.8	30.0
tert-Butylbenzene	Ave	0.9480	0.9465		9.98	10.0	-0.2	30.0
1,2,4-Trimethylbenzene	Ave	0.9739	0.9383		9.63	10.0	-3.7	30.0
sec-Butylbenzene	Ave	1.417	1.392		9.82	10.0	-1.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab Sample ID: ICV 200-52836/13 Calibration Date: 03/10/2013 00:15

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: cli013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.187	1.202		10.1	10.0	1.3	30.0
1,3-Dichlorobenzene	Ave	0.6445	0.6429		9.97	10.0	-0.2	30.0
1,4-Dichlorobenzene	Ave	0.6258	0.6297		10.1	10.0	0.6	30.0
Benzyl chloride	Ave	0.9105	0.8932		9.81	10.0	-1.9	30.0
n-Butylbenzene	Ave	1.052	1.070		10.2	10.0	1.7	30.0
n-Undecane	Ave	0.4934	0.4478		9.07	10.0	-9.2	30.0
1,2-Dichlorobenzene	Ave	0.6032	0.5891		9.76	10.0	-2.3	30.0
n-Dodecane	Ave	0.3509	0.3624		10.3	10.0	3.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3513	0.3319		9.45	10.0	-5.5	30.0
Hexachlorobutadiene	Ave	0.3778	0.3604		9.54	10.0	-4.6	30.0
Naphthalene	Ave	0.7048	0.6961		9.87	10.0	-1.2	30.0
1,2,3-Trichlorobenzene	Ave	0.2819	0.2987		10.6	10.0	5.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli013.d
Lab Smp Id: icv 463802
Inj Date : 10-MAR-2013 00:15
Operator : pad Inst ID: C.i
Smp Info : icv 463802
Misc Info : 200,1, icv
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 6 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	4.192	4.197	(0.351)	329354	7.98715	8.0
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	1429164	9.49192	9.5
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	736431	9.06622	9.1
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	1447381	9.55562	9.6
5 Chloromethane	50	4.773	4.779	(0.399)	412501	9.09565	9.1
6 Butane	43	5.040	5.046	(0.422)	618086	8.22889	8.2
7 Vinyl chloride	62	5.078	5.083	(0.425)	444838	8.18084	8.2
8 1,3-Butadiene	54	5.174	5.179	(0.433)	321407	8.27492	8.3
9 Bromomethane	94	5.942	5.948	(0.497)	390132	8.67625	8.7
10 Chloroethane	64	6.209	6.214	(0.519)	215823	8.91766	8.9
11 2-Methylbutane	43	6.326	6.332	(0.529)	489785	8.37567	8.4
12 Vinyl bromide	106	6.647	6.652	(0.556)	443260	9.72512	9.7
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	1361552	9.18599	9.2
14 Pentane	43	6.946	6.951	(0.581)	746023	8.36791	8.4

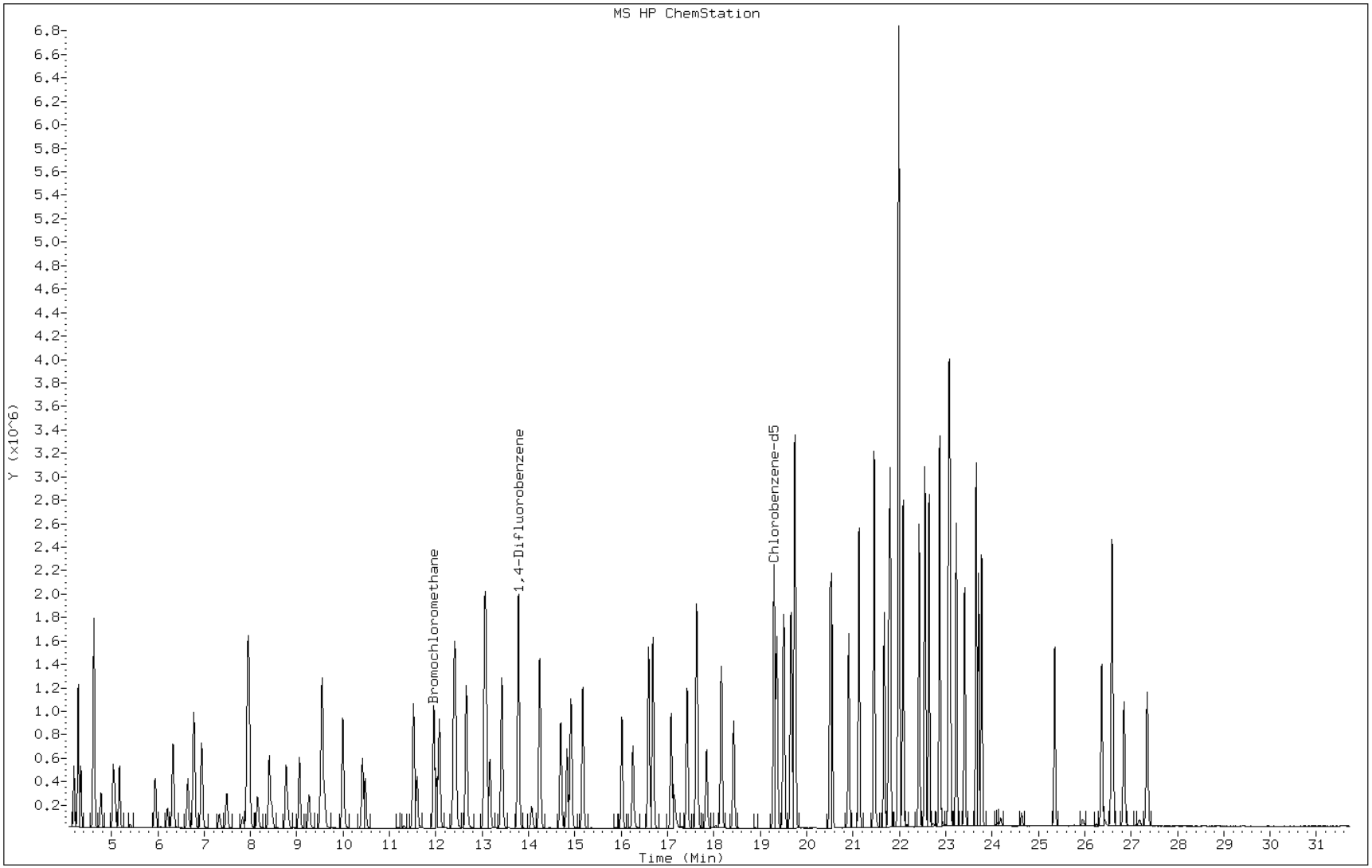
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.324	7.330	(0.613)	194097	13.4540	13
	16 Ethyl ether	59	7.490	7.490	(0.626)	268195	7.96801	8.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	993636	10.2701	10
	18 Acrolein	56	7.826	7.832	(0.655)	123474	7.49072	7.5
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	484465	10.5096	11
	20 Acetone	43	8.152	8.157	(0.682)	491200	8.19604	8.2
	21 Carbon disulfide	76	8.408	8.408	(0.703)	1352250	9.50151	9.5
	22 Isopropanol	45	8.461	8.461	(0.708)	377418	8.61033	8.6
	23 Allyl chloride	41	8.771	8.776	(0.734)	631517	8.49402	8.5(M)
	24 Acetonitrile	41	8.803	8.776	(0.736)	180876	8.34040	8.3(QM)
	25 Methylene chloride	49	9.054	9.059	(0.757)	488518	9.09882	9.1
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	569765	8.97840	9.0
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1162850	8.67422	8.7
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	684004	8.99821	9.0
	29 Acrylonitrile	53	9.603	9.609	(0.803)	289753	8.82295	8.8
	30 n-Hexane	57	9.993	9.998	(0.836)	751258	9.03441	9.0
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	867875	9.03042	9.0
	32 Vinyl acetate	43	10.479	10.479	(0.876)	898703	8.44341	8.4
M	33 1,2-Dichloroethene,Total	61				1215979	19.0153	19
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	531975	10.0171	10
	35 Ethyl acetate	88	11.594	11.594	(0.970)	36354	9.26590	9.3
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	197243	8.67034	8.7(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	440717	10.0000	(Q)
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	384634	8.52261	8.5
	39 Chloroform	83	12.074	12.074	(1.010)	1082820	9.46626	9.5
	40 Cyclohexane	84	12.421	12.427	(0.901)	737299	9.89205	9.9
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	1205527	9.63205	9.6
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1251476	9.42731	9.4
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	2375017	9.36622	9.4
	44 Benzene	78	13.051	13.051	(0.947)	1556097	8.88384	8.9
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	698358	9.12865	9.1
	46 n-Heptane	43	13.419	13.419	(0.974)	806149	8.73500	8.7
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2521333	10.0000	
	48 n-Butanol	56	14.065	14.070	(1.021)	172977	8.63466	8.6
	49 Trichloroethene	95	14.236	14.241	(1.033)	753176	9.38653	9.4
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	542308	9.11382	9.1
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	438178	8.92113	8.9
	52 Dibromomethane	174	14.919	14.919	(1.082)	598719	10.9500	11(Q)
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	168743	8.48384	8.5
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1240338	10.0062	10
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	890470	9.66147	9.7
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	735422	8.44364	8.4
	57 n-Octane	43	16.680	16.680	(1.210)	1079104	8.73319	8.7
	58 Toluene	92	16.589	16.589	(0.860)	1124476	9.99085	10
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	901341	9.30000	9.3
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	518331	9.49799	9.5
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	933914	10.9208	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	698116	8.96217	9.0
63	Dibromochloromethane	129	18.158	18.158	(0.941)	1208285	11.3458	11
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	1015818	10.3532	10
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	2190412	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	1506394	10.2673	10
67	n-Nonane	57	19.663	19.663	(1.019)	1039111	9.42823	9.4
68	Ethylbenzene	91	19.503	19.509	(1.011)	2289377	9.69516	9.7
69	Xylene (m,p)	106	19.743	19.743	(1.023)	1741388	19.6056	20
M 70	Xylenes, Total	106				2585883	29.4436	29
71	Xylene (o)	106	20.507	20.512	(1.063)	844495	9.83795	9.8
72	Styrene	104	20.544	20.544	(1.065)	1311566	10.4809	10
73	Bromoform	173	20.907	20.907	(1.084)	1092334	11.5308	12
74	Isopropylbenzene	105	21.131	21.131	(1.095)	2544931	9.97573	10
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1215703	9.03439	9.0
76	n-Propylbenzene	91	21.803	21.804	(1.130)	3070128	9.82247	9.8
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	992848	9.22494	9.2
78	n-Decane	57	21.996	21.996	(1.140)	1153651	9.22192	9.2
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	2584993	10.0869	10
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	2276128	9.80508	9.8
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	2128860	9.67851	9.7
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	1053697	10.9801	11
83	tert-butylbenzene	119	22.556	22.556	(1.169)	2072763	9.98157	10
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	2054829	9.63218	9.6
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	3049061	9.82232	9.8
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	2633410	10.1275	10
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1408007	9.97343	10
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	1379025	10.0604	10
89	Benzyl chloride	91	23.410	23.410	(1.213)	1956150	9.80849	9.8
90	Undecane	57	23.709	23.709	(1.229)	980559	9.07323	9.1
91	n-Butylbenzene	91	23.655	23.655	(1.226)	2343963	10.1723	10
92	1,2-Dichlorobenzene	146	23.773	23.778	(1.232)	1290089	9.76375	9.8
93	Dodecane	57	25.353	25.353	(1.314)	793579	10.3262	10
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	726791	9.44533	9.4
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	789333	9.53804	9.5
96	Naphthalene	128	26.847	26.847	(1.391)	1524470	9.87415	9.9
97	1,2,3-Trichlorobenzene	180	27.343	27.349	(1.417)	654055	10.5914	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cli013.d	Date:	10-MAR-2013 00:15
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icv 463802		
Lab Sample ID:	icv 463802		



Manual Integration Report

Data File: cli013.d
Lab Sample ID: icv 463802
Inj. Date and Time: 10-MAR-2013 00:15
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

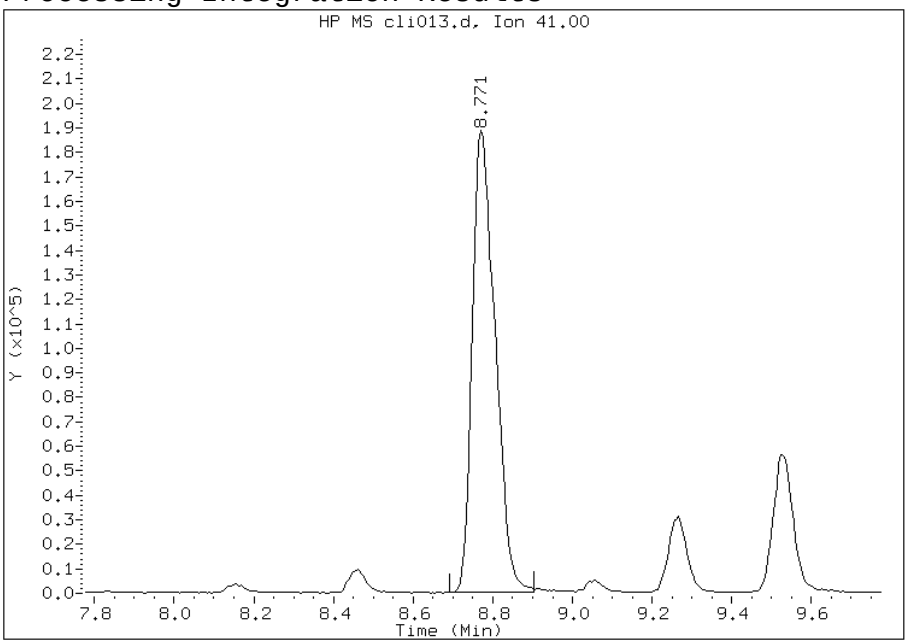
Processing Integration Results

RT: 8.77

Response: 753557

Amount: 10.14

Conc: 10.14



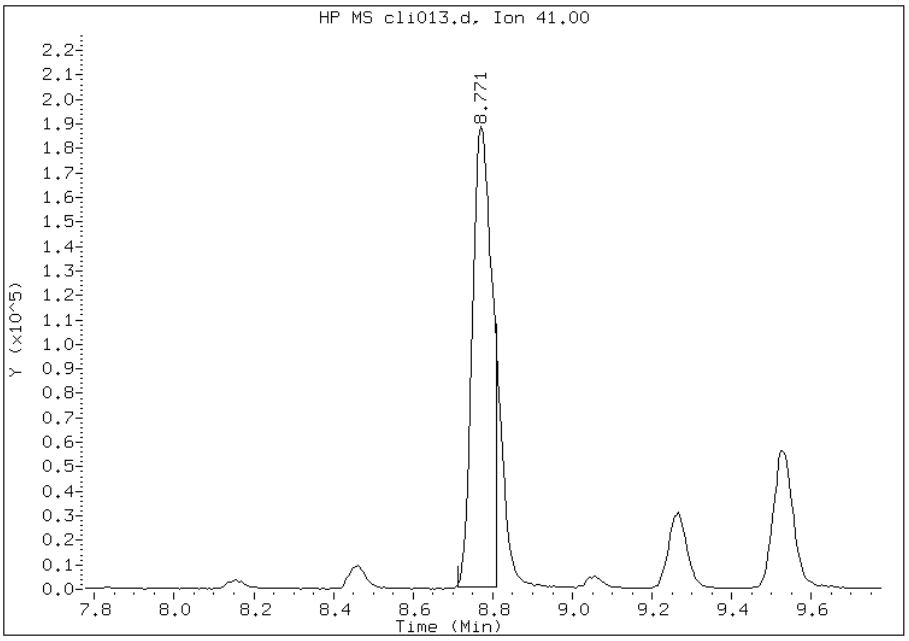
Manual Integration Results

RT: 8.77

Response: 631517

Amount: 8.49

Conc: 8.49



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli013.d
Lab Sample ID: icv 463802
Inj. Date and Time: 10-MAR-2013 00:15
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

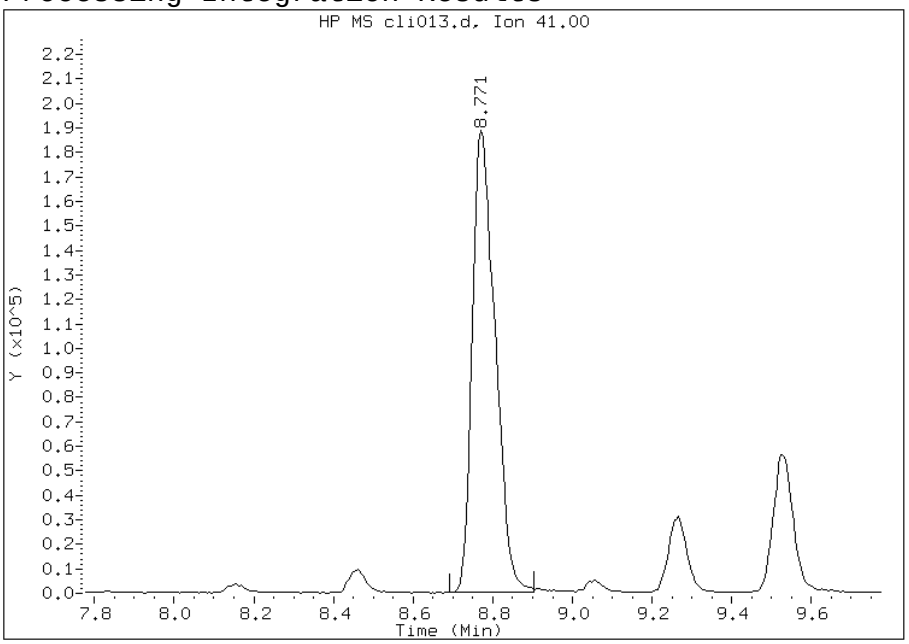
Processing Integration Results

RT: 8.77

Response: 753557

Amount: 34.75

Conc: 34.75



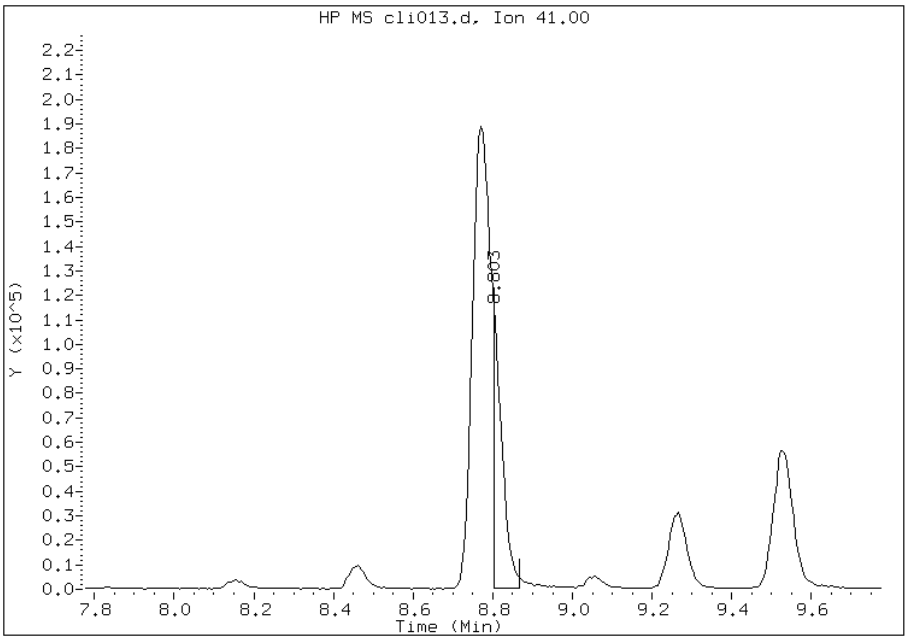
Manual Integration Results

RT: 8.80

Response: 180876

Amount: 8.34

Conc: 8.34



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab Sample ID: CCVIS 200-52936/2 Calibration Date: 03/12/2013 14:40

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: clic002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9356	1.070		11.4	10.0	14.3	30.0
Dichlorodifluoromethane	Ave	3.416	4.033		11.8	10.0	18.1	30.0
Freon 22	Ave	1.843	2.217		12.0	10.0	20.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.437	3.888		11.3	10.0	13.1	30.0
Chloromethane	Ave	1.029	1.171		11.4	10.0	13.8	30.0
n-Butane	Ave	1.704	1.981		11.6	10.0	16.2	30.0
Vinyl chloride	Ave	1.234	1.312		10.6	10.0	6.4	30.0
1,3-Butadiene	Ave	0.8813	0.9692		11.0	10.0	10.0	30.0
Bromomethane	Ave	1.020	1.081		10.6	10.0	5.9	30.0
Chloroethane	Ave	0.5491	0.6159		11.2	10.0	12.2	30.0
Isopentane	Ave	1.327	1.468		11.1	10.0	10.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.034	1.109		10.7	10.0	7.2	30.0
Trichlorofluoromethane	Ave	3.363	3.690		11.0	10.0	9.7	30.0
n-Pentane	Ave	2.023	2.279		11.3	10.0	12.6	30.0
Ethanol	Ave	0.3273	0.3939		18.1	15.0	20.3	30.0
Ethyl ether	Ave	0.7637	0.8196		10.7	10.0	7.3	30.0
Acrolein	Ave	0.3740	0.4060		10.9	10.0	8.6	30.0
Freon TF	Ave	2.195	2.376		10.8	10.0	8.2	30.0
1,1-Dichloroethene	Ave	1.046	1.116		10.7	10.0	6.7	30.0
Acetone	Ave	1.360	1.597		11.7	10.0	17.5	30.0
Carbon disulfide	Ave	3.229	3.542		11.0	10.0	9.7	30.0
Isopropyl alcohol	Ave	0.9946	1.296		13.0	10.0	30.3*	30.0
3-Chloropropene	Ave	1.687	1.679		9.95	10.0	-0.5	30.0
Acetonitrile	Ave	0.4921	0.5873		11.9	10.0	19.4	30.0
Methylene Chloride	Ave	1.218	1.330		10.9	10.0	9.1	30.0
tert-Butyl alcohol	Ave	1.440	1.882		13.1	10.0	30.7*	30.0
Methyl tert-butyl ether	Ave	3.042	3.244		10.7	10.0	6.7	30.0
trans-1,2-Dichloroethene	Ave	1.725	1.885		10.9	10.0	9.3	30.0
Acrylonitrile	Ave	0.7452	0.8032		10.8	10.0	7.8	30.0
n-Hexane	Ave	1.887	2.030		10.8	10.0	7.6	30.0
1,1-Dichloroethane	Ave	2.181	2.362		10.8	10.0	8.3	30.0
Vinyl acetate	Ave	2.415	2.718		11.3	10.0	12.5	30.0
cis-1,2-Dichloroethene	Ave	1.205	1.271		10.5	10.0	5.5	30.0
Methyl Ethyl Ketone	Ave	0.5162	0.5561		10.8	10.0	7.7	30.0
Ethyl acetate	Ave	0.0890	0.0946		10.6	10.0	6.3	30.0
Tetrahydrofuran	Ave	0.1790	0.2042		11.4	10.0	14.1	30.0
Chloroform	Ave	2.595	2.819		10.9	10.0	8.6	30.0
1,1,1-Trichloroethane	Ave	0.4964	0.5381		10.8	10.0	8.4	30.0
Cyclohexane	Ave	0.2956	0.3147		10.6	10.0	6.5	30.0
Carbon tetrachloride	Ave	0.5265	0.5552		10.5	10.0	5.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab Sample ID: CCVIS 200-52936/2 Calibration Date: 03/12/2013 14:40

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: clic002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6947	0.6831		9.83	10.0	-1.7	30.0
2,2,4-Trimethylpentane	Ave	1.006	1.097		10.9	10.0	9.1	30.0
1,2-Dichloroethane	Ave	0.3034	0.3337		11.0	10.0	10.0	30.0
n-Heptane	Ave	0.3660	0.3982		10.9	10.0	8.8	30.0
n-Butanol	Ave	0.0795	0.1013		12.7	10.0	27.5	30.0
Trichloroethene	Ave	0.3182	0.3245		10.2	10.0	2.0	30.0
1,2-Dichloropropane	Ave	0.2360	0.2561		10.8	10.0	8.5	30.0
Methyl methacrylate	Ave	0.1948	0.2104		10.8	10.0	8.0	30.0
1,4-Dioxane	Ave	0.0789	0.0957		12.1	10.0	21.3	30.0
Dibromomethane	Ave	0.2169	0.2226		10.3	10.0	2.6	30.0
Bromodichloromethane	Ave	0.4916	0.5463		11.1	10.0	11.1	30.0
cis-1,3-Dichloropropene	Ave	0.3655	0.3992		10.9	10.0	9.2	30.0
methyl isobutyl ketone	Ave	0.3454	0.3925		11.4	10.0	13.6	30.0
Toluene	Ave	0.5138	0.5263		10.2	10.0	2.4	30.0
n-Octane	Ave	0.4901	0.5448		11.1	10.0	11.2	30.0
trans-1,3-Dichloropropene	Ave	0.3844	0.4054		10.5	10.0	5.5	30.0
1,1,2-Trichloroethane	Ave	0.2491	0.2669		10.7	10.0	7.1	30.0
Tetrachloroethene	Ave	0.3904	0.4045		10.4	10.0	3.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3556	0.4184		11.8	10.0	17.7	30.0
Dibromochloromethane	Ave	0.4862	0.5359		11.0	10.0	10.2	30.0
1,2-Dibromoethane	Ave	0.4479	0.4834		10.8	10.0	7.9	30.0
Chlorobenzene	Ave	0.6698	0.6943		10.4	10.0	3.7	30.0
Ethylbenzene	Ave	1.078	1.127		10.4	10.0	4.5	30.0
n-Nonane	Ave	0.5032	0.5439		10.8	10.0	8.1	30.0
m,p-Xylene	Ave	0.4055	0.4117		20.3	20.0	1.5	30.0
Xylene, o-	Ave	0.3919	0.4065		10.4	10.0	3.7	30.0
Styrene	Ave	0.5713	0.6174		10.8	10.0	8.1	30.0
Bromoform	Ave	0.4325	0.4720		10.9	10.0	9.1	30.0
Cumene	Ave	1.165	1.213		10.4	10.0	4.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6143	0.6517		10.6	10.0	6.1	30.0
1,2,3-Trichloropropane	Ave	0.4914	0.5317		10.8	10.0	8.2	30.0
n-Propylbenzene	Ave	1.427	1.554		10.9	10.0	8.9	30.0
4-Ethyltoluene	Ave	1.170	1.293		11.0	10.0	10.5	30.0
2-Chlorotoluene	Ave	1.060	1.166		11.0	10.0	10.0	30.0
n-Decane	Ave	0.5711	0.6514		11.4	10.0	14.1	30.0
1,3,5-Trimethylbenzene	Ave	1.004	1.061		10.6	10.0	5.6	30.0
Alpha Methyl Styrene	Ave	0.4381	0.4902		11.2	10.0	11.9	30.0
tert-Butylbenzene	Ave	0.9480	0.9665		10.2	10.0	1.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9739	1.045		10.7	10.0	7.3	30.0
sec-Butylbenzene	Ave	1.417	1.482		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Lab Sample ID: CCVIS 200-52936/2 Calibration Date: 03/12/2013 14:40

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: clic002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.187	1.243		10.5	10.0	4.7	30.0
1,3-Dichlorobenzene	Ave	0.6445	0.6545		10.2	10.0	1.5	30.0
1,4-Dichlorobenzene	Ave	0.6258	0.6407		10.2	10.0	2.4	30.0
Benzyl chloride	Ave	0.9105	0.9768		10.7	10.0	7.3	30.0
n-Butylbenzene	Ave	1.052	1.203		11.4	10.0	14.4	30.0
n-Undecane	Ave	0.4934	0.5578		11.3	10.0	13.1	30.0
1,2-Dichlorobenzene	Ave	0.6032	0.6177		10.2	10.0	2.4	30.0
n-Dodecane	Ave	0.3509	0.4658		13.3	10.0	32.8*	30.0
1,2,4-Trichlorobenzene	Ave	0.3513	0.3917		11.1	10.0	11.5	30.0
Hexachlorobutadiene	Ave	0.3778	0.4338		11.5	10.0	14.8	30.0
Naphthalene	Ave	0.7048	0.8553		12.1	10.0	21.3	30.0
1,2,3-Trichlorobenzene	Ave	0.2819	0.3506		12.4	10.0	24.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clicto15.b/clic002.d
Lab Smp Id: ccvis 464708
Inj Date : 12-MAR-2013 14:40
Operator : wrd Inst ID: C.i
Smp Info : ccvis 464708
Misc Info : 200,1, ccvis
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/to15v5.m
Meth Date : 13-Mar-2013 14:10 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	4.192	4.197	(0.351)	349086	10.0000	11
2	Dichlorodifluoromethane	85	4.283	4.288	(0.358)	1316234	10.0000	12
3	Chlorodifluoromethane	51	4.336	4.341	(0.363)	723642	10.0000	12
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	1269022	10.0000	11
5	Chloromethane	50	4.774	4.779	(0.399)	382174	10.0000	11
6	Butane	43	5.040	5.046	(0.422)	646492	10.0000	12
7	Vinyl chloride	62	5.072	5.083	(0.424)	428263	10.0000	11
8	1,3-Butadiene	54	5.168	5.179	(0.432)	316302	10.0000	11
9	Bromomethane	94	5.942	5.948	(0.497)	352658	10.0000	11
10	Chloroethane	64	6.209	6.214	(0.519)	200998	10.0000	11
11	2-Methylbutane	43	6.327	6.332	(0.529)	479202	10.0000	11
12	Vinyl bromide	106	6.647	6.652	(0.556)	361884	10.0000	11
13	Trichlorofluoromethane	101	6.780	6.785	(0.567)	1204092	10.0000	11
14	Pentane	43	6.946	6.951	(0.581)	743674	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	192914	15.0000	18
	16 Ethyl ether	59	7.485	7.490	(0.626)	267486	10.0000	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.944	(0.664)	775487	10.0000	11
	18 Acrolein	56	7.832	7.832	(0.655)	132504	10.0000	11
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	364339	10.0000	11
	20 Acetone	43	8.152	8.157	(0.682)	521318	10.0000	12
	21 Carbon disulfide	76	8.408	8.408	(0.703)	1156062	10.0000	11
	22 Isopropanol	45	8.456	8.461	(0.707)	422847	10.0000	13
	23 Allyl chloride	41	8.771	8.776	(0.734)	547835	10.0000	9.9(M)
	24 Acetonitrile	41	8.803	8.776	(0.736)	191669	10.0000	12(QM)
	25 Methylene chloride	49	9.054	9.059	(0.757)	433955	10.0000	11
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	614318	10.0000	13
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1058834	10.0000	11
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	615193	10.0000	11
	29 Acrylonitrile	53	9.603	9.609	(0.803)	262120	10.0000	11
	30 n-Hexane	57	9.993	9.998	(0.836)	662597	10.0000	11
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	770720	10.0000	11
	32 Vinyl acetate	43	10.479	10.479	(0.876)	887016	10.0000	11
M	33 1,2-Dichloroethene,Total	61				1030131	20.0000	21
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	414938	10.0000	11
	35 Ethyl acetate	88	11.599	11.594	(0.970)	30888	10.0000	11
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	181474	10.0000	11
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	326420	10.0000	
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	389008	10.0000	11
	39 Chloroform	83	12.074	12.074	(1.010)	919887	10.0000	11
	40 Cyclohexane	84	12.421	12.427	(0.901)	599514	10.0000	11
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	1025081	10.0000	11
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1057559	10.0000	11
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	2089165	10.0000	11
	44 Benzene	78	13.051	13.051	(0.947)	1301241	10.0000	9.8
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	635735	10.0000	11
	46 n-Heptane	43	13.419	13.419	(0.974)	758455	10.0000	11
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1905277	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	192902	10.0000	13
	49 Trichloroethene	95	14.241	14.241	(1.033)	618149	10.0000	10
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	487773	10.0000	11
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	400747	10.0000	11
	52 Dibromomethane	174	14.919	14.919	(1.082)	424005	10.0000	10
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	182208	10.0000	12
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1040621	10.0000	11
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	760377	10.0000	11
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	747743	10.0000	11
	57 n-Octane	43	16.680	16.680	(1.210)	1037724	10.0000	11
	58 Toluene	92	16.589	16.589	(0.860)	905302	10.0000	10
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	772313	10.0000	11
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	459010	10.0000	11
	61 Tetrachloroethene	166	17.630	17.630	(0.913)	695798	10.0000	10

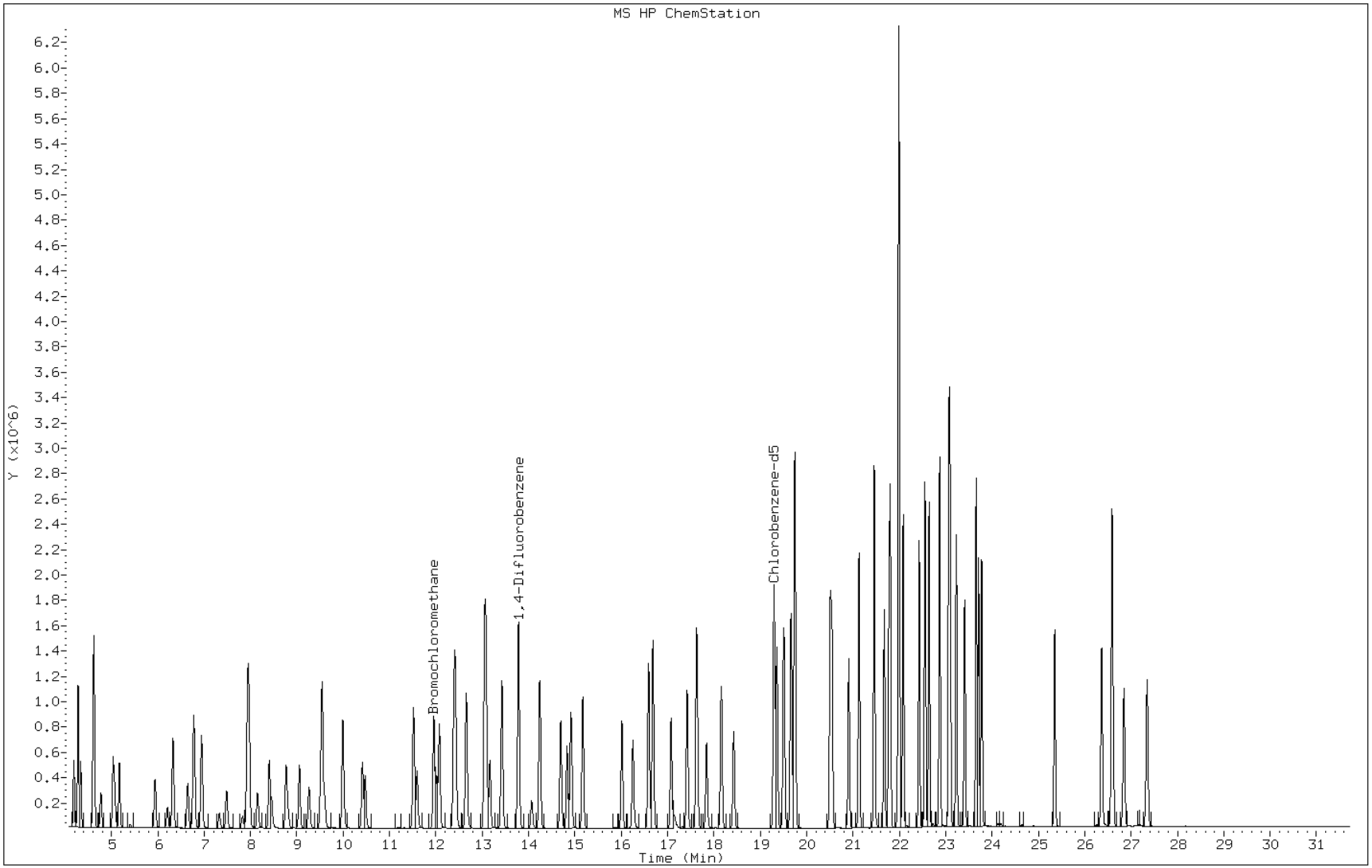
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	719730	10.0000	12
63	Dibromochloromethane	129	18.158	18.158	(0.941)	921856	10.0000	11
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	831437	10.0000	11
* 65	Chlorobenzene-d5	117	19.301	19.295	(1.000)	1720415	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	1194203	10.0000	10
67	n-Nonane	57	19.663	19.663	(1.019)	935617	10.0000	11
68	Ethylbenzene	91	19.509	19.509	(1.011)	1938044	10.0000	10
69	Xylene (m,p)	106	19.744	19.743	(1.023)	1416360	20.0000	20
M 70	Xylenes, Total	106				2115484	10.0000	31
71	Xylene (o)	106	20.512	20.512	(1.063)	699124	10.0000	10
72	Styrene	104	20.544	20.544	(1.064)	1061896	10.0000	11
73	Bromoform	173	20.907	20.907	(1.083)	811875	10.0000	11
74	Isopropylbenzene	105	21.131	21.131	(1.095)	2086244	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1121041	10.0000	11
76	n-Propylbenzene	91	21.804	21.804	(1.130)	2672180	10.0000	11
77	1,2,3-Trichloropropane	75	21.777	21.771	(1.128)	914562	10.0000	11
78	n-Decane	57	21.996	21.996	(1.140)	1120531	10.0000	11
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	2223767	10.0000	11
80	2-Chlorotoluene	91	21.990	21.990	(1.139)	2005157	10.0000	11
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	1824523	10.0000	11
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	843232	10.0000	11
83	tert-butylbenzene	119	22.556	22.556	(1.169)	1662396	10.0000	10
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	1796964	10.0000	11
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	2548918	10.0000	10
86	4-Isopropyltoluene	119	23.068	23.068	(1.195)	2138832	10.0000	10
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1125760	10.0000	10
88	1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	1102094	10.0000	10
89	Benzyl chloride	91	23.410	23.410	(1.213)	1680243	10.0000	11
90	Undecane	57	23.709	23.709	(1.228)	959433	10.0000	11
91	n-Butylbenzene	91	23.661	23.655	(1.226)	2069413	10.0000	11
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	1062542	10.0000	10
93	Dodecane	57	25.353	25.353	(1.314)	801234	10.0000	13
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	673774	10.0000	11
95	1,3-Hexachlorobutadiene	225	26.591	26.596	(1.378)	746219	10.0000	11
96	Naphthalene	128	26.847	26.847	(1.391)	1471195	10.0000	12
97	1,2,3-Trichlorobenzene	180	27.343	27.349	(1.417)	603087	10.0000	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: clic002.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 464708
Lab Sample ID: ccvis 464708

Date: 12-MAR-2013 14:40
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: clic002.d
Lab Sample ID: ccvis 464708
Inj. Date and Time: 12-MAR-2013 14:40
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/13/2013

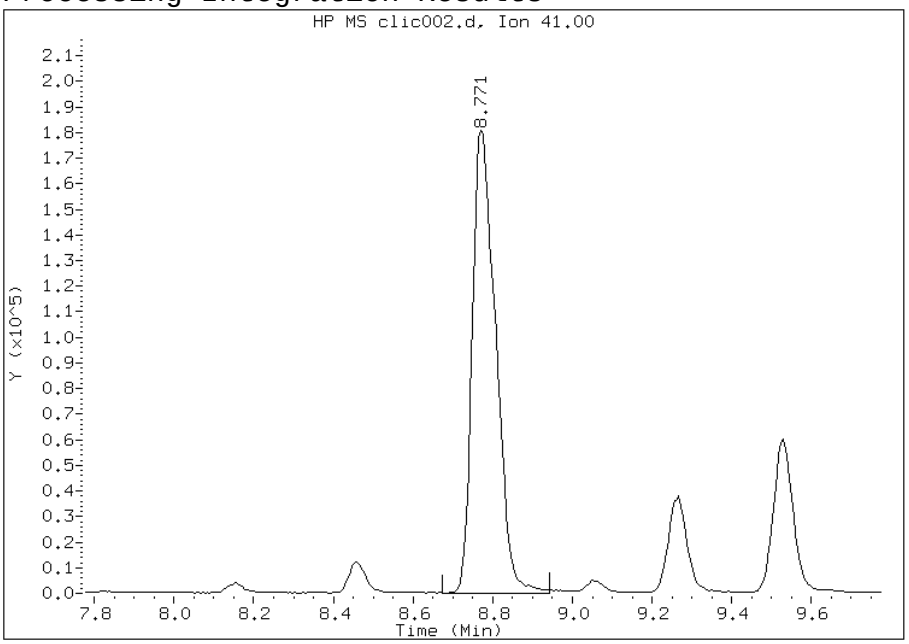
Processing Integration Results

RT: 8.77

Response: 740947

Amount: 13.46

Conc: 13.46



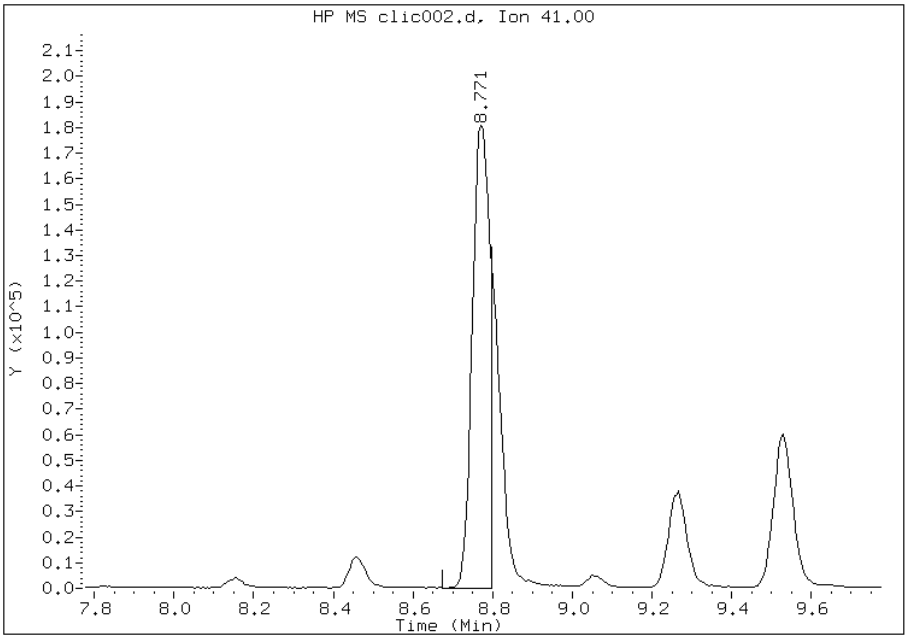
Manual Integration Results

RT: 8.77

Response: 547835

Amount: 9.95

Conc: 9.95



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clic002.d
Lab Sample ID: ccvis 464708
Inj. Date and Time: 12-MAR-2013 14:40
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/13/2013

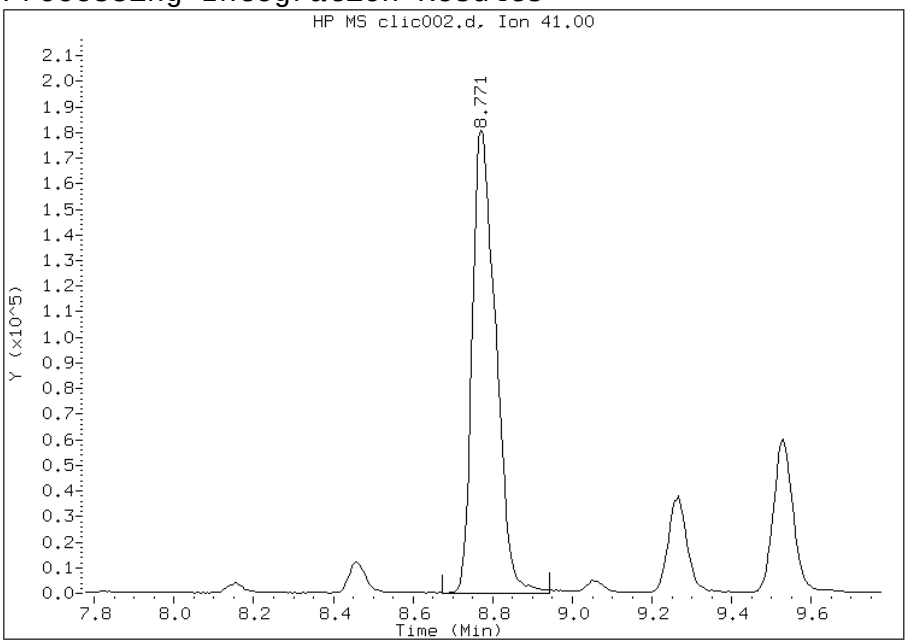
Processing Integration Results

RT: 8.77

Response: 740947

Amount: 46.13

Conc: 46.13



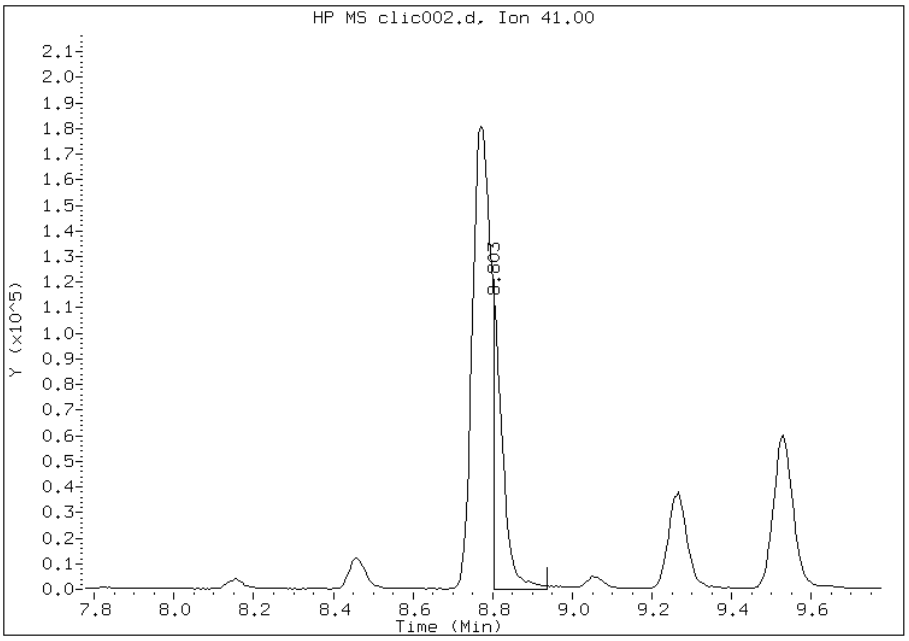
Manual Integration Results

RT: 8.80

Response: 191669

Amount: 11.93

Conc: 11.93



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/clito15.b/cli001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 09-MAR-2013 13:46
Operator : pad Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

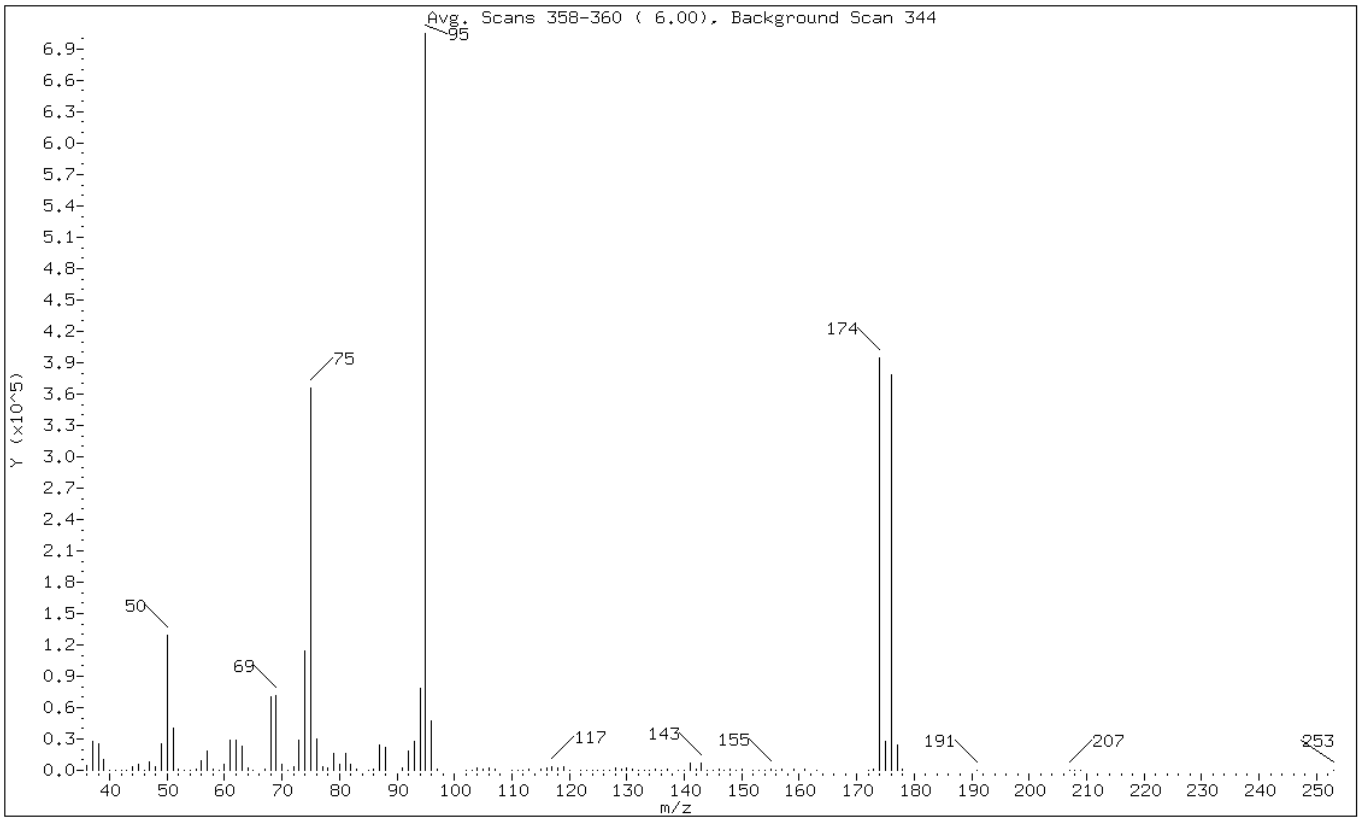
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.995	6.760	-0.765	95	704810			100.00- 100.00	100.00
5.995	6.760	-0.765	50	128940			8.00- 40.00	18.29
5.995	6.760	-0.765	75	365168			30.00- 66.00	51.81
5.995	6.760	-0.765	96	47163			5.00- 9.00	6.69
5.995	6.760	-0.765	173	722			0.00- 2.00	0.18
5.995	6.760	-0.765	174	394112			50.00- 120.00	55.92
5.995	6.760	-0.765	175	27597			4.00- 9.00	7.00
5.995	6.760	-0.765	176	378346			93.00- 101.00	96.00
5.995	6.760	-0.765	177	24768			5.00- 9.00	6.55

Data File:	cli001.d	Date:	09-MAR-2013 13:46
Client ID:	BFB	Instrument:	C.i
Operator:	pad	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	18.29
75	30.00 - 66.00% of mass 95	51.81
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.10 (0.18)
174	50.00 - 120.00% of mass 95	55.92
175	4.00 - 9.00% of mass 174	3.92 (7.00)
176	93.00 - 101.00% of mass 174	53.68 (96.00)
177	5.00 - 9.00% of mass 176	3.51 (6.55)

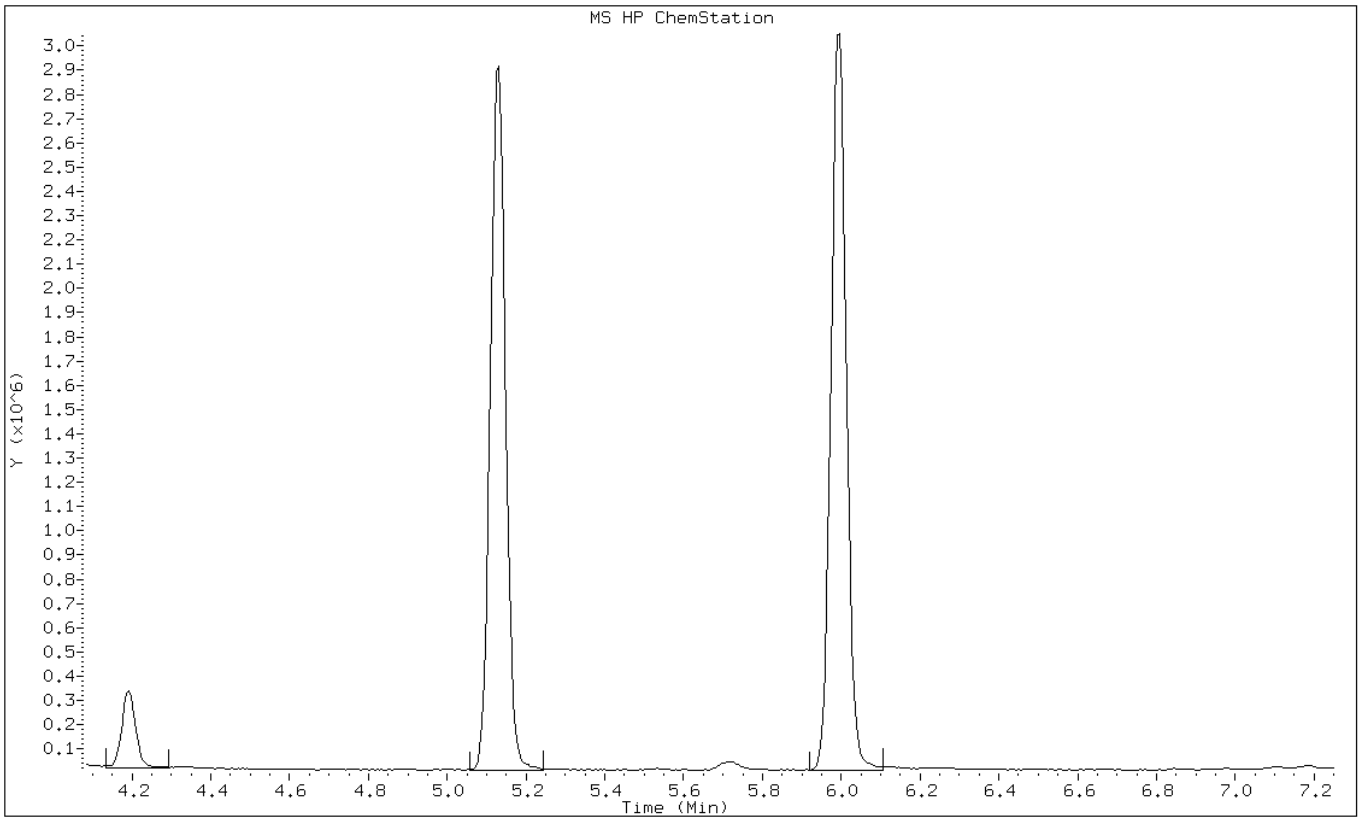
Data File: cli001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 09-MAR-2013 13:46
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/clito15.b/cli001.d
Spectrum: Avg. Scans 358-360 (6.00), Background Scan 344
Location of Maximum: 95.00
Number of points: 123

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4929	68.00	70288	106.00	2457	142.00	679
37.00	27448	69.00	71048	107.00	737	143.00	6718
38.00	25768	70.00	5721	110.00	394	144.00	371
39.00	10571	71.00	333	111.00	563	145.00	572
40.00	309	72.00	3394	112.00	369	146.00	816
41.00	61	73.00	28264	113.00	589	147.00	435
42.00	35	74.00	114624	115.00	718	148.00	1351
43.00	342	75.00	365120	116.00	2088	149.00	472
44.00	2934	76.00	30312	117.00	3892	150.00	703
45.00	5381	77.00	3509	118.00	2276	152.00	343
46.00	396	78.00	2482	119.00	3170	153.00	399
47.00	8392	79.00	15993	120.00	150	154.00	382
48.00	3285	80.00	6310	122.00	97	155.00	1404
49.00	24864	81.00	16289	123.00	92	156.00	219
50.00	128936	82.00	5206	124.00	407	157.00	922
51.00	39864	83.00	1079	125.00	282	159.00	740
52.00	1707	85.00	477	126.00	261	161.00	720
53.00	153	86.00	608	127.00	238	163.00	68
54.00	253	87.00	24256	128.00	2192	172.00	74
55.00	1314	88.00	22408	129.00	1066	173.00	722
56.00	9074	91.00	1896	130.00	2172	174.00	394112
57.00	17920	92.00	18728	131.00	900	175.00	27592
58.00	791	93.00	27976	132.00	94	176.00	378304
59.00	152	94.00	78056	133.00	84	177.00	24768
60.00	5447	95.00	704768	134.00	74	178.00	718
61.00	29160	96.00	47160	135.00	1069	191.00	354
62.00	29032	97.00	1466	136.00	175	207.00	467
63.00	22504	102.00	72	137.00	1010	208.00	156
64.00	2311	103.00	425	139.00	218	209.00	111
65.00	283	104.00	2706	140.00	448	253.00	66
67.00	1455	105.00	974	141.00	6364		

Data File:	cli001.d	Date:	09-MAR-2013 13:46
Client ID:	BFB	Instrument:	C.i
Operator:	pad	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/clicto15.b/clic001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-MAR-2013 13:49
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

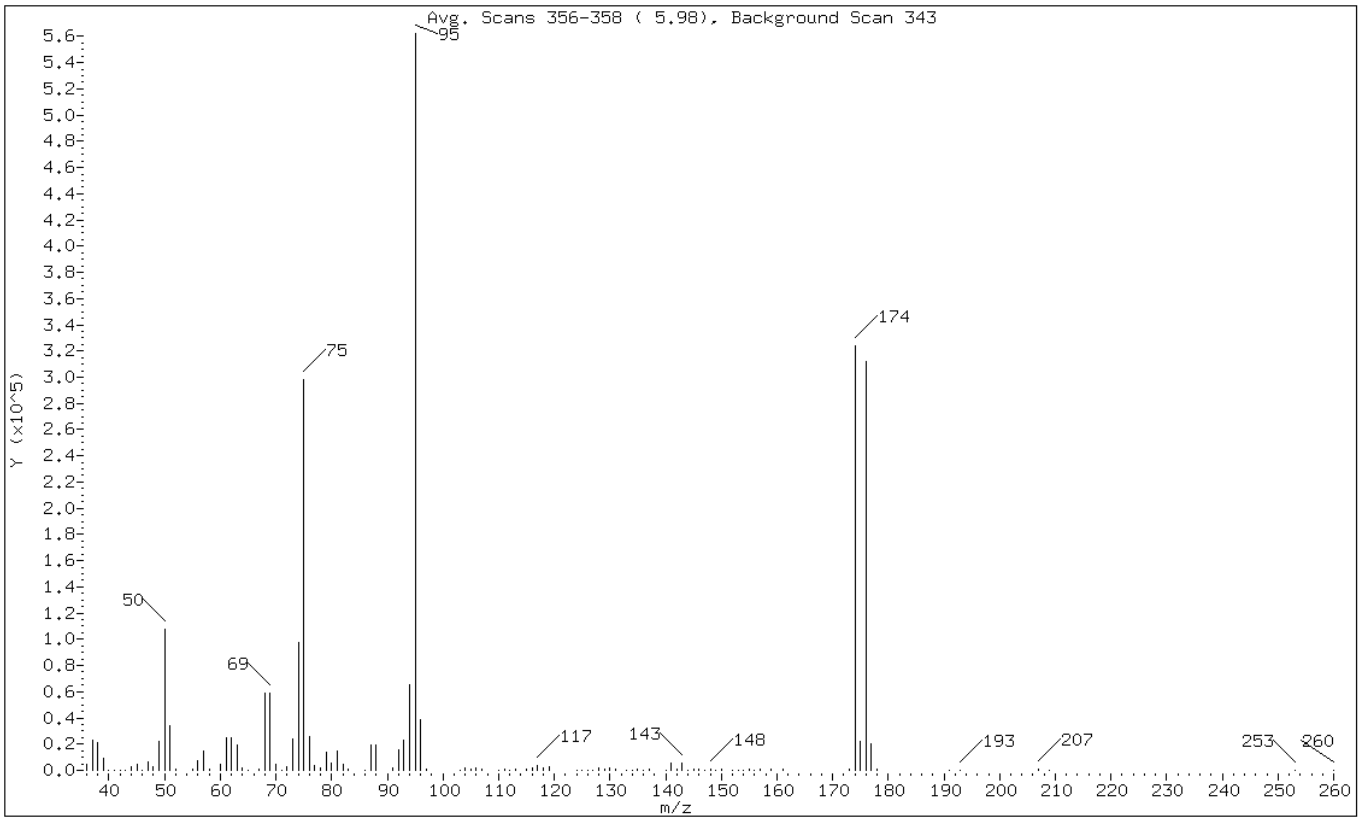
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.985	6.760	-0.775	95	562282			100.00- 100.00	100.00
5.985	6.760	-0.775	50	107677			8.00- 40.00	19.15
5.985	6.760	-0.775	75	298432			30.00- 66.00	53.08
5.985	6.760	-0.775	96	38847			5.00- 9.00	6.91
5.985	6.760	-0.775	173	536			0.00- 2.00	0.17
5.985	6.760	-0.775	174	323669			50.00- 120.00	57.56
5.985	6.760	-0.775	175	22533			4.00- 9.00	6.96
5.985	6.760	-0.775	176	312085			93.00- 101.00	96.42
5.985	6.760	-0.775	177	20496			5.00- 9.00	6.57

Data File: clic001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 12-MAR-2013 13:49
Instrument: C.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	19.15
75	30.00 - 66.00% of mass 95	53.08
96	5.00 - 9.00% of mass 95	6.91
173	Less than 2.00% of mass 174	0.10 (0.17)
174	50.00 - 120.00% of mass 95	57.56
175	4.00 - 9.00% of mass 174	4.01 (6.96)
176	93.00 - 101.00% of mass 174	55.50 (96.42)
177	5.00 - 9.00% of mass 176	3.65 (6.57)

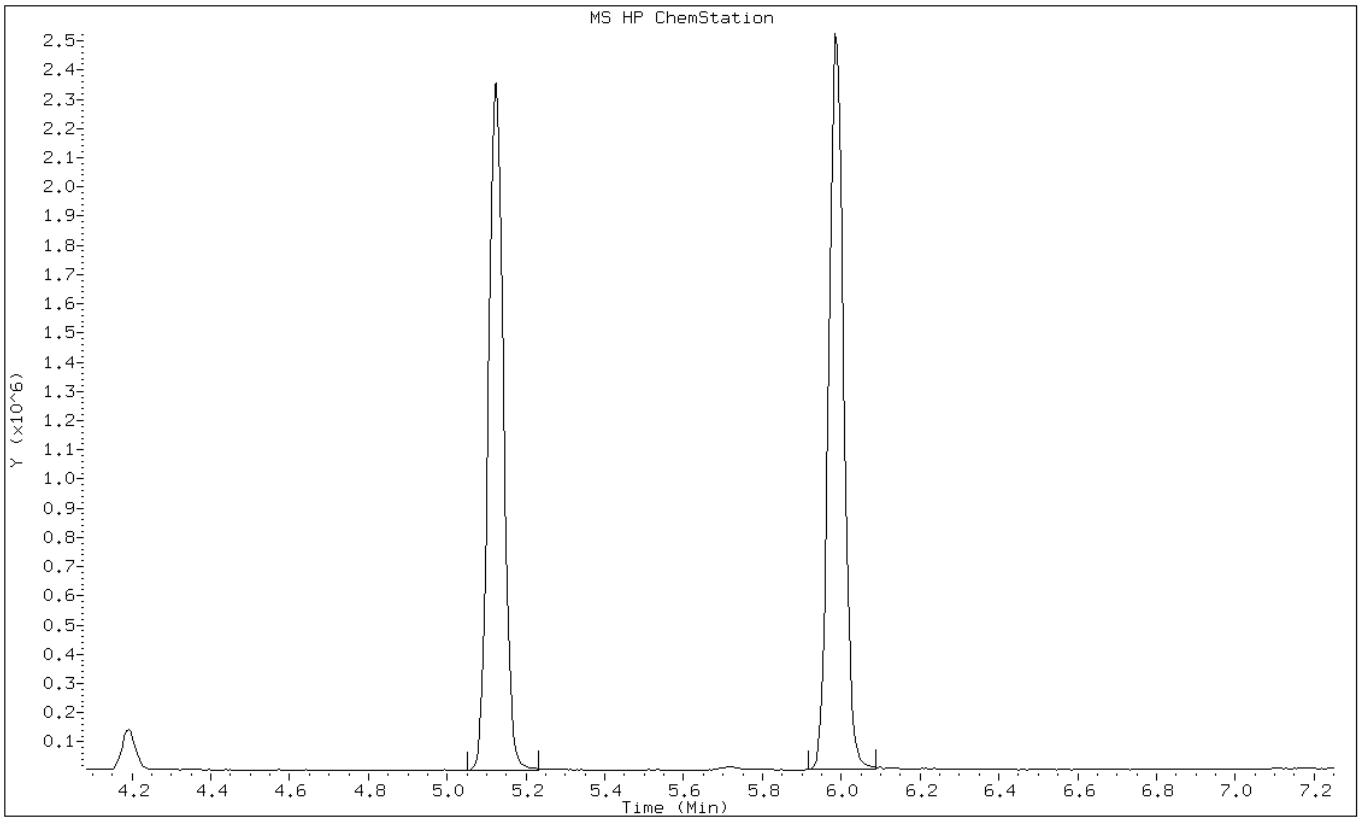
Data File: clic001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-MAR-2013 13:49
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/clicto15.b/clic001.d
Spectrum: Avg. Scans 356-358 (5.98), Background Scan 343
Location of Maximum: 95.00
Number of points: 112

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4475	69.00	59048	107.00	560	146.00	579
37.00	23464	70.00	4722	110.00	328	147.00	397
38.00	21608	71.00	78	111.00	477	148.00	1060
39.00	8999	72.00	2738	112.00	317	149.00	327
40.00	332	73.00	24168	113.00	496	150.00	498
41.00	343	74.00	97104	115.00	629	152.00	68
42.00	71	75.00	298432	116.00	1855	153.00	411
43.00	267	76.00	25584	117.00	3294	154.00	277
44.00	2608	77.00	3254	118.00	1863	155.00	1059
45.00	4841	78.00	1752	119.00	2679	156.00	125
46.00	353	79.00	14122	124.00	280	157.00	874
47.00	6696	80.00	5471	125.00	79	159.00	674
48.00	2759	81.00	14777	126.00	291	161.00	594
49.00	21824	82.00	4589	127.00	157	173.00	536
50.00	107672	83.00	497	128.00	1799	174.00	323648
51.00	33864	86.00	444	129.00	925	175.00	22528
52.00	1354	87.00	19384	130.00	1891	176.00	312064
55.00	1195	88.00	18880	131.00	778	177.00	20496
56.00	7690	91.00	1942	133.00	71	178.00	646
57.00	14811	92.00	15640	134.00	78	191.00	59
58.00	633	93.00	23368	135.00	1115	193.00	178
60.00	4681	94.00	65128	136.00	178	207.00	544
61.00	24800	95.00	562240	137.00	1042	209.00	71
62.00	24880	96.00	38840	140.00	304	253.00	156
63.00	19296	97.00	1334	141.00	5806	260.00	69
64.00	1847	103.00	310	142.00	660		
65.00	263	104.00	2215	143.00	5949		
67.00	1213	105.00	700	144.00	416		
68.00	58792	106.00	2213	145.00	614		

Data File:	clic001.d	Date:	12-MAR-2013 13:49
Client ID:	BFB	Instrument:	C.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52936/6

Matrix: Air Lab File ID: clic006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 18:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.080	U	0.50	0.020
75-45-6	Freon 22	86.47	0.080	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.0688	J	0.50	0.034
106-97-8	n-Butane	58.12	0.167	J	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.021
76-13-1	Freon TF	187.38	0.080	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	0.406	J	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.20	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.121	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.080	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52936/6

Matrix: Air Lab File ID: clic006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 18:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.040	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52936/6

Matrix: Air Lab File ID: clic006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 18:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52936/6

Matrix: Air Lab File ID: clic006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 18:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.40	U	2.5	0.099
75-45-6	Freon 22	86.47	0.28	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.142	J	1.0	0.070
106-97-8	n-Butane	58.12	0.398	J	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.12
76-13-1	Freon TF	187.38	0.61	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	0.965	J	12	0.95
67-63-0	Isopropyl alcohol	60.10	0.49	U	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.421	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	0.24	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52936/6

Matrix: Air Lab File ID: clic006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 18:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.15	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52936/6

Matrix: Air Lab File ID: clic006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 18:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clicto15.b/clic006.d
Lab Smp Id: mb
Inj Date : 12-MAR-2013 18:12
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/to15v5.m
Meth Date : 13-Mar-2013 14:10 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.192	4.197	(0.351)	4667	0.15898	0.16(aQ)
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	4.779	4.779	(0.400)	2222	0.06882	0.069(a)
6	Butane	43	5.040	5.046	(0.422)	8947	0.16732	0.17(a)
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

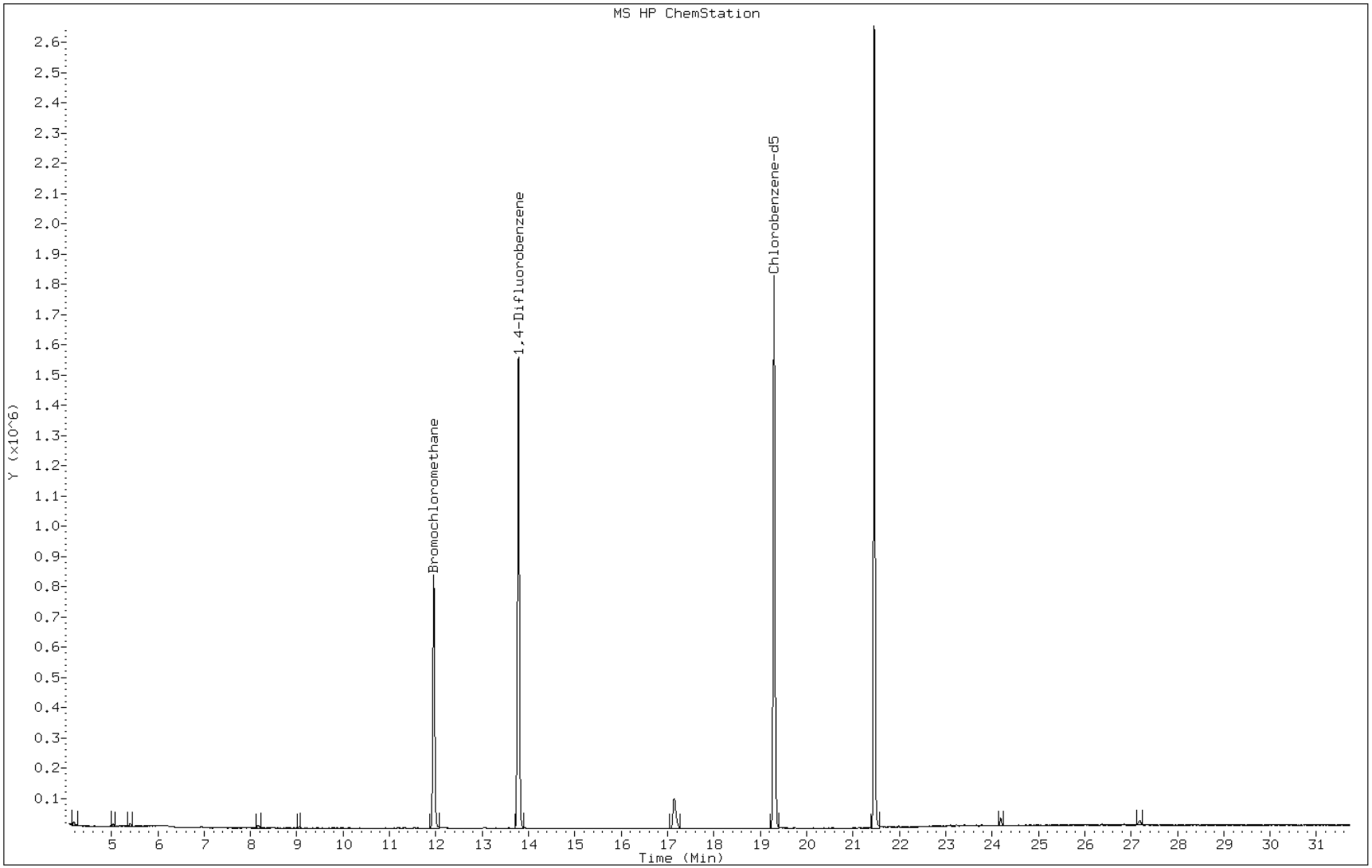
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	8.168	8.157	(0.683)	17335	0.40630	0.41(a)
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	9.054	9.059	(0.758)	4634	0.12124	0.12(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
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	11.952	11.957	(1.000)	313749	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	13.782	13.782	(1.000)	1843853	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	19.301	19.295	(1.000)	1659995	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	clic006.d	Date:	12-MAR-2013 18:12
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



Data File: clic006.d

Lab Sample ID: mb

Client ID:

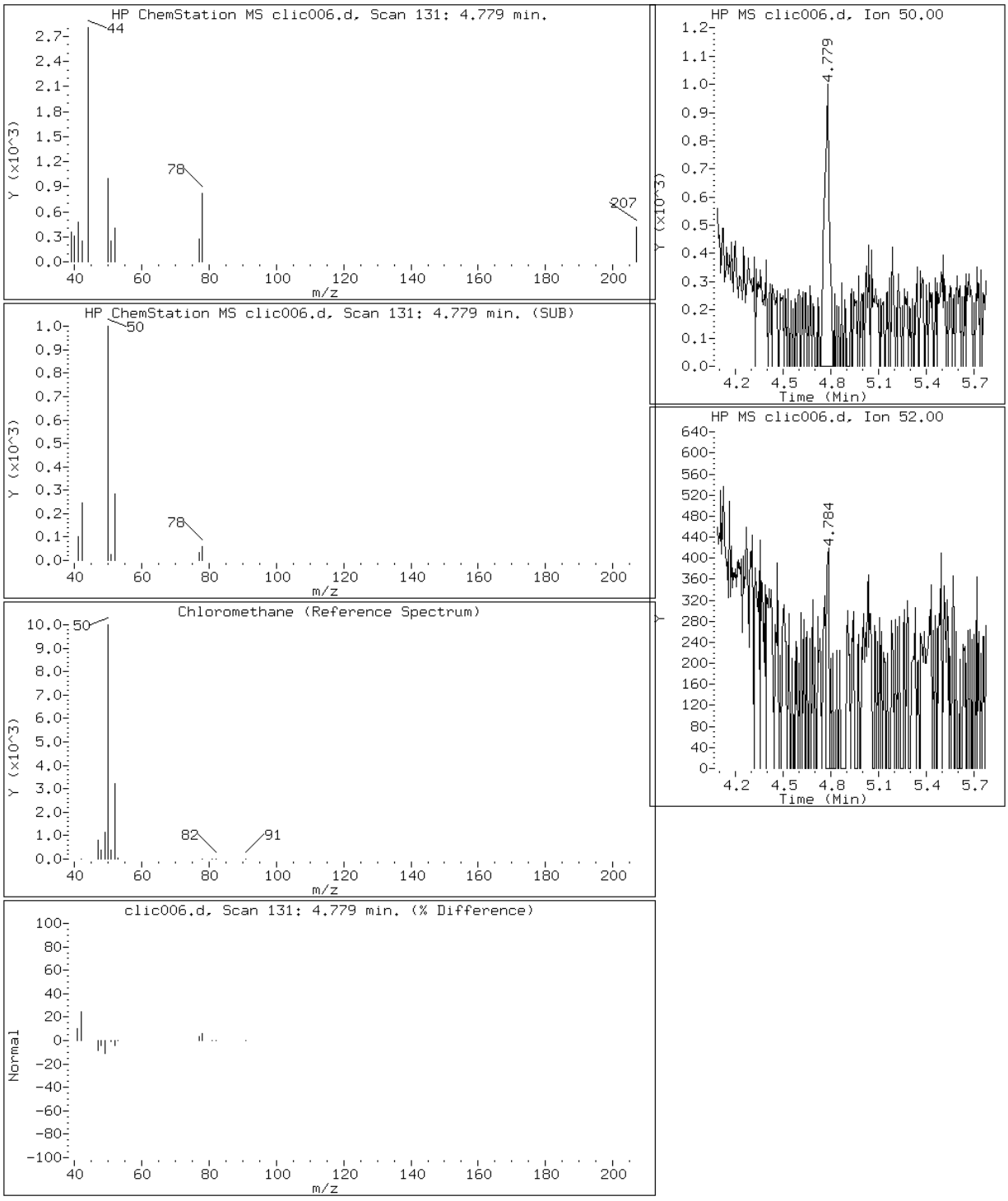
Sample Info: mb

Date: 12-MAR-2013 18:12

Instrument: C.i

Operator: wrd

5 Chloromethane



Data File: clic006.d

Lab Sample ID: mb

Date: 12-MAR-2013 18:12

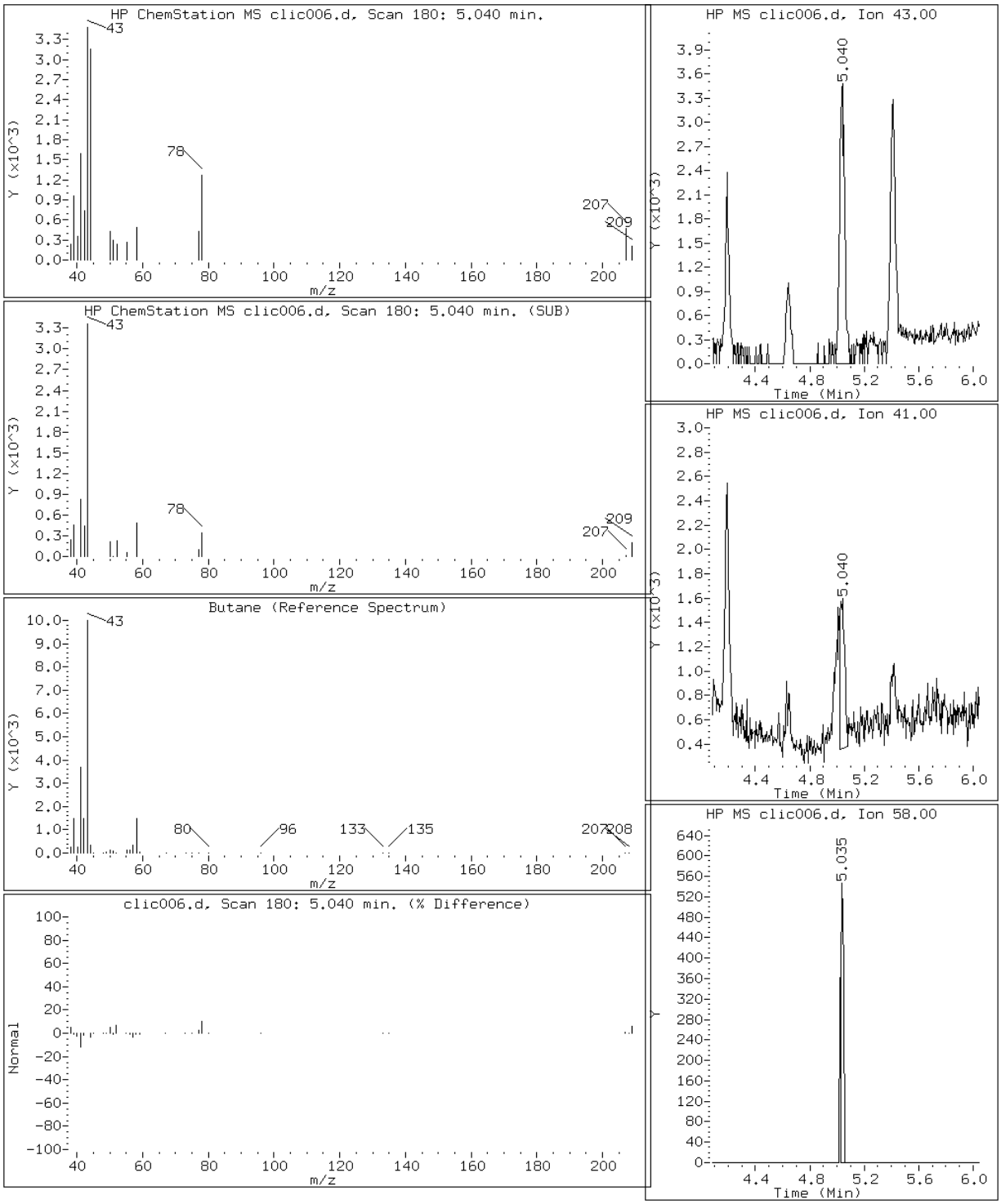
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

6 Butane



Data File: clic006.d

Lab Sample ID: mb

Date: 12-MAR-2013 18:12

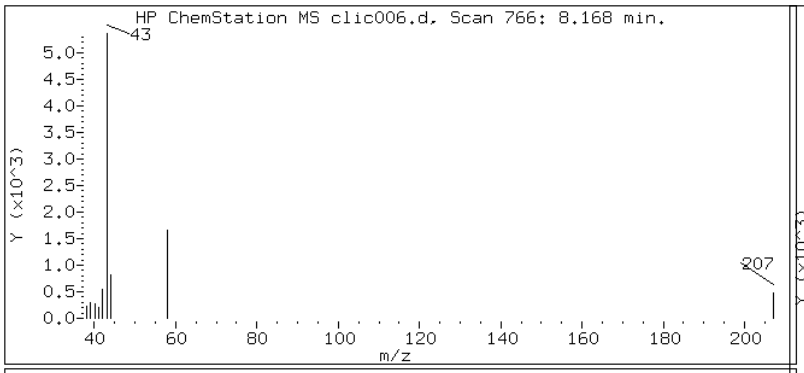
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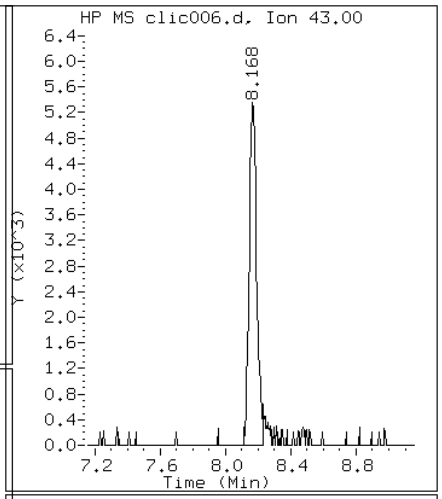
Instrument: C.i

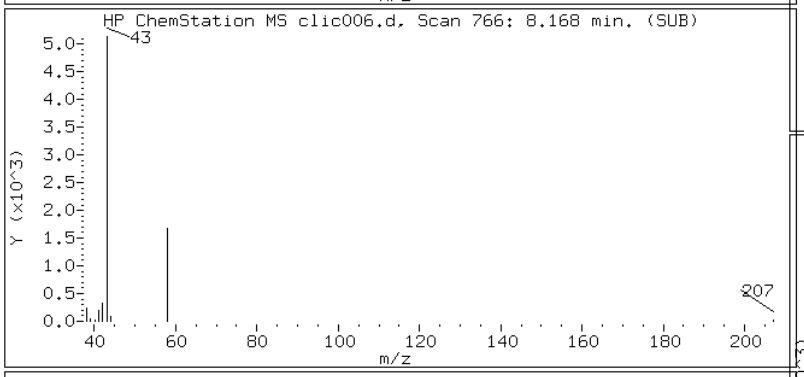
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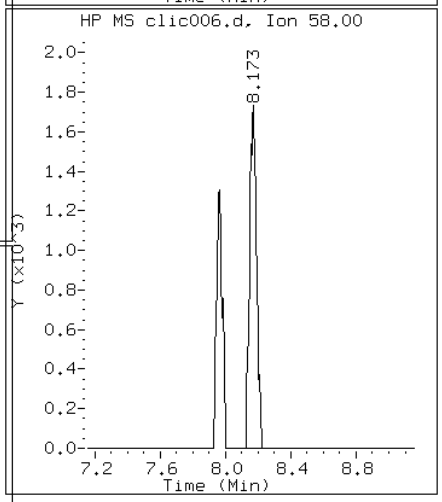
Operator: wrd

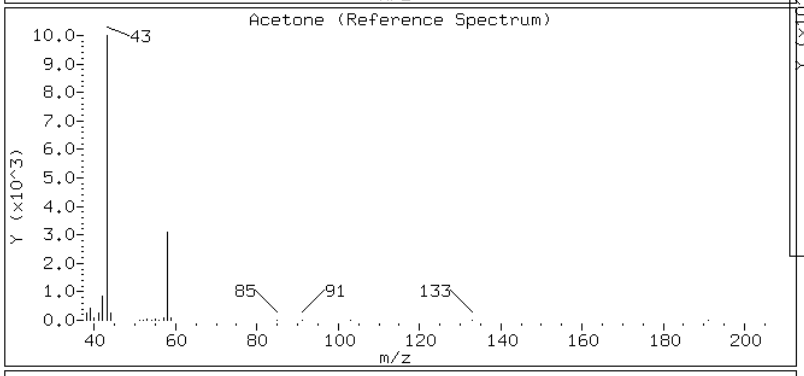
20 Acetone

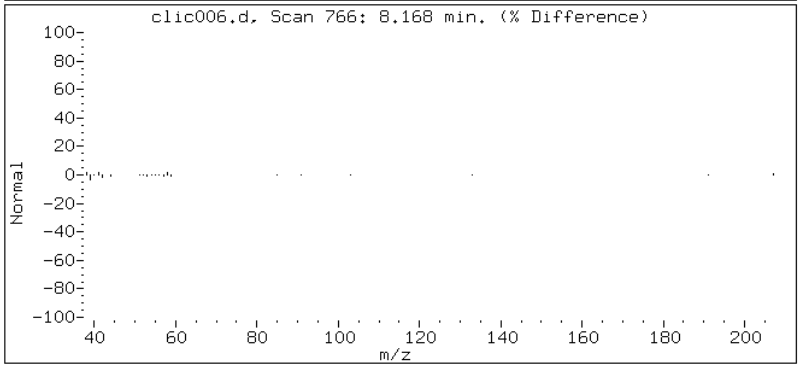












Data File: clic006.d

Lab Sample ID: mb

Date: 12-MAR-2013 18:12

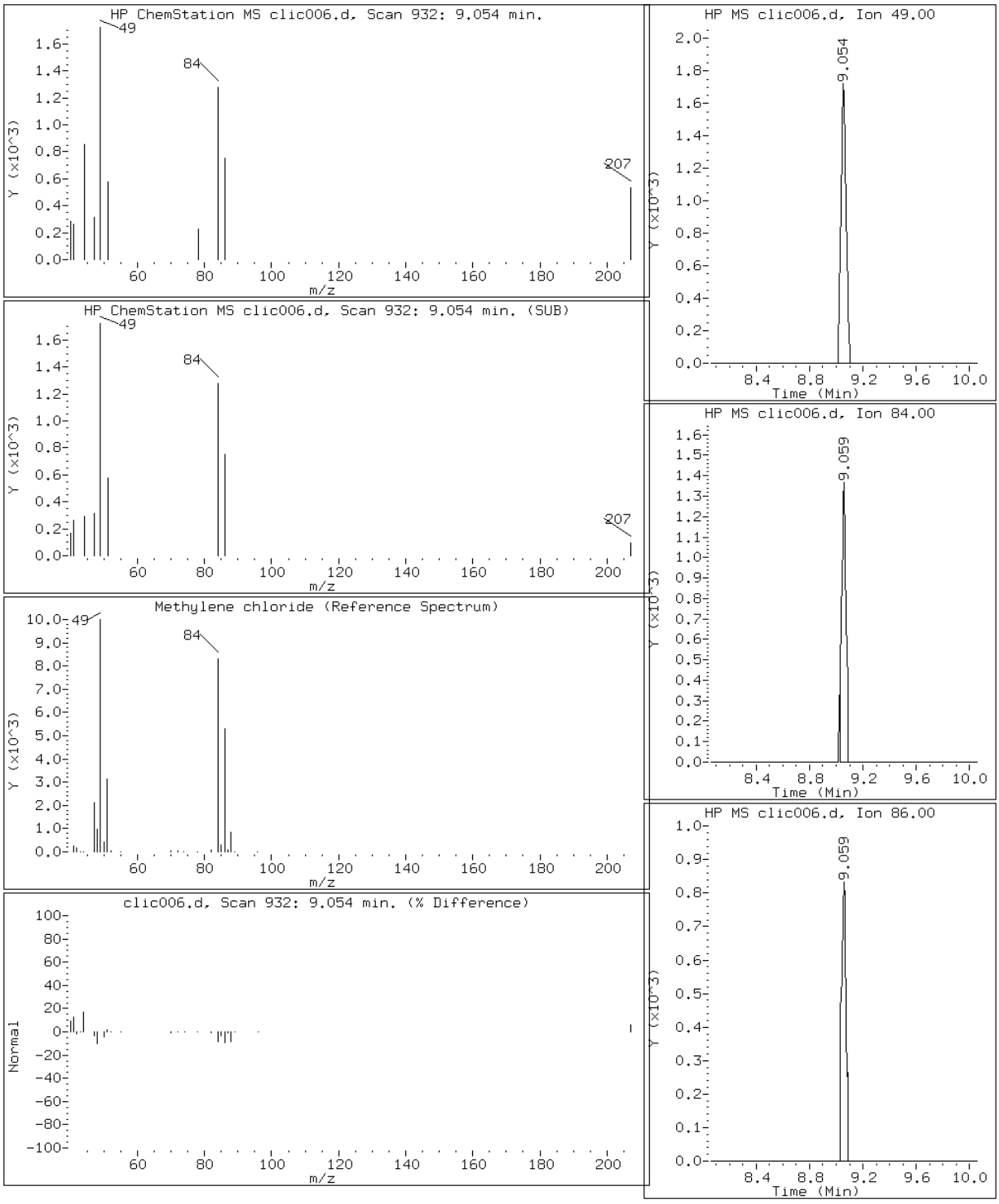
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

25 Methylene chloride



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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-52936/5

Matrix: Air Lab File ID: clic005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 17:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	11.0		0.50	0.020
75-45-6	Freon 22	86.47	11.1		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.8		0.20	0.020
74-87-3	Chloromethane	50.49	11.0		0.50	0.034
106-97-8	n-Butane	58.12	11.0		0.50	0.022
75-01-4	Vinyl chloride	62.50	10.2		0.20	0.0091
106-99-0	1,3-Butadiene	54.09	10.9		0.20	0.025
74-83-9	Bromomethane	94.94	9.92		0.20	0.027
75-00-3	Chloroethane	64.52	10.5		0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.4		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	10.5		0.20	0.021
76-13-1	Freon TF	187.38	11.4		0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	11.5		0.20	0.086
67-64-1	Acetone	58.08	10.9		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	11.1		5.0	0.076
75-15-0	Carbon disulfide	76.14	10.8		0.50	0.020
107-05-1	3-Chloropropene	76.53	9.87	M	0.50	0.047
75-09-2	Methylene Chloride	84.93	11.3		0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	11.3		5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	10.2		0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	10.7		0.20	0.023
110-54-3	n-Hexane	86.17	10.6		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	10.6		0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	10.3		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	10.7		0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	21.4		0.20	0.023
67-66-3	Chloroform	119.38	10.6		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	11.0		5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	10.5		0.20	0.020
110-82-7	Cyclohexane	84.16	10.5		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	10.1		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	10.8		0.20	0.015
71-43-2	Benzene	78.11	9.67		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	10.6		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-52936/5

Matrix: Air Lab File ID: clic005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 17:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	10.7		0.20	0.017
79-01-6	Trichloroethene	131.39	9.93		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	10.3		0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	10.2		0.20	0.023
123-91-1	1,4-Dioxane	88.11	9.42		5.0	0.070
75-27-4	Bromodichloromethane	163.83	11.0		0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	10.2		0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	10.6		0.50	0.034
108-88-3	Toluene	92.14	9.56		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	9.78		0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	9.58		0.20	0.016
127-18-4	Tetrachloroethene	165.83	9.58		0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.9		0.50	0.040
124-48-1	Dibromochloromethane	208.29	10.7		0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	9.78		0.20	0.014
108-90-7	Chlorobenzene	112.30	9.38		0.20	0.013
100-41-4	Ethylbenzene	106.17	9.72		0.20	0.015
179601-23-1	m,p-Xylene	106.17	18.8		0.50	0.022
95-47-6	Xylene, o-	106.17	9.51		0.20	0.016
1330-20-7	Xylene (total)	106.17	28.3		0.20	0.016
100-42-5	Styrene	104.15	9.95		0.20	0.011
75-25-2	Bromoform	252.75	10.4		0.20	0.0072
98-82-8	Cumene	120.19	9.89		0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.54		0.20	0.011
103-65-1	n-Propylbenzene	120.19	10.3		0.20	0.013
622-96-8	4-Ethyltoluene	120.20	10.5		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	9.72		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	10.5		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	9.62		0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	9.66		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	9.87		0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	9.83		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	8.97		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	9.06		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-52936/5

Matrix: Air Lab File ID: clic005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/12/2013 17:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52936 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	10.2		0.20	0.022
104-51-8	n-Butylbenzene	134.22	10.7		0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	8.77		0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	8.65		0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	9.22		0.20	0.029
91-20-3	Naphthalene	128.17	9.72		0.50	0.038

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clicto15.b/clic005.d
Lab Smp Id: lcs 463802
Inj Date : 12-MAR-2013 17:19
Operator : wrd Inst ID: C.i
Smp Info : lcs 463802
Misc Info : 200,1, lcs
Comment :
Method : /chem/C.i/Csvr.p/clicto15.b/to15v5.m
Meth Date : 13-Mar-2013 14:10 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.186	4.197	(0.350)	322434	10.1444	10
2	Dichlorodifluoromethane	85	4.277	4.288	(0.358)	1274074	10.9780	11
3	Chlorodifluoromethane	51	4.331	4.341	(0.362)	696901	11.1307	11
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.613	4.624	(0.386)	1264453	10.8302	11
5	Chloromethane	50	4.773	4.779	(0.399)	384630	11.0029	11
6	Butane	43	5.035	5.046	(0.421)	634402	10.9576	11
7	Vinyl chloride	62	5.072	5.083	(0.424)	429139	10.2388	10
8	1,3-Butadiene	54	5.168	5.179	(0.432)	327546	10.9405	11
9	Bromomethane	94	5.942	5.948	(0.497)	343912	9.92258	9.9
10	Chloroethane	64	6.204	6.214	(0.519)	195925	10.5027	11
11	2-Methylbutane	43	6.321	6.332	(0.529)	476061	10.5617	11
12	Vinyl bromide	106	6.641	6.652	(0.555)	366846	10.4418	10
13	Trichlorofluoromethane	101	6.775	6.785	(0.567)	1200363	10.5066	11
14	Pentane	43	6.946	6.951	(0.581)	728447	10.6003	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.325	7.330	(0.613)	192583	17.3184	17
	16 Ethyl ether	59	7.485	7.490	(0.626)	254087	9.79350	9.8
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.944	(0.664)	851482	11.4177	11
	18 Acrolein	56	7.826	7.832	(0.655)	115164	9.06403	9.1
	19 1,1-Dichloroethene	96	7.965	7.976	(0.666)	410359	11.5490	12
	20 Acetone	43	8.152	8.157	(0.682)	502942	10.8873	11
	21 Carbon disulfide	76	8.403	8.408	(0.703)	1189277	10.8412	11
	22 Isopropanol	45	8.456	8.461	(0.707)	374055	11.0711	11
	23 Allyl chloride	41	8.765	8.776	(0.733)	565718	9.87154	9.9(M)
	24 Acetonitrile	41	8.792	8.776	(0.735)	252766	15.1210	15(QRM)
	25 Methylene chloride	49	9.054	9.059	(0.757)	467350	11.2928	11
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	552253	11.2901	11
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1057755	10.2364	10
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	626566	10.6935	11
	29 Acrylonitrile	53	9.603	9.609	(0.803)	259752	10.2613	10
	30 n-Hexane	57	9.993	9.998	(0.836)	680425	10.6157	11
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	785332	10.6013	11
	32 Vinyl acetate	43	10.479	10.479	(0.876)	870202	10.6067	11
M	33 1,2-Dichloroethene,Total	61				1063926	21.3779	21
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	437360	10.6843	11
	35 Ethyl acetate	88	11.594	11.594	(0.970)	32075	10.6062	11
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	179957	10.2627	10
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	339706	10.0000	
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	388439	10.9957	11
	39 Chloroform	83	12.074	12.074	(1.010)	932196	10.5727	11
	40 Cyclohexane	84	12.421	12.427	(0.901)	612854	10.5045	11
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	1032635	10.5405	11
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1048748	10.0928	10
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	2143173	10.7976	11
	44 Benzene	78	13.051	13.051	(0.947)	1325938	9.67078	9.7
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	632761	10.5668	11
	46 n-Heptane	43	13.419	13.419	(0.974)	769616	10.6536	11
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1973586	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	173268	11.0497	11
	49 Trichloroethene	95	14.241	14.241	(1.033)	623402	9.92547	9.9
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	474658	10.1908	10
	51 Methyl methacrylate	69	14.834	14.828	(1.076)	396043	10.3011	10
	52 Dibromomethane	174	14.919	14.919	(1.082)	418239	9.77211	9.8
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	146628	9.41798	9.4
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1063590	10.9616	11
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	733422	10.1660	10
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	722182	10.5929	11
	57 n-Octane	43	16.680	16.680	(1.210)	1033787	10.6885	11
	58 Toluene	92	16.589	16.589	(0.860)	875958	9.56159	9.6
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	742208	9.78349	9.8
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	425539	9.57984	9.6
	61 Tetrachloroethene	166	17.630	17.630	(0.913)	667125	9.58406	9.6

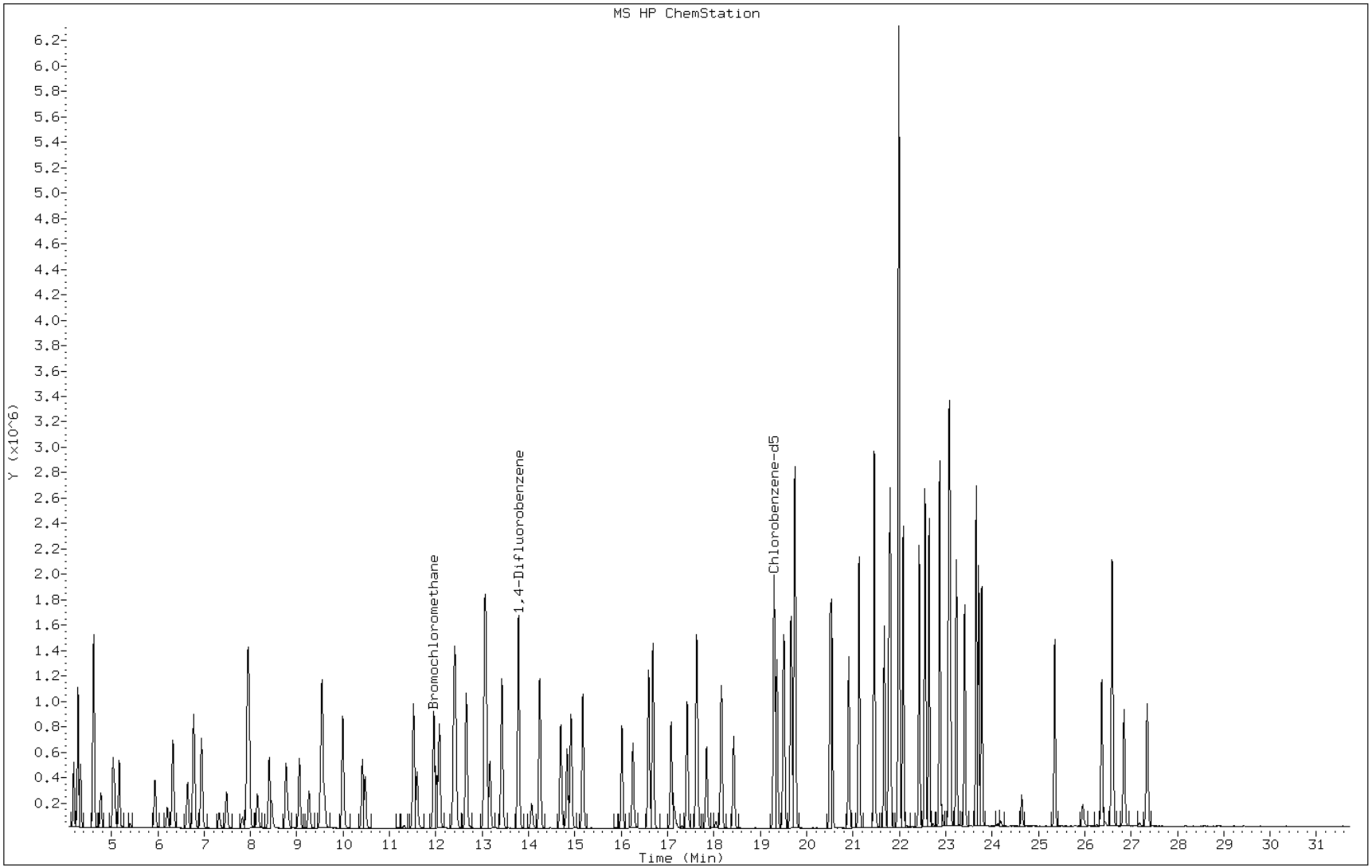
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	17.838	17.838	(0.924)	689724	10.8781	11
	63 Dibromochloromethane	129	18.158	18.158	(0.941)	925487	10.6766	11
	64 1,2-Dibromoethane	107	18.425	18.425	(0.955)	781065	9.78001	9.8
*	65 Chlorobenzene-d5	117	19.301	19.295	(1.000)	1782919	10.0000	
	66 Chlorobenzene	112	19.359	19.354	(1.003)	1120249	9.38050	9.4
	67 n-Nonane	57	19.663	19.663	(1.019)	934033	10.4118	10
	68 Ethylbenzene	91	19.509	19.509	(1.011)	1868369	9.72063	9.7
	69 Xylene (m,p)	106	19.744	19.743	(1.023)	1356291	18.7600	19
M	70 Xylenes, Total	106				2020663	28.2685	28
	71 Xylene (o)	106	20.512	20.512	(1.063)	664372	9.50852	9.5
	72 Styrene	104	20.544	20.544	(1.064)	1013624	9.95129	10
	73 Bromoform	173	20.907	20.907	(1.083)	801298	10.3919	10
	74 Isopropylbenzene	105	21.131	21.131	(1.095)	2053214	9.88774	9.9
	75 1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1045244	9.54296	9.5
	76 n-Propylbenzene	91	21.804	21.804	(1.130)	2624684	10.3166	10
	77 1,2,3-Trichloropropane	75	21.777	21.771	(1.128)	878516	10.0282	10
	78 n-Decane	57	22.001	21.996	(1.140)	1099064	10.7936	11
	79 4-Ethyltoluene	105	21.985	21.980	(1.139)	2200164	10.5475	11
	80 2-Chlorotoluene	91	21.990	21.990	(1.139)	1982279	10.4909	10
	81 1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	1740326	9.72044	9.7
	82 Alpha Methyl Styrene	118	22.428	22.428	(1.162)	816580	10.4540	10
	83 tert-butylbenzene	119	22.556	22.556	(1.169)	1626020	9.61987	9.6
	84 1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	1677515	9.66073	9.7
	85 sec-Butylbenzene	105	22.871	22.871	(1.185)	2493440	9.86827	9.9
	86 4-Isopropyltoluene	119	23.068	23.068	(1.195)	2080990	9.83211	9.8
	87 1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1030286	8.96586	9.0
	88 1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	1011370	9.06460	9.1
	89 Benzyl chloride	91	23.410	23.410	(1.213)	1649753	10.1628	10
	90 Undecane	57	23.709	23.709	(1.228)	937369	10.6560	11
	91 n-Butylbenzene	91	23.661	23.655	(1.226)	2000312	10.6650	11
	92 1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	943651	8.77410	8.8
	93 Dodecane	57	25.353	25.353	(1.314)	754837	12.0670	12
	94 1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	542031	8.65418	8.7
	95 1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	621241	9.22259	9.2
	96 Naphthalene	128	26.847	26.847	(1.391)	1221340	9.71877	9.7
	97 1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	495449	9.85670	9.9

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: clic005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 463802
Lab Sample ID: lcs 463802

Date: 12-MAR-2013 17:19
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: clic005.d
Lab Sample ID: lcs 463802
Inj. Date and Time: 12-MAR-2013 17:19
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/13/2013

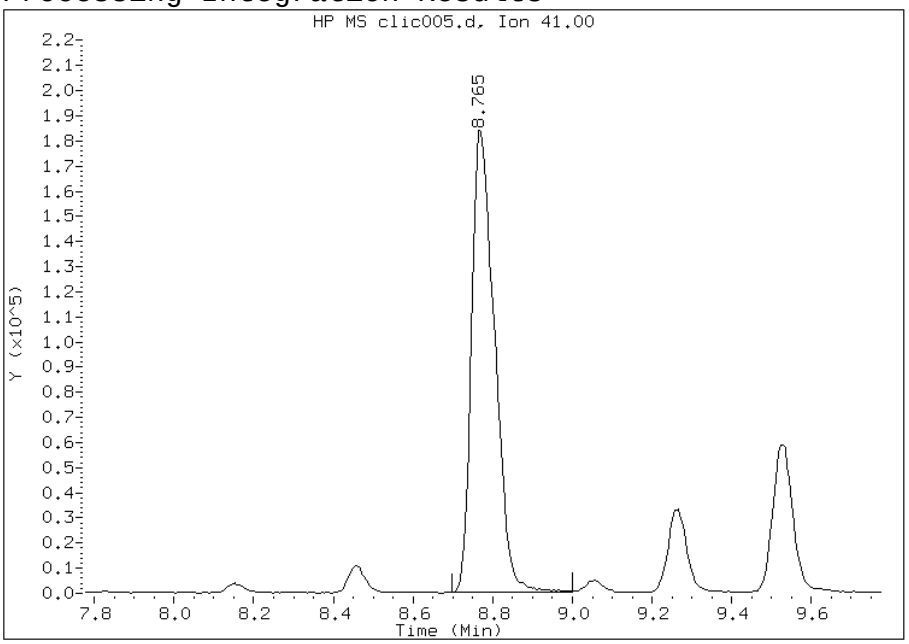
Processing Integration Results

RT: 8.77

Response: 742788

Amount: 12.96

Conc: 12.96



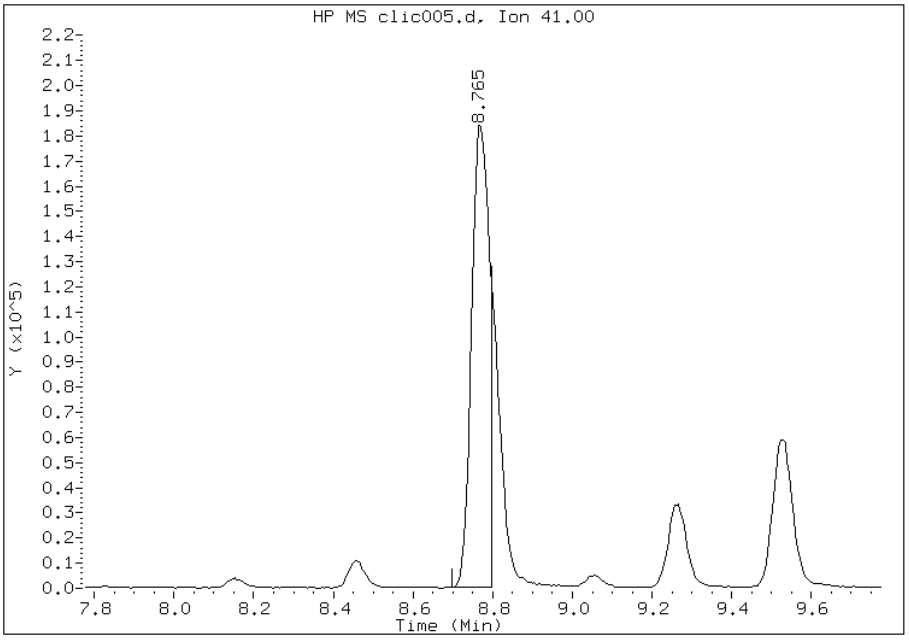
Manual Integration Results

RT: 8.77

Response: 565718

Amount: 9.87

Conc: 9.87



File Uploaded By: wrd
Manual Integration Reason: Baseline event

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Instrument ID: C.i Start Date: 03/09/2013 13:46

Analysis Batch Number: 52836 End Date: 03/10/2013 01:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52836/1		03/09/2013 13:46	1	cli001.d	RTX-624 0.32(mm)
VIBLK 200-52836/2		03/09/2013 14:34	1		RTX-624 0.32(mm)
IC 200-52836/3		03/09/2013 15:27	1	cli003.d	RTX-624 0.32(mm)
IC 200-52836/4		03/09/2013 16:20	1	cli004.d	RTX-624 0.32(mm)
IC 200-52836/5		03/09/2013 17:13	1	cli005.d	RTX-624 0.32(mm)
IC 200-52836/6		03/09/2013 18:06	1	cli006.d	RTX-624 0.32(mm)
ICIS 200-52836/7		03/09/2013 18:58	1	cli007.d	RTX-624 0.32(mm)
IC 200-52836/8		03/09/2013 19:51	1	cli008.d	RTX-624 0.32(mm)
IC 200-52836/9		03/09/2013 20:44	1	cli009.d	RTX-624 0.32(mm)
IC 200-52836/10		03/09/2013 21:37	1	cli010.d	RTX-624 0.32(mm)
VIBLK 200-52836/11		03/09/2013 22:29	1		RTX-624 0.32(mm)
VIBLK 200-52836/12		03/09/2013 23:22	1		RTX-624 0.32(mm)
ICV 200-52836/13		03/10/2013 00:15	1	cli013.d	RTX-624 0.32(mm)
VIBLK 200-52836/14		03/10/2013 01:08	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39216-1

SDG No.:

Instrument ID: C.i Start Date: 03/12/2013 13:49

Analysis Batch Number: 52936 End Date: 03/13/2013 13:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52936/1		03/12/2013 13:49	1	clic001.d	RTX-624 0.32(mm)
CCVIS 200-52936/2		03/12/2013 14:40	1	clic002.d	RTX-624 0.32(mm)
ZZZZZ		03/12/2013 15:33	1		RTX-624 0.32(mm)
VIBLK 200-52936/4		03/12/2013 16:26	1		RTX-624 0.32(mm)
LCS 200-52936/5		03/12/2013 17:19	1	clic005.d	RTX-624 0.32(mm)
MB 200-52936/6		03/12/2013 18:12	1	clic006.d	RTX-624 0.32(mm)
ZZZZZ		03/12/2013 19:04	2		RTX-624 0.32(mm)
ZZZZZ		03/12/2013 19:57	1		RTX-624 0.32(mm)
280-39216-3	774776CA02AF	03/12/2013 20:50	1	clic009.d	RTX-624 0.32(mm)
280-39216-4	785786CA02AF	03/12/2013 21:43	1	clic010.d	RTX-624 0.32(mm)
ZZZZZ		03/12/2013 22:35	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2013 23:29	2.5		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 00:21	2		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 01:14	68.8		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 02:07	11		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 02:59	1		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 03:52	10		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 04:45	6.06		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 05:37	5		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 06:30	5		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 07:23	1		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 08:16	69.9		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 09:09	76.3		RTX-624 0.32(mm)
ZZZZZ		03/13/2013 10:01	3.03		RTX-624 0.32(mm)
280-39216-1	774776CA01AH	03/13/2013 10:54	1	clic025.d	RTX-624 0.32(mm)
ZZZZZ		03/13/2013 11:47	1		RTX-624 0.32(mm)
280-39216-2	785786CA01AH	03/13/2013 12:40	2	clic027.d	RTX-624 0.32(mm)
ZZZZZ		03/13/2013 13:33	1.33		RTX-624 0.32(mm)

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
TOP	10	2/12/13	SML	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3258	-29.3	-29.3	-29.3	0.0
2	2612				
3	4468				
4	5069				
5	3833				
6	2884				
7	3233				
8	4344				
9	3411				
10	2959				
11	2509				
12	3230	✓	✓	✓	✓

Initial Reading		Final Reading	
Gauge ID:	G4	Gauge ID:	G4
Date:	2/13/13	Date:	2/13/13
Time:	1000	Time:	1600
Tech:	C	Tech:	C
BP:	29.4 ("Hg)	BP:	29.4 ("Hg)
Temp	21 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
3230	2/13/13	GG2P	MTP		✓				2/13/13	MTP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

BR-FAI023:10.19.09:7
TestAmerica

200-15057-A-12
3230
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/12/2013 12:00 AM 200-460777

Loc: 200
15057
#12
A

03/21/2013

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzp003.d

Lab ID: LCS 200-51845/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	12.2	122	70-130	
Dichlorodifluoromethane	10.0	12.8	128	70-130	
Freon 22	10.0	12.4	124	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.5	125	70-130	
Chloromethane	10.0	11.8	118	70-130	
n-Butane	10.0	11.8	118	70-130	
Vinyl chloride	10.0	11.7	117	70-130	
1,3-Butadiene	10.0	12.0	120	70-130	
Bromomethane	10.0	11.9	119	70-130	
Chloroethane	10.0	11.9	119	70-130	
Bromoethene(Vinyl Bromide)	10.0	12.1	121	70-130	
Trichlorofluoromethane	10.0	12.1	121	70-130	
Ethanol	15.0	15.8	106	70-130	
Freon TF	10.0	12.9	129	70-130	
1,1-Dichloroethene	10.0	12.7	127	70-130	
Acetone	10.0	10.6	106	70-130	
Isopropyl alcohol	10.0	11.3	113	70-130	
Carbon disulfide	10.0	11.6	116	70-130	
3-Chloropropene	10.0	11.2	112	70-130	
Methylene Chloride	10.0	12.4	124	70-130	
tert-Butyl alcohol	10.0	10.9	109	70-130	
Methyl tert-butyl ether	10.0	11.0	110	70-130	
trans-1,2-Dichloroethene	10.0	11.6	116	70-130	
n-Hexane	10.0	11.5	115	70-130	
1,1-Dichloroethane	10.0	11.5	115	70-130	
Vinyl acetate	10.0	10.4	104	70-130	
Ethyl acetate	10.0	9.71	97	70-130	
Methyl Ethyl Ketone	10.0	9.66	97	70-130	
cis-1,2-Dichloroethene	10.0	10.5	105	70-130	
Chloroform	10.0	10.7	107	70-130	
Tetrahydrofuran	10.0	9.55	96	70-130	
1,1,1-Trichloroethane	10.0	10.6	106	70-130	
Cyclohexane	10.0	9.72	97	70-130	
Carbon tetrachloride	10.0	10.4	104	70-130	
2,2,4-Trimethylpentane	10.0	10.3	103	70-130	
Benzene	10.0	9.86	99	70-130	
1,2-Dichloroethane	10.0	10.9	109	70-130	
n-Heptane	10.0	10.2	102	70-130	
Trichloroethene	10.0	10.2	102	70-130	
Methyl methacrylate	10.0	9.52	95	70-130	
1,2-Dichloropropane	10.0	9.58	96	70-130	
1,4-Dioxane	10.0	10.3	103	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzp003.d

Lab ID: LCS 200-51845/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.8	108	70-130	
cis-1,3-Dichloropropene	10.0	9.90	99	70-130	
methyl isobutyl ketone	10.0	10.1	101	70-130	
Toluene	10.0	9.23	92	70-130	
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	8.96	90	70-130	
Tetrachloroethene	10.0	9.64	96	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.0	100	70-130	
Dibromochloromethane	10.0	10.5	105	70-130	
1,2-Dibromoethane	10.0	9.63	96	70-130	
Chlorobenzene	10.0	9.28	93	70-130	
Ethylbenzene	10.0	9.52	95	70-130	
m,p-Xylene	20.0	19.0	95	70-130	
Xylene, o-	10.0	9.41	94	70-130	
Styrene	10.0	9.72	97	70-130	
Bromoform	10.0	10.6	106	70-130	
Cumene	10.0	9.79	98	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.41	94	70-130	
n-Propylbenzene	10.0	10.3	103	70-130	
4-Ethyltoluene	10.0	10.8	108	70-130	
1,3,5-Trimethylbenzene	10.0	9.98	100	70-130	
2-Chlorotoluene	10.0	10.3	103	70-130	
tert-Butylbenzene	10.0	10.0	100	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
sec-Butylbenzene	10.0	10.2	102	70-130	
4-Isopropyltoluene	10.0	10.8	109	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.2	102	70-130	
Benzyl chloride	10.0	11.7	117	70-130	
n-Butylbenzene	10.0	11.1	111	70-130	
1,2-Dichlorobenzene	10.0	10.1	101	70-130	
1,2,4-Trichlorobenzene	10.0	11.0	111	70-130	
Hexachlorobutadiene	10.0	10.2	102	70-130	
Naphthalene	10.0	12.4	124	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab File ID: ggzp004.d Lab Sample ID: MB 200-51845/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/13/2013 11:14

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 200-51845/3	ggzp003.d	02/13/2013 10:23
3230	200-15057-12	ggzp008.d	02/13/2013 14:46

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington | Job No.: 200-15057-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-51845/4

Matrix: Air | Lab File ID: ggzp004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51845 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzpto15.b/ggzp004.d
Lab Smp Id: mb
Inj Date : 13-FEB-2013 11:14
Operator : MTP Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggzpto15.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	3.006	3.006	(0.294)	3028	0.28510	0.29(aQ)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

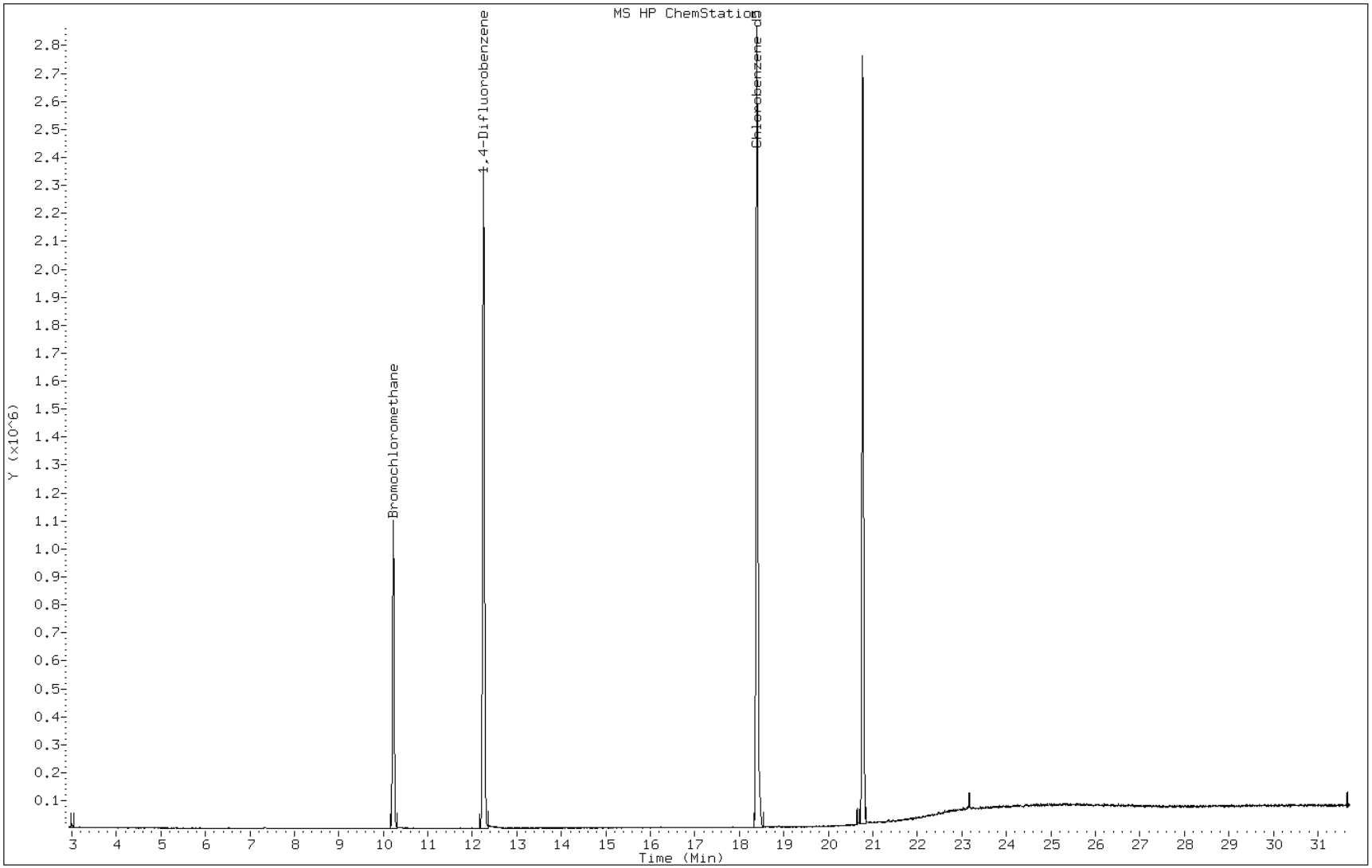
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	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	10.223	10.244	(1.000)	533336	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	12.251	12.272	(1.000)	3771745	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	3544440	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	ggzp004.d	Date:	13-FEB-2013 11:14
Client ID:		Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab File ID: ggzp001.d BFB Injection Date: 02/13/2013

Instrument ID: G.i BFB Injection Time: 08:42

Analysis Batch No.: 51845

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.9	
75	30.0 - 66.0% of mass 95	37.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	94.6	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	90.6	(95.8)1
177	5.0 - 9.0% of mass 176	5.7	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-51845/2	ggzp002.d	02/13/2013	09:32
	LCS 200-51845/3	ggzp003.d	02/13/2013	10:23
	MB 200-51845/4	ggzp004.d	02/13/2013	11:14
3230	200-15057-12	ggzp008.d	02/13/2013	14:46

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Sample No.: CCVIS 200-51845/2 Date Analyzed: 02/13/2013 09:32

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzp002.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		669498	10.23	4064612	12.26	4733007	18.39
UPPER LIMIT		937297	10.56	5690457	12.59	6626210	18.72
LOWER LIMIT		401699	9.90	2438767	11.93	2839804	18.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-51845/3		663351	10.23	3943333	12.26	4455635	18.39
MB 200-51845/4		533336	10.22	3771745	12.25	3544440	18.39
200-15057-12	3230	521828	10.22	3640698	12.25	3312197	18.39

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: 3230 Lab Sample ID: 200-15057-12

Matrix: Air Lab File ID: ggzp008.d

Analysis Method: TO-15 Date Collected: 02/12/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/13/2013 14:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington | Job No.: 200-15057-1

SDG No.:

Client Sample ID: 3230 | Lab Sample ID: 200-15057-12

Matrix: Air | Lab File ID: ggzp008.d

Analysis Method: TO-15 | Date Collected: 02/12/2013 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/13/2013 14:46

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51845 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: 3230 Lab Sample ID: 200-15057-12

Matrix: Air Lab File ID: ggzp008.d

Analysis Method: TO-15 Date Collected: 02/12/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/13/2013 14:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15057-12
Client Smp ID: 3230
Inj Date : 13-FEB-2013 14:46
Operator : MTP Inst ID: G.i
Smp Info : 200-15057-A-12
Misc Info : 1000,0.2, all74+mn
Comment :
Method : /chem/G.i/Gsvr.p/ggzpto15.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 7
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	3.001	3.006	(0.294)	7460	0.71770	0.14(aQ)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

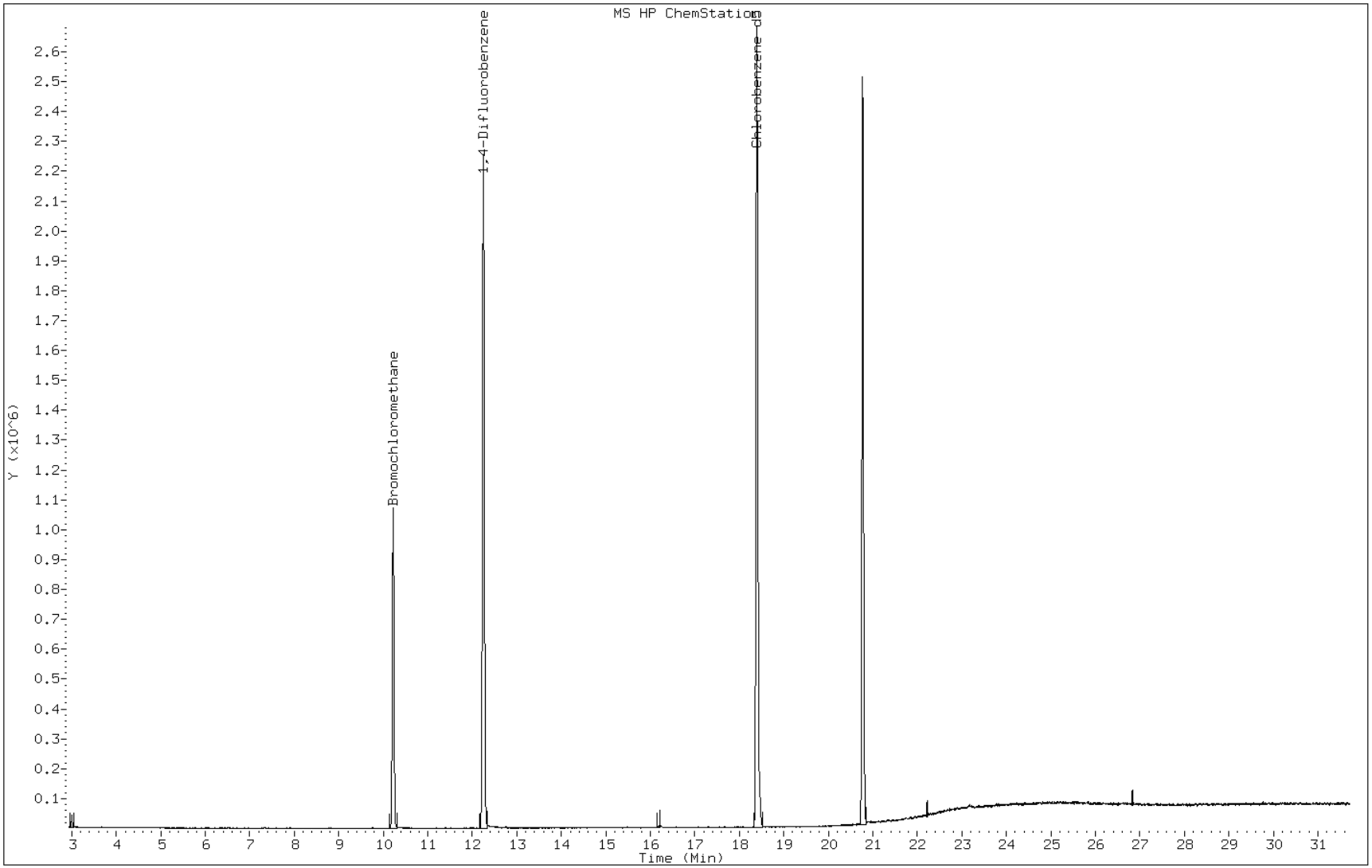
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.334	7.361	(0.718)	2303	0.10416	0.021(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.218	10.244	(1.000)	521828	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	12.251	12.272	(1.000)	3640698	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	3312197	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	ggzp008.d	Date:	13-FEB-2013 14:46
Client ID:	3230	Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15057-A-12		
Lab Sample ID:	200-15057-12		



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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2737		13.7	10.0	37.4*	30.0
Dichlorodifluoromethane	Ave	1.522	2.039		13.4	10.0	34.0*	30.0
Freon 22	Ave	0.6406	0.8562		13.4	10.0	33.7*	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.999		13.2	10.0	32.1*	30.0
Chloromethane	Ave	0.3185	0.4153		13.0	10.0	30.4*	30.0
n-Butane	Ave	0.4234	0.5484		12.9	10.0	29.5	30.0
Vinyl chloride	Ave	0.4225	0.5332		12.6	10.0	26.2	30.0
1,3-Butadiene	Ave	0.2549	0.3218		12.6	10.0	26.2	30.0
Bromomethane	Ave	0.5783	0.7635		13.2	10.0	32.0*	30.0
Chloroethane	Ave	0.1714	0.2300		13.4	10.0	34.2*	30.0
Isopentane	Ave	0.3263	0.4004		12.3	10.0	22.7	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.8560		12.8	10.0	28.0	30.0
Trichlorofluoromethane	Ave	1.807	2.333		12.9	10.0	29.1	30.0
n-Pentane	Ave	0.4912	0.6305		12.8	10.0	28.4	30.0
Ethanol	Ave	0.1066	0.1225		17.2	15.0	14.8	30.0
Ethyl ether	Ave	0.2154	0.2819		13.1	10.0	30.9*	30.0
Acrolein	Ave	0.1073	0.1445		13.5	10.0	34.6*	30.0
Freon TF	Ave	1.224	1.537		12.6	10.0	25.6	30.0
1,1-Dichloroethene	Ave	0.5156	0.6308		12.2	10.0	22.3	30.0
Acetone	Ave	0.4613	0.5904		12.8	10.0	28.0	30.0
Carbon disulfide	Ave	1.483	1.823		12.3	10.0	23.0	30.0
Isopropyl alcohol	Ave	0.3165	0.4186		13.2	10.0	32.3*	30.0
3-Chloropropene	Ave	0.3779	0.4519		12.0	10.0	19.6	30.0
Acetonitrile	Ave	0.1921	0.2429		12.6	10.0	26.5	30.0
Methylene Chloride	Ave	0.4238	0.5191		12.2	10.0	22.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.7298		12.4	10.0	23.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.507		13.1	10.0	30.7*	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7961		12.3	10.0	23.2	30.0
Acrylonitrile	Ave	0.2076	0.2727		13.1	10.0	31.4*	30.0
n-Hexane	Ave	0.5077	0.6193		12.2	10.0	22.0	30.0
1,1-Dichloroethane	Ave	0.8423	1.035		12.3	10.0	22.9	30.0
Vinyl acetate	Ave	0.6408	0.8147		12.7	10.0	27.1	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8540		11.1	10.0	10.5	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2202		11.1	10.0	11.3	30.0
Ethyl acetate	Ave	0.0331	0.0382		11.5	10.0	15.2	30.0
Tetrahydrofuran	Ave	0.0596	0.0676		11.4	10.0	13.6	30.0
Chloroform	Ave	1.650	1.910		11.6	10.0	15.8	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3781		10.8	10.0	8.5	30.0
Cyclohexane	Ave	0.1669	0.1682		10.1	10.0	0.8	30.0
Carbon tetrachloride	Ave	0.4289	0.4604		10.7	10.0	7.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4251		10.7	10.0	7.1	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4902		10.5	10.0	5.2	30.0
1,2-Dichloroethane	Ave	0.1656	0.1992		12.0	10.0	20.3	30.0
n-Heptane	Ave	0.1483	0.1601		10.8	10.0	8.0	30.0
n-Butanol	Ave	0.0422	0.0407		9.63	10.0	-3.7	30.0
Trichloroethene	Ave	0.2646	0.2964		11.2	10.0	12.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1835		11.2	10.0	11.5	30.0
Methyl methacrylate	Ave	0.1231	0.1401		11.4	10.0	13.8	30.0
1,4-Dioxane	Ave	0.0667	0.0857		12.8	10.0	28.5	30.0
Dibromomethane	Ave	0.2780	0.3265		11.7	10.0	17.5	30.0
Bromodichloromethane	Ave	0.4016	0.4842		12.1	10.0	20.6	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2994		12.1	10.0	20.9	30.0
methyl isobutyl ketone	Ave	0.2078	0.2352		11.3	10.0	13.2	30.0
Toluene	Ave	0.3723	0.3995		10.7	10.0	7.3	30.0
n-Octane	Ave	0.2581	0.2825		10.9	10.0	9.4	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2710		12.5	10.0	25.3	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1865		10.9	10.0	9.4	30.0
Tetrachloroethene	Ave	0.4038	0.4355		10.8	10.0	7.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1691		10.5	10.0	5.1	30.0
Dibromochloromethane	Ave	0.4154	0.4855		11.7	10.0	16.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3796		11.7	10.0	16.6	30.0
Chlorobenzene	Ave	0.5251	0.5765		11.0	10.0	9.8	30.0
Ethylbenzene	Ave	0.6987	0.7813		11.2	10.0	11.8	30.0
n-Nonane	Ave	0.2310	0.2474		10.7	10.0	7.1	30.0
m,p-Xylene	Ave	0.2963	0.3307		22.3	20.0	11.6	30.0
Xylene, o-	Ave	0.3217	0.3554		11.0	10.0	10.5	30.0
Styrene	Ave	0.3834	0.4316		11.3	10.0	12.6	30.0
Bromoform	Ave	0.3278	0.3906		11.9	10.0	19.2	30.0
Cumene	Ave	0.8597	0.9752		11.3	10.0	13.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4495		11.1	10.0	11.1	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.3037		11.2	10.0	12.0	30.0
n-Propylbenzene	Ave	0.8245	0.9556		11.6	10.0	15.9	30.0
2-Chlorotoluene	Ave	0.5927	0.6728		11.4	10.0	13.5	30.0
4-Ethyltoluene	Ave	0.6952	0.8209		11.8	10.0	18.1	30.0
n-Decane	Ave	0.2492	0.2611		10.5	10.0	4.8	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7588		11.4	10.0	13.7	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3485		11.6	10.0	16.4	30.0
tert-Butylbenzene	Ave	0.7105	0.8018		11.3	10.0	12.8	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.7046		11.4	10.0	14.2	30.0
sec-Butylbenzene	Ave	0.9477	1.083		11.4	10.0	14.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8628		11.6	10.0	16.5	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4242		11.6	10.0	16.1	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.4023		11.3	10.0	13.4	30.0
Benzyl chloride	Ave	0.2868	0.3450		12.0	10.0	20.3	30.0
n-Butylbenzene	Ave	0.5055	0.5724		11.3	10.0	13.2	30.0
n-Undecane	Ave	0.2168	0.1836		8.47	10.0	-15.3	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4592		11.4	10.0	14.0	30.0
n-Dodecane	Ave	0.1342	0.0951		7.09	10.0	-29.1	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1076		8.42	10.0	-15.8	30.0
Hexachlorobutadiene	Ave	0.2166	0.2248		10.4	10.0	3.8	30.0
Naphthalene	Ave	0.3306	0.2457		7.43	10.0	-25.7	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1127		8.48	10.0	-15.2	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Instrument ID: G.i Start Date: 02/13/2013 08:42

Analysis Batch Number: 51845 End Date: 02/14/2013 08:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51845/1		02/13/2013 08:42	1	ggzp001.d	RTX-624 0.32(mm)
CCVIS 200-51845/2		02/13/2013 09:32	1	ggzp002.d	RTX-624 0.32(mm)
LCS 200-51845/3		02/13/2013 10:23	1	ggzp003.d	RTX-624 0.32(mm)
MB 200-51845/4		02/13/2013 11:14	1	ggzp004.d	RTX-624 0.32(mm)
ZZZZZ		02/13/2013 12:09	0.2		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 12:59	307.6		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 13:50	2		RTX-624 0.32(mm)
200-15057-12	3230	02/13/2013 14:46	0.2	ggzp008.d	RTX-624 0.32(mm)
ZZZZZ		02/13/2013 16:06	0.2		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 17:00	0.2		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 17:51	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 18:41	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 19:31	2.24		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 20:22	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 21:13	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 22:04	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 22:54	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 23:45	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 00:36	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 01:27	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 02:17	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 03:08	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 03:58	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 04:48	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 05:43	0.2		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 06:34	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 08:20	1		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

=51182

Sequence			Standard Traceability	Instrument Information
Target Batch ID: GGZ	Start Date: 1/25/13	Time: 0852	ISTD Container ID: 248062	Instrument ID: G
Test Method: TO15	End Date: 1/26/13	Time: 0852	CCV Container ID: See comments	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID: See comments	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
0852	GG7001	N/A	BFB	NA			LMC	AA	✓	LMC	
0950	02	4632	VBLK		1	200		✓	✓		
1040	03	2887	IC Std5		2	40		N/A	✓		439935
1131	04	2887	IC Std1		2	200			✓		435931
1221	05	2603	IC Std2		3				✓		439920
1311	06	3640	IC Level3		4				✓		439912
1401	07	4636/3	ICIS Level4		5	100			✓		439905
1451	08	3510	IC Level5		6				✓		435907
1542	09	3643	IC Level6		5				✓		439905
1632	10	4233	IC Level7		7				✓		435904
1723	11	4636	VBLK		1			✓	✓		
1813	12	2225	TCV		9			✓	✓	AHK	5 452600 AG
1904	13	4632	MBLK			200	ALHK	✓	—		
1955	14	4636-2	LCS		8			✓	✓		AG-all74+MN 452600
2046	15	4630	MB		1			✓	✓	PAD	
2215	16	bag	147145-01	13.3	9	150		✓	✓		bag DF=10 , TO3 - ↑ non-target NCM
2305	17		-02	14.3	10	140		✓	✓		bag DF=10 ↑ non-target NCM
2356	18		-03	1	11	200		✓	✓		C
0046	19	4397	147160-30	1	12	200		✓	✓		C
0136	20	4223	-31	1	13			✓	✓		C
0226	21	4127	-32	1	14			✓	✓		C
0317	22	3533	-33	1	15			✓	✓		C
0408	23	5136	-34	1	16			✓	✓		C
0458	24	4872	146940-01	10	1	20		✓	✓		C
0548	25	32833	146960-03	2	2	100		✓	✓ DL		C
0638	26	2975	-04	2	3	100		✓	✓ DL		C
0729	27	4464	146947-01 Lmx	1	4	200		✓	✓		C
0819	28	3342	-02	1	5	200		✓	✓		C
											PAD 1/28/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence		Standard Traceability		Instrument Information
Target Batch ID: 3621	Start Date: 2/13/13 Time: 0542	ISTD Container ID:	248062	Instrument ID: G 7200K MTN
Test Method: TO15	End Date: 2/14/13 Time: 0542	CCV Container ID:	459513	Instrument: 5973
ICAL Date: 11/25/13		ICV/LCS Container ID:	459605	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

-B 51545

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0542	G6ZP01		BFB				MTP	—	✓	MTP	
0932	02	3197	CCV75		1	200		✓	✓		OK Short listed Cards
1023	03	3631	LCS		2			✓	✓		
1114	04	4632	MB		3			✓	✓		
1209	05	32094	15055-7	0.2	1	1000		✓	✓		
1254	06	3483	32226-1	307.6	2 15	31		✓	✓		
1350	07	3668	↓ 2	2	3 16	100		✓	✓		CDF 47.68
1446	08	3230	15053-12	0.2	2	1000		✓	✓		
1606	09	4819	15064-6	|	3	|		✓	✓		
1700	10	4908	15048-8	↓	4	↓		✓	✓		
1751	11	3364	14967-1	1	5	200		✓	✓		
1841	12	4360	2	1	6	|		✓	✓		
1931	13	5070	3	2.24	7	|		✓	✓		
2022	14	4554	4	1	8	|		✓	✓		CDF 2.24 ↑ Vac.
2113	15	4142	↓ 5	1	9	|		✓	✓		
2204	16	5145	15019-1	1	10	|		✓	✓		
2254	17	5062	2	1	11	|		✓	✓		
2345	18	3485	3	1	12	|		✓	✓		
0036	19	3345	4	1	13	|		✓	✓		
0127	20	3342	↓ 5	1	14	|		✓	✓		
0217	21	5151	45052-4	1	15	|		✓	✓		
0308	22	2512	5	1	16	|		✓	✓		
0358	23	5117	6	1	18	|		✓	✓		
0448	24	4547	7	1	2	|		✓	✓		
0543	25	5466	8	0.2	3	1000		✓	✓		
0634	26	25-35	17	1	4	200		✓	✓		2.24 TMP↑ OK Short list Cert per PM
0729	27	5166	45052-08	1	5	200		✓	✓		
0820	28	2535	↓ 17	1	6	200	↓	✓	✓	↓	
										MTP 2/14/13	

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

Shipping and Receiving Documents

7339

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Sara Goff Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212
Carrier: Fedex	Sampler Signature: Katrina Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2013	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774776CA01AH	774776-Influent	2-15	1055	GS	AC	0/0	N			1	1	1	Canister # 2959
785786CA01AH	785786-Influent	2-14	1435	GS	AC	0/0	N			1	1	1	
774776CA02AF	774776-Effluent	2-15	1100	GS	AC	0/0	N			1	1	1	Canister # 4468
785786CA02AF	785786-Effluent	2-14	1440	GS	AC	0/0	N			1	1	1	

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) KM	Date: 2.21	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig)	Date:	#2 Received by: (Sig)	Date: 2/22/13	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time:	Company Name:	Time: 1025	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-39216-1

Login Number: 39216

List Source: TestAmerica Denver

List Number: 1

Creator: Dedio, Michael T

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	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 containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-39216-1

Login Number: 39216
List Number: 1
Creator: Gagne, Eric

List Source: TestAmerica Burlington
List Creation: 02/25/13 02:12 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	720385, 386, 387, 418292, 468451, 452, 461 & 469
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39218-1

Job Description: Griffiss AFB Soil Vapor

For:
FPM Remediations Inc
584 Phoenix Drive
Rome, NY 13441

Attention: Daniel Baldyga

Approved for release.
Elaine Walker
Project Manager I
3/27/2013 11:44 AM

Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
03/27/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-39218-1

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

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

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

RECEIPT

Ten samples were received at TestAmerica Burlington on 02/22/2013; the samples arrived in good condition and properly preserved.

In all cases, the sample IDs on the Summa canisters do not match the IDs on the chain of custody (COC). The last two characters in each ID is reversed on the container labels. All IDs have been logged per the COC. The client was notified via email on 02/26/2013.

Samples 776VMP0101HA (280-39218-5) and 776VMP0301HA (280-39218-7) were received with zero vacuum, and the client was notified on 03/27/2013. The client instructed the laboratory to proceed with the requested analyses.

VOLATILE ORGANIC COMPOUNDS (TO-15)

Samples 774VMP0101HA (280-39218-1), 774VMP0201HA (280-39218-2), 774VMP0301HA (280-39218-3), 776VMP0201HC (280-39218-4), 776VMP0101HA (280-39218-5), 776VMP0201HA (280-39218-6), 776VMP0301HA (280-39218-7), 774IA1IA (280-39218-8), 774776OA1IA (280-39218-9), and 776IA1HA (280-39218-10) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 03/14/2013, 03/15/2013 and 03/22/2013.

Chloromethane, Methylene Chloride, and n-Butane were detected in method blank MB 200-53040/5 at levels that were above the method detection limits but below the reporting limits. The values should be considered estimates, and have been flagged “J”. However, because the result concentrations were less than ½ the respective reporting limits, no corrective action was necessary.

Methylene Chloride was detected in method blank MB 200-53337/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. However, because the result concentration was less than ½ the reporting limit, no corrective action was necessary.

Freon 22 failed the recovery criteria high for LCS 200-53040/4. This analyte was biased high in the LCS and the data have been reported and flagged “Q”.

1,2,4-Trichlorobenzene and Naphthalene failed the recovery criteria high for LCS 200-53337/3. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported and flagged “Q”.

Samples 774VMP0101HA (280-39218-1) and 774VMP0301HA (280-39218-3) required dilutions prior to analysis due to the abundance of target and/or non-target analytes. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the TO15 analyses.

All other quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 52836

Lab Sample ID: IC 200-52836/3 Client Sample ID:

Date Analyzed: 03/09/13 15:27 Lab File ID: cli003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	5.08	Peak not found by the data system	pd	03/10/13 14:59

Lab Sample ID: IC 200-52836/4 Client Sample ID:

Date Analyzed: 03/09/13 16:20 Lab File ID: cli004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.78	Baseline event	pd	03/10/13 14:46
n-Nonane	19.66	Peak not found by the data system	pd	03/10/13 15:04

Lab Sample ID: IC 200-52836/5 Client Sample ID:

Date Analyzed: 03/09/13 17:13 Lab File ID: cli005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:47

Lab Sample ID: IC 200-52836/6 Client Sample ID:

Date Analyzed: 03/09/13 18:06 Lab File ID: cli006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:47
Acetonitrile	8.81	Baseline event	pd	03/10/13 14:50

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 52836

Lab Sample ID: ICIS 200-52836/7 Client Sample ID:

Date Analyzed: 03/09/13 18:58 Lab File ID: cli007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.78	Baseline event	pd	03/10/13 14:47
Acetonitrile	8.81	Baseline event	pd	03/10/13 14:51

Lab Sample ID: IC 200-52836/8 Client Sample ID:

Date Analyzed: 03/09/13 19:51 Lab File ID: cli008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:48
Acetonitrile	8.81	Baseline event	pd	03/10/13 14:51

Lab Sample ID: IC 200-52836/9 Client Sample ID:

Date Analyzed: 03/09/13 20:44 Lab File ID: cli009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 14:48
Acetonitrile	8.80	Baseline event	pd	03/10/13 14:51

Lab Sample ID: IC 200-52836/10 Client Sample ID:

Date Analyzed: 03/09/13 21:37 Lab File ID: cli010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.78	Baseline event	pd	03/10/13 14:48
Acetonitrile	8.80	Baseline event	pd	03/10/13 14:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 52836

Lab Sample ID: ICV 200-52836/13 Client Sample ID:

Date Analyzed: 03/10/13 00:15 Lab File ID: cli013.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/10/13 15:07
Acetonitrile	8.80	Baseline event	pd	03/10/13 15:07

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53040

Lab Sample ID: CCVIS 200-53040/3 Client Sample ID:

Date Analyzed: 03/14/13 12:47 Lab File ID: clie003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/14/13 13:20
Acetonitrile	8.81	Baseline event	pd	03/14/13 13:25

Lab Sample ID: LCS 200-53040/4 Client Sample ID:

Date Analyzed: 03/14/13 13:46 Lab File ID: clie004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	pd	03/14/13 14:17

Lab Sample ID: MB 200-53040/5 Client Sample ID:

Date Analyzed: 03/14/13 14:43 Lab File ID: clie005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	9.05	Baseline event	wrd	03/14/13 16:32

Lab Sample ID: 280-39218-8 Client Sample ID: 774IA1IA

Date Analyzed: 03/15/13 10:53 Lab File ID: clie028.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	12.43	Baseline event	wrd	03/15/13 13:07

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53304

Lab Sample ID: IC 200-53304/3 Client Sample ID:

Date Analyzed: 03/22/13 01:50 Lab File ID: clj003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	5.07	Peak not found by the data system	wrd	03/22/13 11:03

Lab Sample ID: IC 200-53304/4 Client Sample ID:

Date Analyzed: 03/22/13 02:42 Lab File ID: clj004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.76	Baseline event	wrd	03/22/13 11:05
Methyl tert-butyl ether	9.54	Baseline event	wrd	03/22/13 11:05
Tetrachloroethene	17.63	Baseline event	wrd	03/22/13 11:06
n-Nonane	19.66	Peak not found by the data system	wrd	03/22/13 11:07
1,1,2,2-Tetrachloroethane	21.68	Peak not found by the data system	wrd	03/22/13 11:07

Lab Sample ID: IC 200-53304/5 Client Sample ID:

Date Analyzed: 03/22/13 03:35 Lab File ID: clj005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/22/13 11:11

Lab Sample ID: ICIS 200-53304/7 Client Sample ID:

Date Analyzed: 03/22/13 05:20 Lab File ID: clj007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/22/13 11:09
Acetonitrile	8.80	Baseline event	wrd	03/22/13 11:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53304

Lab Sample ID: IC 200-53304/8 Client Sample ID:

Date Analyzed: 03/22/13 06:13 Lab File ID: clj008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/22/13 11:20
Acetonitrile	8.81	Baseline event	wrd	03/22/13 11:20

Lab Sample ID: IC 200-53304/9 Client Sample ID:

Date Analyzed: 03/22/13 07:05 Lab File ID: clj009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/22/13 11:14
Acetonitrile	8.80	Baseline event	wrd	03/22/13 11:15

Lab Sample ID: IC 200-53304/10 Client Sample ID:

Date Analyzed: 03/22/13 07:58 Lab File ID: clj010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/22/13 11:16
Acetonitrile	8.80	Baseline event	wrd	03/22/13 11:17

Lab Sample ID: IC 200-53304/12 Client Sample ID:

Date Analyzed: 03/22/13 09:43 Lab File ID: clj012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/22/13 11:18
Acetonitrile	8.80	Baseline event	wrd	03/22/13 11:19

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53304

Lab Sample ID: ICV 200-53304/15 Client Sample ID:

Date Analyzed: 03/22/13 12:25 Lab File ID: clj015.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/22/13 13:49
Acetonitrile	8.80	Baseline event	wrd	03/22/13 13:49

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53337

Lab Sample ID: CCVIS 200-53337/2 Client Sample ID:

Date Analyzed: 03/22/13 15:10 Lab File ID: clja002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/24/13 11:52
Acetonitrile	8.81	Baseline event	wrd	03/24/13 11:53

Lab Sample ID: LCS 200-53337/3 Client Sample ID:

Date Analyzed: 03/22/13 16:03 Lab File ID: clja003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.77	Baseline event	wrd	03/24/13 11:54

Lab Sample ID: MB 200-53337/4 Client Sample ID:

Date Analyzed: 03/22/13 16:56 Lab File ID: clja004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	8.18	Poor chromatography	ahk	03/22/13 21:05

Lab Sample ID: 280-39218-9 Client Sample ID: 774776OA1IA

Date Analyzed: 03/22/13 17:48 Lab File ID: clja005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon tetrachloride	12.66	Baseline event	wrd	03/23/13 10:22

Lab Sample ID: 280-39218-10 Client Sample ID: 776IA1HA

Date Analyzed: 03/22/13 18:41 Lab File ID: clja006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloroethene	17.62	Baseline event	wrd	03/23/13 10:21

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39218-1	774VMP0101HA	Air	02/21/2013 1100	02/22/2013 1030
280-39218-2	774VMP0201HA	Air	02/21/2013 1030	02/22/2013 1030
280-39218-3	774VMP0301HA	Air	02/21/2013 1035	02/22/2013 1030
280-39218-4	776VMP0201HC	Air	02/21/2013 1206	02/22/2013 1030
280-39218-5	776VMP0101HA	Air	02/21/2013 1220	02/22/2013 1030
280-39218-6	776VMP0201HA	Air	02/21/2013 1205	02/22/2013 1030
280-39218-7	776VMP0301HA	Air	02/21/2013 1230	02/22/2013 1030
280-39218-8	774IA1IA	Air	02/21/2013 0855	02/22/2013 1030
280-39218-9	774776OA1IA	Air	02/21/2013 0900	02/22/2013 1030
280-39218-10	776IA1HA	Air	02/21/2013 0850	02/22/2013 1030

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-1	**774VMP0101HA**					
Dichlorodifluoromethane		0.68	J	1.0	ppb v/v	TO-15
Dichlorodifluoromethane		3.4	J	4.9	ug/m3	TO-15
Freon 22		2.1	Q	1.0	ppb v/v	TO-15
Freon 22		7.3	Q	3.5	ug/m3	TO-15
Chloromethane		1.0		1.0	ppb v/v	TO-15
Chloromethane		2.1		2.1	ug/m3	TO-15
n-Butane		1.6		1.0	ppb v/v	TO-15
n-Butane		3.7		2.4	ug/m3	TO-15
Trichlorofluoromethane		0.35	J	0.40	ppb v/v	TO-15
Trichlorofluoromethane		2.0	J	2.2	ug/m3	TO-15
Freon TF		0.11	J	0.40	ppb v/v	TO-15
Freon TF		0.84	J	3.1	ug/m3	TO-15
Acetone		36		10	ppb v/v	TO-15
Acetone		86		24	ug/m3	TO-15
Isopropyl alcohol		26		10	ppb v/v	TO-15
Isopropyl alcohol		65		25	ug/m3	TO-15
Carbon disulfide		0.49	J	1.0	ppb v/v	TO-15
Carbon disulfide		1.5	J	3.1	ug/m3	TO-15
Methylene Chloride		0.46	J	1.0	ppb v/v	TO-15
Methylene Chloride		1.6	J	3.5	ug/m3	TO-15
n-Hexane		7.5		0.40	ppb v/v	TO-15
n-Hexane		27		1.4	ug/m3	TO-15
Methyl Ethyl Ketone		2.1		1.0	ppb v/v	TO-15
Methyl Ethyl Ketone		6.1		2.9	ug/m3	TO-15
Cyclohexane		5.3		0.40	ppb v/v	TO-15
Cyclohexane		18		1.4	ug/m3	TO-15
2,2,4-Trimethylpentane		3.1		0.40	ppb v/v	TO-15
2,2,4-Trimethylpentane		15		1.9	ug/m3	TO-15
Benzene		0.42		0.40	ppb v/v	TO-15
Benzene		1.3		1.3	ug/m3	TO-15
n-Heptane		4.3		0.40	ppb v/v	TO-15
n-Heptane		18		1.6	ug/m3	TO-15
Trichloroethene		0.10	J	0.40	ppb v/v	TO-15
Trichloroethene		0.55	J	2.1	ug/m3	TO-15
Toluene		2.0		0.40	ppb v/v	TO-15
Toluene		7.4		1.5	ug/m3	TO-15
Ethylbenzene		0.41		0.40	ppb v/v	TO-15
Ethylbenzene		1.8		1.7	ug/m3	TO-15
m,p-Xylene		1.5		1.0	ppb v/v	TO-15
m,p-Xylene		6.4		4.3	ug/m3	TO-15
Xylene, o-		0.46		0.40	ppb v/v	TO-15
Xylene, o-		2.0		1.7	ug/m3	TO-15
Xylene (total)		1.9		0.40	ppb v/v	TO-15
Xylene (total)		8.4		1.7	ug/m3	TO-15
Styrene		0.096	J	0.40	ppb v/v	TO-15
Styrene		0.41	J	1.7	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
4-Ethyltoluene		0.11	J	0.40	ppb v/v	TO-15
4-Ethyltoluene		0.55	J	2.0	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.11	J	0.40	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.52	J	2.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.26	J	0.40	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.3	J	2.0	ug/m3	TO-15
Naphthalene		0.22	J	1.0	ppb v/v	TO-15
Naphthalene		1.1	J	5.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-2	**774VMP0201HA**					
Dichlorodifluoromethane		0.58		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.9		2.5	ug/m3	TO-15
Freon 22		1.9	Q	0.50	ppb v/v	TO-15
Freon 22		6.7	Q	1.8	ug/m3	TO-15
Chloromethane		0.91		0.50	ppb v/v	TO-15
Chloromethane		1.9		1.0	ug/m3	TO-15
n-Butane		1.5		0.50	ppb v/v	TO-15
n-Butane		3.6		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.33		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.8		1.1	ug/m3	TO-15
Freon TF		0.085	J	0.20	ppb v/v	TO-15
Freon TF		0.65	J	1.5	ug/m3	TO-15
Acetone		34		5.0	ppb v/v	TO-15
Acetone		82		12	ug/m3	TO-15
Isopropyl alcohol		16		5.0	ppb v/v	TO-15
Isopropyl alcohol		39		12	ug/m3	TO-15
Carbon disulfide		0.14	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.42	J	1.6	ug/m3	TO-15
Methylene Chloride		0.22	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.77	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.46	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.4	J	15	ug/m3	TO-15
n-Hexane		6.7		0.20	ppb v/v	TO-15
n-Hexane		23		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.8		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		5.4		1.5	ug/m3	TO-15
Cyclohexane		3.6		0.20	ppb v/v	TO-15
Cyclohexane		12		0.69	ug/m3	TO-15
Carbon tetrachloride		0.12	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.76	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		2.6		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		12		0.93	ug/m3	TO-15
Benzene		0.37		0.20	ppb v/v	TO-15
Benzene		1.2		0.64	ug/m3	TO-15
1,2-Dichloroethane		0.091	J	0.20	ppb v/v	TO-15
1,2-Dichloroethane		0.37	J	0.81	ug/m3	TO-15
n-Heptane		4.3		0.20	ppb v/v	TO-15
n-Heptane		18		0.82	ug/m3	TO-15
Trichloroethene		0.045	J	0.20	ppb v/v	TO-15
Trichloroethene		0.24	J	1.1	ug/m3	TO-15
Toluene		1.2		0.20	ppb v/v	TO-15
Toluene		4.7		0.75	ug/m3	TO-15
Ethylbenzene		0.35		0.20	ppb v/v	TO-15
Ethylbenzene		1.5		0.87	ug/m3	TO-15
m,p-Xylene		1.1		0.50	ppb v/v	TO-15
m,p-Xylene		4.7		2.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene, o-		0.28		0.20	ppb v/v	TO-15
Xylene, o-		1.2		0.87	ug/m3	TO-15
Xylene (total)		1.4		0.20	ppb v/v	TO-15
Xylene (total)		5.9		0.87	ug/m3	TO-15
4-Ethyltoluene		0.053	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.26	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.091	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.45	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-3	**774VMP0301HA**					
Dichlorodifluoromethane		0.71	J D	2.5	ppb v/v	TO-15
Dichlorodifluoromethane		3.5	J D	12	ug/m3	TO-15
Freon 22		3.2	D Q	2.5	ppb v/v	TO-15
Freon 22		11	D Q	8.8	ug/m3	TO-15
Chloromethane		0.63	J D	2.5	ppb v/v	TO-15
Chloromethane		1.3	J D	5.2	ug/m3	TO-15
n-Butane		1.3	J D	2.5	ppb v/v	TO-15
n-Butane		3.2	J D	5.9	ug/m3	TO-15
Trichlorofluoromethane		0.96	J D	1.0	ppb v/v	TO-15
Trichlorofluoromethane		5.4	J D	5.6	ug/m3	TO-15
Acetone		39	D	25	ppb v/v	TO-15
Acetone		94	D	59	ug/m3	TO-15
Isopropyl alcohol		26	D	25	ppb v/v	TO-15
Isopropyl alcohol		65	D	61	ug/m3	TO-15
Carbon disulfide		2.9	D	2.5	ppb v/v	TO-15
Carbon disulfide		9.0	D	7.8	ug/m3	TO-15
Methylene Chloride		0.68	J D	2.5	ppb v/v	TO-15
Methylene Chloride		2.3	J D	8.7	ug/m3	TO-15
n-Hexane		5.8	D	1.0	ppb v/v	TO-15
n-Hexane		20	D	3.5	ug/m3	TO-15
Methyl Ethyl Ketone		4.5	D	2.5	ppb v/v	TO-15
Methyl Ethyl Ketone		13	D	7.4	ug/m3	TO-15
Cyclohexane		3.5	D	1.0	ppb v/v	TO-15
Cyclohexane		12	D	3.4	ug/m3	TO-15
2,2,4-Trimethylpentane		2.8	D	1.0	ppb v/v	TO-15
2,2,4-Trimethylpentane		13	D	4.7	ug/m3	TO-15
Benzene		0.92	J D	1.0	ppb v/v	TO-15
Benzene		2.9	J D	3.2	ug/m3	TO-15
n-Heptane		4.2	D	1.0	ppb v/v	TO-15
n-Heptane		17	D	4.1	ug/m3	TO-15
Trichloroethene		0.25	J D	1.0	ppb v/v	TO-15
Trichloroethene		1.3	J D	5.4	ug/m3	TO-15
methyl isobutyl ketone		0.26	J D	2.5	ppb v/v	TO-15
methyl isobutyl ketone		1.1	J D	10	ug/m3	TO-15
Toluene		3.1	D	1.0	ppb v/v	TO-15
Toluene		12	D	3.8	ug/m3	TO-15
Ethylbenzene		0.93	J D	1.0	ppb v/v	TO-15
Ethylbenzene		4.0	J D	4.3	ug/m3	TO-15
m,p-Xylene		3.4	D	2.5	ppb v/v	TO-15
m,p-Xylene		15	D	11	ug/m3	TO-15
Xylene, o-		0.85	J D	1.0	ppb v/v	TO-15
Xylene, o-		3.7	J D	4.3	ug/m3	TO-15
Xylene (total)		4.2	D	1.0	ppb v/v	TO-15
Xylene (total)		18	D	4.3	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.29	J D	1.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.4	J D	4.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
4-Isopropyltoluene		0.33	J D	1.0	ppb v/v	TO-15
4-Isopropyltoluene		1.8	J D	5.5	ug/m3	TO-15
280-39218-4	**776VMP0201HC**					
Dichlorodifluoromethane		0.52		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5		2.5	ug/m3	TO-15
Freon 22		18	Q	0.50	ppb v/v	TO-15
Freon 22		62	Q	1.8	ug/m3	TO-15
Chloromethane		0.75		0.50	ppb v/v	TO-15
Chloromethane		1.6		1.0	ug/m3	TO-15
n-Butane		1.1		0.50	ppb v/v	TO-15
n-Butane		2.7		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.079	J	0.20	ppb v/v	TO-15
Freon TF		0.60	J	1.5	ug/m3	TO-15
Acetone		12		5.0	ppb v/v	TO-15
Acetone		28		12	ug/m3	TO-15
Isopropyl alcohol		13		5.0	ppb v/v	TO-15
Isopropyl alcohol		32		12	ug/m3	TO-15
Methylene Chloride		0.26	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.89	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.19	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		0.57	J	15	ug/m3	TO-15
n-Hexane		1.6		0.20	ppb v/v	TO-15
n-Hexane		5.7		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.74		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.2		1.5	ug/m3	TO-15
Tetrahydrofuran		1.1	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		3.3	J	15	ug/m3	TO-15
Cyclohexane		1.4		0.20	ppb v/v	TO-15
Cyclohexane		4.9		0.69	ug/m3	TO-15
Carbon tetrachloride		0.059	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.37	J	1.3	ug/m3	TO-15
Benzene		0.16	J	0.20	ppb v/v	TO-15
Benzene		0.53	J	0.64	ug/m3	TO-15
n-Heptane		0.25		0.20	ppb v/v	TO-15
n-Heptane		1.0		0.82	ug/m3	TO-15
Trichloroethene		0.037	J	0.20	ppb v/v	TO-15
Trichloroethene		0.20	J	1.1	ug/m3	TO-15
Toluene		0.097	J	0.20	ppb v/v	TO-15
Toluene		0.36	J	0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-5	**776VMP0101HA**					
Dichlorodifluoromethane		0.59		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.9		2.5	ug/m3	TO-15
Freon 22		15	Q	0.50	ppb v/v	TO-15
Freon 22		52	Q	1.8	ug/m3	TO-15
Chloromethane		0.66		0.50	ppb v/v	TO-15
Chloromethane		1.4		1.0	ug/m3	TO-15
n-Butane		1.0		0.50	ppb v/v	TO-15
n-Butane		2.4		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.27		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5		1.1	ug/m3	TO-15
Freon TF		0.095	J	0.20	ppb v/v	TO-15
Freon TF		0.73	J	1.5	ug/m3	TO-15
Acetone		15		5.0	ppb v/v	TO-15
Acetone		37		12	ug/m3	TO-15
Isopropyl alcohol		19		5.0	ppb v/v	TO-15
Isopropyl alcohol		46		12	ug/m3	TO-15
Methylene Chloride		0.29	J	0.50	ppb v/v	TO-15
Methylene Chloride		1.0	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.34	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.0	J	15	ug/m3	TO-15
n-Hexane		2.8		0.20	ppb v/v	TO-15
n-Hexane		9.8		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.3		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.9		1.5	ug/m3	TO-15
Cyclohexane		1.9		0.20	ppb v/v	TO-15
Cyclohexane		6.6		0.69	ug/m3	TO-15
Carbon tetrachloride		0.081	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.51	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		1.4		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		6.5		0.93	ug/m3	TO-15
Benzene		0.27		0.20	ppb v/v	TO-15
Benzene		0.87		0.64	ug/m3	TO-15
n-Heptane		2.0		0.20	ppb v/v	TO-15
n-Heptane		8.3		0.82	ug/m3	TO-15
Toluene		0.83		0.20	ppb v/v	TO-15
Toluene		3.1		0.75	ug/m3	TO-15
Ethylbenzene		0.17	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.76	J	0.87	ug/m3	TO-15
m,p-Xylene		0.55		0.50	ppb v/v	TO-15
m,p-Xylene		2.4		2.2	ug/m3	TO-15
Xylene, o-		0.18	J	0.20	ppb v/v	TO-15
Xylene, o-		0.78	J	0.87	ug/m3	TO-15
Xylene (total)		0.73		0.20	ppb v/v	TO-15
Xylene (total)		3.2		0.87	ug/m3	TO-15
Styrene		0.048	J	0.20	ppb v/v	TO-15
Styrene		0.20	J	0.85	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Client Sample ID / Analyte	Result	Qualifier	Reporting Limit	Units	Method
1,2,4-Trimethylbenzene	0.13	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene	0.66	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-6	**776VMP0201HA**					
Dichlorodifluoromethane		0.48	J	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.4	J	2.5	ug/m3	TO-15
Freon 22		19	Q	0.50	ppb v/v	TO-15
Freon 22		68	Q	1.8	ug/m3	TO-15
Chloromethane		0.83		0.50	ppb v/v	TO-15
Chloromethane		1.7		1.0	ug/m3	TO-15
n-Butane		0.98		0.50	ppb v/v	TO-15
n-Butane		2.3		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.27		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5		1.1	ug/m3	TO-15
Freon TF		0.089	J	0.20	ppb v/v	TO-15
Freon TF		0.68	J	1.5	ug/m3	TO-15
Acetone		15		5.0	ppb v/v	TO-15
Acetone		36		12	ug/m3	TO-15
Isopropyl alcohol		18		5.0	ppb v/v	TO-15
Isopropyl alcohol		44		12	ug/m3	TO-15
Carbon disulfide		0.11	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.33	J	1.6	ug/m3	TO-15
Methylene Chloride		0.28	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.98	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.56	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.7	J	15	ug/m3	TO-15
n-Hexane		2.4		0.20	ppb v/v	TO-15
n-Hexane		8.5		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.2		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.6		1.5	ug/m3	TO-15
Cyclohexane		1.6		0.20	ppb v/v	TO-15
Cyclohexane		5.5		0.69	ug/m3	TO-15
Carbon tetrachloride		0.088	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.56	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		1.4		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		6.5		0.93	ug/m3	TO-15
Benzene		0.29		0.20	ppb v/v	TO-15
Benzene		0.92		0.64	ug/m3	TO-15
n-Heptane		1.7		0.20	ppb v/v	TO-15
n-Heptane		7.1		0.82	ug/m3	TO-15
Trichloroethene		0.061	J	0.20	ppb v/v	TO-15
Trichloroethene		0.33	J	1.1	ug/m3	TO-15
methyl isobutyl ketone		0.095	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.39	J	2.0	ug/m3	TO-15
Toluene		0.95		0.20	ppb v/v	TO-15
Toluene		3.6		0.75	ug/m3	TO-15
Ethylbenzene		0.23		0.20	ppb v/v	TO-15
Ethylbenzene		0.98		0.87	ug/m3	TO-15
m,p-Xylene		0.73		0.50	ppb v/v	TO-15
m,p-Xylene		3.2		2.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene, o-		0.23		0.20	ppb v/v	TO-15
Xylene, o-		1.0		0.87	ug/m3	TO-15
Xylene (total)		0.96		0.20	ppb v/v	TO-15
Xylene (total)		4.2		0.87	ug/m3	TO-15
4-Ethyltoluene		0.055	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.27	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.15	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.73	J	0.98	ug/m3	TO-15
Naphthalene		0.096	J	0.50	ppb v/v	TO-15
Naphthalene		0.50	J	2.6	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-7	**776VMP0301HA**					
Dichlorodifluoromethane		0.54		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		14	Q	0.50	ppb v/v	TO-15
Freon 22		50	Q	1.8	ug/m3	TO-15
Chloromethane		0.58		0.50	ppb v/v	TO-15
Chloromethane		1.2		1.0	ug/m3	TO-15
n-Butane		0.76		0.50	ppb v/v	TO-15
n-Butane		1.8		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.26		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5		1.1	ug/m3	TO-15
Freon TF		0.082	J	0.20	ppb v/v	TO-15
Freon TF		0.63	J	1.5	ug/m3	TO-15
Acetone		16		5.0	ppb v/v	TO-15
Acetone		37		12	ug/m3	TO-15
Isopropyl alcohol		14		5.0	ppb v/v	TO-15
Isopropyl alcohol		34		12	ug/m3	TO-15
Methylene Chloride		0.23	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.79	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.34	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.0	J	15	ug/m3	TO-15
n-Hexane		2.0		0.20	ppb v/v	TO-15
n-Hexane		7.2		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.6		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		4.6		1.5	ug/m3	TO-15
Cyclohexane		1.4		0.20	ppb v/v	TO-15
Cyclohexane		5.0		0.69	ug/m3	TO-15
Carbon tetrachloride		0.085	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.53	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		1.2		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		5.7		0.93	ug/m3	TO-15
Benzene		0.31		0.20	ppb v/v	TO-15
Benzene		0.99		0.64	ug/m3	TO-15
1,2-Dichloroethane		0.071	J	0.20	ppb v/v	TO-15
1,2-Dichloroethane		0.29	J	0.81	ug/m3	TO-15
n-Heptane		1.3		0.20	ppb v/v	TO-15
n-Heptane		5.4		0.82	ug/m3	TO-15
Trichloroethene		0.45		0.20	ppb v/v	TO-15
Trichloroethene		2.4		1.1	ug/m3	TO-15
Toluene		1.0		0.20	ppb v/v	TO-15
Toluene		3.8		0.75	ug/m3	TO-15
Ethylbenzene		0.23		0.20	ppb v/v	TO-15
Ethylbenzene		0.98		0.87	ug/m3	TO-15
m,p-Xylene		0.59		0.50	ppb v/v	TO-15
m,p-Xylene		2.6		2.2	ug/m3	TO-15
Xylene, o-		0.17	J	0.20	ppb v/v	TO-15
Xylene, o-		0.72	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		0.76		0.20	ppb v/v	TO-15
Xylene (total)		3.3		0.87	ug/m3	TO-15
Styrene		0.033	J	0.20	ppb v/v	TO-15
Styrene		0.14	J	0.85	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-8	**774IA1IA**					
Dichlorodifluoromethane		0.61		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.0		2.5	ug/m3	TO-15
Freon 22		3.0	Q	0.50	ppb v/v	TO-15
Freon 22		10	Q	1.8	ug/m3	TO-15
Chloromethane		1.3		0.50	ppb v/v	TO-15
Chloromethane		2.7		1.0	ug/m3	TO-15
n-Butane		1.0		0.50	ppb v/v	TO-15
n-Butane		2.5		1.2	ug/m3	TO-15
Chloroethane		0.077	J	0.50	ppb v/v	TO-15
Chloroethane		0.20	J	1.3	ug/m3	TO-15
Trichlorofluoromethane		0.57		0.20	ppb v/v	TO-15
Trichlorofluoromethane		3.2		1.1	ug/m3	TO-15
Freon TF		0.094	J	0.20	ppb v/v	TO-15
Freon TF		0.72	J	1.5	ug/m3	TO-15
Acetone		19		5.0	ppb v/v	TO-15
Acetone		44		12	ug/m3	TO-15
Isopropyl alcohol		11		5.0	ppb v/v	TO-15
Isopropyl alcohol		26		12	ug/m3	TO-15
Methylene Chloride		0.30	J	0.50	ppb v/v	TO-15
Methylene Chloride		1.0	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.57	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.7	J	15	ug/m3	TO-15
n-Hexane		0.55		0.20	ppb v/v	TO-15
n-Hexane		1.9		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		5.2		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		15		1.5	ug/m3	TO-15
Chloroform		0.066	J	0.20	ppb v/v	TO-15
Chloroform		0.32	J	0.98	ug/m3	TO-15
Cyclohexane		0.17	J M	0.20	ppb v/v	TO-15
Cyclohexane		0.57	J M	0.69	ug/m3	TO-15
Carbon tetrachloride		0.073	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.46	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.12	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.55	J	0.93	ug/m3	TO-15
Benzene		0.22		0.20	ppb v/v	TO-15
Benzene		0.69		0.64	ug/m3	TO-15
n-Heptane		0.16	J	0.20	ppb v/v	TO-15
n-Heptane		0.66	J	0.82	ug/m3	TO-15
Trichloroethene		0.042	J	0.20	ppb v/v	TO-15
Trichloroethene		0.22	J	1.1	ug/m3	TO-15
Methyl methacrylate		0.23	J	0.50	ppb v/v	TO-15
Methyl methacrylate		0.93	J	2.0	ug/m3	TO-15
1,4-Dioxane		0.45	J	5.0	ppb v/v	TO-15
1,4-Dioxane		1.6	J	18	ug/m3	TO-15
methyl isobutyl ketone		0.25	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		1.0	J	2.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Toluene		0.19	J	0.20	ppb v/v	TO-15
Toluene		0.71	J	0.75	ug/m3	TO-15
Ethylbenzene		0.045	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.19	J	0.87	ug/m3	TO-15
m,p-Xylene		0.10	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.44	J	2.2	ug/m3	TO-15
Xylene, o-		0.042	J	0.20	ppb v/v	TO-15
Xylene, o-		0.18	J	0.87	ug/m3	TO-15
Xylene (total)		0.14	J	0.20	ppb v/v	TO-15
Xylene (total)		0.62	J	0.87	ug/m3	TO-15
Styrene		0.041	J	0.20	ppb v/v	TO-15
Styrene		0.18	J	0.85	ug/m3	TO-15
1,3-Dichlorobenzene		0.044	J	0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		0.27	J	1.2	ug/m3	TO-15
1,4-Dichlorobenzene		0.076	J	0.20	ppb v/v	TO-15
1,4-Dichlorobenzene		0.46	J	1.2	ug/m3	TO-15
280-39218-9	**774776OA1IA**					
Dichlorodifluoromethane		0.54		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		0.31	J	0.50	ppb v/v	TO-15
Freon 22		1.1	J	1.8	ug/m3	TO-15
Chloromethane		0.75		0.50	ppb v/v	TO-15
Chloromethane		1.5		1.0	ug/m3	TO-15
n-Butane		0.58		0.50	ppb v/v	TO-15
n-Butane		1.4		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.25		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.084	J	0.20	ppb v/v	TO-15
Freon TF		0.64	J	1.5	ug/m3	TO-15
Acetone		6.2		5.0	ppb v/v	TO-15
Acetone		15		12	ug/m3	TO-15
Methylene Chloride		0.28	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.98	J	1.7	ug/m3	TO-15
n-Hexane		0.14	J	0.20	ppb v/v	TO-15
n-Hexane		0.48	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.50		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.5		1.5	ug/m3	TO-15
Carbon tetrachloride		0.075	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.47	J M	1.3	ug/m3	TO-15
Benzene		0.19	J	0.20	ppb v/v	TO-15
Benzene		0.61	J	0.64	ug/m3	TO-15
Toluene		0.10	J	0.20	ppb v/v	TO-15
Toluene		0.39	J	0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-10	**776IA1HA**					
Dichlorodifluoromethane		0.44	J	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.2	J	2.5	ug/m3	TO-15
Freon 22		20		0.50	ppb v/v	TO-15
Freon 22		69		1.8	ug/m3	TO-15
Chloromethane		0.86		0.50	ppb v/v	TO-15
Chloromethane		1.8		1.0	ug/m3	TO-15
n-Butane		0.94		0.50	ppb v/v	TO-15
n-Butane		2.2		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.25		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.083	J	0.20	ppb v/v	TO-15
Freon TF		0.63	J	1.5	ug/m3	TO-15
Acetone		12		5.0	ppb v/v	TO-15
Acetone		28		12	ug/m3	TO-15
Isopropyl alcohol		18		5.0	ppb v/v	TO-15
Isopropyl alcohol		43		12	ug/m3	TO-15
Methylene Chloride		0.34	J	0.50	ppb v/v	TO-15
Methylene Chloride		1.2	J	1.7	ug/m3	TO-15
n-Hexane		0.15	J	0.20	ppb v/v	TO-15
n-Hexane		0.54	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.73		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.1		1.5	ug/m3	TO-15
Cyclohexane		0.066	J	0.20	ppb v/v	TO-15
Cyclohexane		0.23	J	0.69	ug/m3	TO-15
Carbon tetrachloride		0.070	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.44	J	1.3	ug/m3	TO-15
Benzene		0.45		0.20	ppb v/v	TO-15
Benzene		1.4		0.64	ug/m3	TO-15
n-Heptane		0.035	J	0.20	ppb v/v	TO-15
n-Heptane		0.14	J	0.82	ug/m3	TO-15
methyl isobutyl ketone		0.26	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		1.1	J	2.0	ug/m3	TO-15
Toluene		1.1		0.20	ppb v/v	TO-15
Toluene		4.3		0.75	ug/m3	TO-15
Tetrachloroethene		0.056	J M	0.20	ppb v/v	TO-15
Tetrachloroethene		0.38	J M	1.4	ug/m3	TO-15
Ethylbenzene		0.067	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.29	J	0.87	ug/m3	TO-15
m,p-Xylene		0.053	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.23	J	2.2	ug/m3	TO-15
Xylene (total)		0.053	J	0.20	ppb v/v	TO-15
Xylene (total)		0.23	J	0.87	ug/m3	TO-15

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39218-1

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: FPM Remediations Inc

Job Number: 280-39218-1

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

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1
Client Matrix: Air

Date Sampled: 02/21/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.68	J	0.040	1.0
Freon 22	2.1	Q	0.046	1.0
1,2-Dichlorotetrafluoroethane	0.16	U	0.040	0.40
Chloromethane	1.0		0.068	1.0
n-Butane	1.6		0.044	1.0
Vinyl chloride	0.056	U	0.018	0.40
1,3-Butadiene	0.16	U	0.050	0.40
Bromomethane	0.16	U	0.054	0.40
Chloroethane	0.16	U	0.066	1.0
Bromoethene(Vinyl Bromide)	0.080	U	0.038	0.40
Trichlorofluoromethane	0.35	J	0.042	0.40
Freon TF	0.11	J	0.040	0.40
1,1-Dichloroethene	0.40	U	0.17	0.40
Acetone	36		0.80	10
Isopropyl alcohol	26		0.15	10
Carbon disulfide	0.49	J	0.040	1.0
3-Chloropropene	0.16	U	0.094	1.0
Methylene Chloride	0.46	J	0.046	1.0
tert-Butyl alcohol	0.16	U	0.082	10
Methyl tert-butyl ether	0.080	U	0.030	0.40
trans-1,2-Dichloroethene	0.16	U	0.046	0.40
n-Hexane	7.5		0.040	0.40
1,1-Dichloroethane	0.16	U	0.046	0.40
Methyl Ethyl Ketone	2.1		0.050	1.0
cis-1,2-Dichloroethene	0.40	U	0.17	0.40
1,2-Dichloroethene, Total	0.16	U	0.046	0.40
Chloroform	0.16	U	0.048	0.40
Tetrahydrofuran	0.16	U	0.058	10
1,1,1-Trichloroethane	0.16	U	0.040	0.40
Cyclohexane	5.3		0.038	0.40
Carbon tetrachloride	0.080	U	0.026	0.40
2,2,4-Trimethylpentane	3.1		0.030	0.40
Benzene	0.42		0.036	0.40
1,2-Dichloroethane	0.080	U	0.036	0.40
n-Heptane	4.3		0.034	0.40
Trichloroethene	0.10	J	0.018	0.40
Methyl methacrylate	0.080	U	0.032	1.0
1,2-Dichloropropane	0.16	U	0.046	0.40
1,4-Dioxane	0.40	U	0.14	10
Bromodichloromethane	0.080	U	0.024	0.40
cis-1,3-Dichloropropene	0.080	U	0.026	0.40
methyl isobutyl ketone	0.16	U	0.068	1.0
Toluene	2.0		0.028	0.40
trans-1,3-Dichloropropene	0.080	U	0.030	0.40
1,1,2-Trichloroethane	0.080	U	0.032	0.40
Tetrachloroethene	0.080	U	0.030	0.40

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1
Client Matrix: Air

Date Sampled: 02/21/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.16	U	0.080	1.0
Dibromochloromethane	0.080	U	0.022	0.40
1,2-Dibromoethane	0.080	U	0.028	0.40
Chlorobenzene	0.080	U	0.026	0.40
Ethylbenzene	0.41		0.030	0.40
m,p-Xylene	1.5		0.044	1.0
Xylene, o-	0.46		0.032	0.40
Xylene (total)	1.9		0.032	0.40
Styrene	0.096	J	0.022	0.40
Bromoform	0.056	U	0.014	0.40
Cumene	0.080	U	0.022	0.40
1,1,2,2-Tetrachloroethane	0.080	U	0.022	0.40
n-Propylbenzene	0.080	U	0.026	0.40
4-Ethyltoluene	0.11	J	0.030	0.40
1,3,5-Trimethylbenzene	0.11	J	0.038	0.40
2-Chlorotoluene	0.080	U	0.026	0.40
tert-Butylbenzene	0.080	U	0.022	0.40
1,2,4-Trimethylbenzene	0.26	J	0.042	0.40
sec-Butylbenzene	0.080	U	0.030	0.40
4-Isopropyltoluene	0.16	U	0.040	0.40
1,3-Dichlorobenzene	0.080	U	0.038	0.40
1,4-Dichlorobenzene	0.080	U	0.036	0.40
Benzyl chloride	0.16	U	0.044	0.40
n-Butylbenzene	0.16	U	0.044	0.40
1,2-Dichlorobenzene	0.16	U	0.052	0.40
1,2,4-Trichlorobenzene	0.16	U	0.060	1.0
Hexachlorobutadiene	0.16	U	0.058	0.40
Naphthalene	0.22	J	0.076	1.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.4	J	0.20	4.9
Freon 22	7.3	Q	0.16	3.5
1,2-Dichlorotetrafluoroethane	1.1	U	0.28	2.8
Chloromethane	2.1		0.14	2.1
n-Butane	3.7		0.10	2.4
Vinyl chloride	0.14	U	0.047	1.0
1,3-Butadiene	0.35	U	0.11	0.88
Bromomethane	0.62	U	0.21	1.6
Chloroethane	0.42	U	0.17	2.6
Bromoethene(Vinyl Bromide)	0.35	U	0.17	1.7
Trichlorofluoromethane	2.0	J	0.24	2.2
Freon TF	0.84	J	0.31	3.1
1,1-Dichloroethene	1.6	U	0.68	1.6
Acetone	86		1.9	24
Isopropyl alcohol	65		0.37	25
Carbon disulfide	1.5	J	0.12	3.1

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1
Client Matrix: Air

Date Sampled: 02/21/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.50	U	0.29	3.1
Methylene Chloride	1.6	J	0.16	3.5
tert-Butyl alcohol	0.49	U	0.25	30
Methyl tert-butyl ether	0.29	U	0.11	1.4
trans-1,2-Dichloroethene	0.63	U	0.18	1.6
n-Hexane	27		0.14	1.4
1,1-Dichloroethane	0.65	U	0.19	1.6
Methyl Ethyl Ketone	6.1		0.15	2.9
cis-1,2-Dichloroethene	1.6	U	0.67	1.6
1,2-Dichloroethene, Total	0.63	U	0.18	1.6
Chloroform	0.78	U	0.23	2.0
Tetrahydrofuran	0.47	U	0.17	29
1,1,1-Trichloroethane	0.87	U	0.22	2.2
Cyclohexane	18		0.13	1.4
Carbon tetrachloride	0.50	U	0.16	2.5
2,2,4-Trimethylpentane	15		0.14	1.9
Benzene	1.3		0.12	1.3
1,2-Dichloroethane	0.32	U	0.15	1.6
n-Heptane	18		0.14	1.6
Trichloroethene	0.55	J	0.099	2.1
Methyl methacrylate	0.33	U	0.13	4.1
1,2-Dichloropropane	0.74	U	0.21	1.8
1,4-Dioxane	1.4	U	0.50	36
Bromodichloromethane	0.54	U	0.16	2.7
cis-1,3-Dichloropropene	0.36	U	0.12	1.8
methyl isobutyl ketone	0.66	U	0.28	4.1
Toluene	7.4		0.11	1.5
trans-1,3-Dichloropropene	0.36	U	0.14	1.8
1,1,2-Trichloroethane	0.44	U	0.17	2.2
Tetrachloroethene	0.54	U	0.20	2.7
Methyl Butyl Ketone (2-Hexanone)	0.66	U	0.33	4.1
Dibromochloromethane	0.68	U	0.19	3.4
1,2-Dibromoethane	0.61	U	0.22	3.1
Chlorobenzene	0.37	U	0.12	1.8
Ethylbenzene	1.8		0.13	1.7
m,p-Xylene	6.4		0.19	4.3
Xylene, o-	2.0		0.14	1.7
Xylene (total)	8.4		0.14	1.7
Styrene	0.41	J	0.094	1.7
Bromoform	0.58	U	0.15	4.1
Cumene	0.39	U	0.11	2.0
1,1,2,2-Tetrachloroethane	0.55	U	0.15	2.7
n-Propylbenzene	0.39	U	0.13	2.0
4-Ethyltoluene	0.55	J	0.15	2.0
1,3,5-Trimethylbenzene	0.52	J	0.19	2.0
2-Chlorotoluene	0.41	U	0.13	2.1

Client: FPM Remediations Inc | Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1 | Date Sampled: 02/21/2013 1100
Client Matrix: Air | Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.44	U	0.12	2.2
1,2,4-Trimethylbenzene	1.3	J	0.21	2.0
sec-Butylbenzene	0.44	U	0.16	2.2
4-Isopropyltoluene	0.88	U	0.22	2.2
1,3-Dichlorobenzene	0.48	U	0.23	2.4
1,4-Dichlorobenzene	0.48	U	0.22	2.4
Benzyl chloride	0.83	U	0.23	2.1
n-Butylbenzene	0.88	U	0.24	2.2
1,2-Dichlorobenzene	0.96	U	0.31	2.4
1,2,4-Trichlorobenzene	1.2	U	0.45	7.4
Hexachlorobutadiene	1.7	U	0.62	4.3
Naphthalene	1.1	J	0.40	5.2

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0201HA**

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.020	0.50
Freon 22	1.9	Q	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.91		0.034	0.50
n-Butane	1.5		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.33		0.021	0.20
Freon TF	0.085	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	34		0.40	5.0
Isopropyl alcohol	16		0.076	5.0
Carbon disulfide	0.14	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.22	J	0.023	0.50
tert-Butyl alcohol	0.46	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	6.7		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.8		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	3.6		0.019	0.20
Carbon tetrachloride	0.12	J	0.013	0.20
2,2,4-Trimethylpentane	2.6		0.015	0.20
Benzene	0.37		0.018	0.20
1,2-Dichloroethane	0.091	J	0.018	0.20
n-Heptane	4.3		0.017	0.20
Trichloroethene	0.045	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.2		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0201HA**

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.35		0.015	0.20
m,p-Xylene	1.1		0.022	0.50
Xylene, o-	0.28		0.016	0.20
Xylene (total)	1.4		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.053	J	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.091	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.099	2.5
Freon 22	6.7	Q	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.9		0.070	1.0
n-Butane	3.6		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.8		0.12	1.1
Freon TF	0.65	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	82		0.95	12
Isopropyl alcohol	39		0.19	12
Carbon disulfide	0.42	J	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0201HA**

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.77	J	0.080	1.7
tert-Butyl alcohol	1.4	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	23		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	5.4		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	12		0.065	0.69
Carbon tetrachloride	0.76	J	0.082	1.3
2,2,4-Trimethylpentane	12		0.070	0.93
Benzene	1.2		0.058	0.64
1,2-Dichloroethane	0.37	J	0.073	0.81
n-Heptane	18		0.070	0.82
Trichloroethene	0.24	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	4.7		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	1.5		0.065	0.87
m,p-Xylene	4.7		0.096	2.2
Xylene, o-	1.2		0.069	0.87
Xylene (total)	5.9		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.26	J	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0201HA**

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.45	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.71	J D	0.10	2.5
Freon 22	3.2	D Q	0.12	2.5
1,2-Dichlorotetrafluoroethane	0.40	U	0.10	1.0
Chloromethane	0.63	J D	0.17	2.5
n-Butane	1.3	J D	0.11	2.5
Vinyl chloride	0.14	U	0.046	1.0
1,3-Butadiene	0.40	U	0.13	1.0
Bromomethane	0.40	U	0.14	1.0
Chloroethane	0.40	U	0.17	2.5
Bromoethene(Vinyl Bromide)	0.20	U	0.095	1.0
Trichlorofluoromethane	0.96	J D	0.11	1.0
Freon TF	0.40	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.43	1.0
Acetone	39	D	2.0	25
Isopropyl alcohol	26	D	0.38	25
Carbon disulfide	2.9	D	0.10	2.5
3-Chloropropene	0.40	U	0.24	2.5
Methylene Chloride	0.68	J D	0.12	2.5
tert-Butyl alcohol	0.40	U	0.21	25
Methyl tert-butyl ether	0.20	U	0.075	1.0
trans-1,2-Dichloroethene	0.40	U	0.12	1.0
n-Hexane	5.8	D	0.10	1.0
1,1-Dichloroethane	0.40	U	0.12	1.0
Methyl Ethyl Ketone	4.5	D	0.13	2.5
cis-1,2-Dichloroethene	1.0	U	0.42	1.0
1,2-Dichloroethene, Total	0.40	U	0.12	1.0
Chloroform	0.40	U	0.12	1.0
Tetrahydrofuran	0.40	U	0.15	25
1,1,1-Trichloroethane	0.40	U	0.10	1.0
Cyclohexane	3.5	D	0.095	1.0
Carbon tetrachloride	0.20	U	0.065	1.0
2,2,4-Trimethylpentane	2.8	D	0.075	1.0
Benzene	0.92	J D	0.090	1.0
1,2-Dichloroethane	0.20	U	0.090	1.0
n-Heptane	4.2	D	0.085	1.0
Trichloroethene	0.25	J D	0.046	1.0
Methyl methacrylate	0.20	U	0.080	2.5
1,2-Dichloropropane	0.40	U	0.12	1.0
1,4-Dioxane	1.0	U	0.35	25
Bromodichloromethane	0.20	U	0.060	1.0
cis-1,3-Dichloropropene	0.20	U	0.065	1.0
methyl isobutyl ketone	0.26	J D	0.17	2.5
Toluene	3.1	D	0.070	1.0
trans-1,3-Dichloropropene	0.20	U	0.075	1.0
1,1,2-Trichloroethane	0.20	U	0.080	1.0
Tetrachloroethene	0.20	U	0.075	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.40	U	0.20	2.5
Dibromochloromethane	0.20	U	0.055	1.0
1,2-Dibromoethane	0.20	U	0.070	1.0
Chlorobenzene	0.20	U	0.065	1.0
Ethylbenzene	0.93	J D	0.075	1.0
m,p-Xylene	3.4	D	0.11	2.5
Xylene, o-	0.85	J D	0.080	1.0
Xylene (total)	4.2	D	0.080	1.0
Styrene	0.20	U	0.055	1.0
Bromoform	0.14	U	0.036	1.0
Cumene	0.20	U	0.055	1.0
1,1,2,2-Tetrachloroethane	0.20	U	0.055	1.0
n-Propylbenzene	0.20	U	0.065	1.0
4-Ethyltoluene	0.20	U	0.075	1.0
1,3,5-Trimethylbenzene	0.20	U	0.095	1.0
2-Chlorotoluene	0.20	U	0.065	1.0
tert-Butylbenzene	0.20	U	0.055	1.0
1,2,4-Trimethylbenzene	0.29	J D	0.11	1.0
sec-Butylbenzene	0.20	U	0.075	1.0
4-Isopropyltoluene	0.33	J D	0.10	1.0
1,3-Dichlorobenzene	0.20	U	0.095	1.0
1,4-Dichlorobenzene	0.20	U	0.090	1.0
Benzyl chloride	0.40	U	0.11	1.0
n-Butylbenzene	0.40	U	0.11	1.0
1,2-Dichlorobenzene	0.40	U	0.13	1.0
1,2,4-Trichlorobenzene	0.40	U	0.15	2.5
Hexachlorobutadiene	0.40	U	0.15	1.0
Naphthalene	0.40	U	0.19	2.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.5	J D	0.49	12
Freon 22	11	D Q	0.41	8.8
1,2-Dichlorotetrafluoroethane	2.8	U	0.70	7.0
Chloromethane	1.3	J D	0.35	5.2
n-Butane	3.2	J D	0.26	5.9
Vinyl chloride	0.36	U	0.12	2.6
1,3-Butadiene	0.88	U	0.28	2.2
Bromomethane	1.6	U	0.52	3.9
Chloroethane	1.1	U	0.44	6.6
Bromoethene(Vinyl Bromide)	0.87	U	0.42	4.4
Trichlorofluoromethane	5.4	J D	0.59	5.6
Freon TF	3.1	U	0.77	7.7
1,1-Dichloroethene	4.0	U	1.7	4.0
Acetone	94	D	4.8	59
Isopropyl alcohol	65	D	0.93	61
Carbon disulfide	9.0	D	0.31	7.8

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	0.74	7.8
Methylene Chloride	2.3	J D	0.40	8.7
tert-Butyl alcohol	1.2	U	0.62	76
Methyl tert-butyl ether	0.72	U	0.27	3.6
trans-1,2-Dichloroethene	1.6	U	0.46	4.0
n-Hexane	20	D	0.35	3.5
1,1-Dichloroethane	1.6	U	0.47	4.0
Methyl Ethyl Ketone	13	D	0.37	7.4
cis-1,2-Dichloroethene	4.0	U	1.7	4.0
1,2-Dichloroethene, Total	1.6	U	0.46	4.0
Chloroform	2.0	U	0.59	4.9
Tetrahydrofuran	1.2	U	0.43	74
1,1,1-Trichloroethane	2.2	U	0.55	5.5
Cyclohexane	12	D	0.33	3.4
Carbon tetrachloride	1.3	U	0.41	6.3
2,2,4-Trimethylpentane	13	D	0.35	4.7
Benzene	2.9	J D	0.29	3.2
1,2-Dichloroethane	0.81	U	0.36	4.0
n-Heptane	17	D	0.35	4.1
Trichloroethene	1.3	J D	0.25	5.4
Methyl methacrylate	0.82	U	0.33	10
1,2-Dichloropropane	1.8	U	0.53	4.6
1,4-Dioxane	3.6	U	1.3	90
Bromodichloromethane	1.3	U	0.40	6.7
cis-1,3-Dichloropropene	0.91	U	0.30	4.5
methyl isobutyl ketone	1.1	J D	0.70	10
Toluene	12	D	0.26	3.8
trans-1,3-Dichloropropene	0.91	U	0.34	4.5
1,1,2-Trichloroethane	1.1	U	0.44	5.5
Tetrachloroethene	1.4	U	0.51	6.8
Methyl Butyl Ketone (2-Hexanone)	1.6	U	0.82	10
Dibromochloromethane	1.7	U	0.47	8.5
1,2-Dibromoethane	1.5	U	0.54	7.7
Chlorobenzene	0.92	U	0.30	4.6
Ethylbenzene	4.0	J D	0.33	4.3
m,p-Xylene	15	D	0.48	11
Xylene, o-	3.7	J D	0.35	4.3
Xylene (total)	18	D	0.35	4.3
Styrene	0.85	U	0.23	4.3
Bromoform	1.4	U	0.37	10
Cumene	0.98	U	0.27	4.9
1,1,2,2-Tetrachloroethane	1.4	U	0.38	6.9
n-Propylbenzene	0.98	U	0.32	4.9
4-Ethyltoluene	0.98	U	0.37	4.9
1,3,5-Trimethylbenzene	0.98	U	0.47	4.9
2-Chlorotoluene	1.0	U	0.34	5.2

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	1.1	U	0.30	5.5
1,2,4-Trimethylbenzene	1.4	J D	0.52	4.9
sec-Butylbenzene	1.1	U	0.41	5.5
4-Isopropyltoluene	1.8	J D	0.55	5.5
1,3-Dichlorobenzene	1.2	U	0.57	6.0
1,4-Dichlorobenzene	1.2	U	0.54	6.0
Benzyl chloride	2.1	U	0.57	5.2
n-Butylbenzene	2.2	U	0.60	5.5
1,2-Dichlorobenzene	2.4	U	0.78	6.0
1,2,4-Trichlorobenzene	3.0	U	1.1	19
Hexachlorobutadiene	4.3	U	1.5	11
Naphthalene	2.1	U	1.0	13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.020	0.50
Freon 22	18	Q	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.75		0.034	0.50
n-Butane	1.1		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.079	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	12		0.40	5.0
Isopropyl alcohol	13		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.26	J	0.023	0.50
tert-Butyl alcohol	0.19	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	1.6		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.74		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	1.1	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.4		0.019	0.20
Carbon tetrachloride	0.059	J	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.16	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.25		0.017	0.20
Trichloroethene	0.037	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.097	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.099	2.5
Freon 22	62	Q	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.6		0.070	1.0
n-Butane	2.7		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.60	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	28		0.95	12
Isopropyl alcohol	32		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.89	J	0.080	1.7
tert-Butyl alcohol	0.57	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	5.7		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	2.2		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	3.3	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	4.9		0.065	0.69
Carbon tetrachloride	0.37	J	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.53	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	1.0		0.070	0.82
Trichloroethene	0.20	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.36	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0101HA**

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.59		0.020	0.50
Freon 22	15	Q	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.66		0.034	0.50
n-Butane	1.0		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.27		0.021	0.20
Freon TF	0.095	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	15		0.40	5.0
Isopropyl alcohol	19		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.29	J	0.023	0.50
tert-Butyl alcohol	0.34	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.3		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.9		0.019	0.20
Carbon tetrachloride	0.081	J	0.013	0.20
2,2,4-Trimethylpentane	1.4		0.015	0.20
Benzene	0.27		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	2.0		0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.83		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0101HA**

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.17	J	0.015	0.20
m,p-Xylene	0.55		0.022	0.50
Xylene, o-	0.18	J	0.016	0.20
Xylene (total)	0.73		0.016	0.20
Styrene	0.048	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.13	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.099	2.5
Freon 22	52	Q	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.4		0.070	1.0
n-Butane	2.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.5		0.12	1.1
Freon TF	0.73	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	37		0.95	12
Isopropyl alcohol	46		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0101HA**

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.0	J	0.080	1.7
tert-Butyl alcohol	1.0	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.8		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.9		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.6		0.065	0.69
Carbon tetrachloride	0.51	J	0.082	1.3
2,2,4-Trimethylpentane	6.5		0.070	0.93
Benzene	0.87		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	8.3		0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	3.1		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.76	J	0.065	0.87
m,p-Xylene	2.4		0.096	2.2
Xylene, o-	0.78	J	0.069	0.87
Xylene (total)	3.2		0.069	0.87
Styrene	0.20	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0101HA**

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.66	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J	0.020	0.50
Freon 22	19	Q	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.83		0.034	0.50
n-Butane	0.98		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.27		0.021	0.20
Freon TF	0.089	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	15		0.40	5.0
Isopropyl alcohol	18		0.076	5.0
Carbon disulfide	0.11	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.28	J	0.023	0.50
tert-Butyl alcohol	0.56	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.4		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.6		0.019	0.20
Carbon tetrachloride	0.088	J	0.013	0.20
2,2,4-Trimethylpentane	1.4		0.015	0.20
Benzene	0.29		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	1.7		0.017	0.20
Trichloroethene	0.061	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.095	J	0.034	0.50
Toluene	0.95		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.23		0.015	0.20
m,p-Xylene	0.73		0.022	0.50
Xylene, o-	0.23		0.016	0.20
Xylene (total)	0.96		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.055	J	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.15	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.096	J	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.099	2.5
Freon 22	68	Q	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.7		0.070	1.0
n-Butane	2.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.5		0.12	1.1
Freon TF	0.68	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	36		0.95	12
Isopropyl alcohol	44		0.19	12
Carbon disulfide	0.33	J	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.98	J	0.080	1.7
tert-Butyl alcohol	1.7	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	8.5		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.6		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	5.5		0.065	0.69
Carbon tetrachloride	0.56	J	0.082	1.3
2,2,4-Trimethylpentane	6.5		0.070	0.93
Benzene	0.92		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	7.1		0.070	0.82
Trichloroethene	0.33	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.39	J	0.14	2.0
Toluene	3.6		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.98		0.065	0.87
m,p-Xylene	3.2		0.096	2.2
Xylene, o-	1.0		0.069	0.87
Xylene (total)	4.2		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.27	J	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.73	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.50	J	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.020	0.50
Freon 22	14	Q	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.58		0.034	0.50
n-Butane	0.76		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.021	0.20
Freon TF	0.082	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	16		0.40	5.0
Isopropyl alcohol	14		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.23	J	0.023	0.50
tert-Butyl alcohol	0.34	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.0		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.6		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.4		0.019	0.20
Carbon tetrachloride	0.085	J	0.013	0.20
2,2,4-Trimethylpentane	1.2		0.015	0.20
Benzene	0.31		0.018	0.20
1,2-Dichloroethane	0.071	J	0.018	0.20
n-Heptane	1.3		0.017	0.20
Trichloroethene	0.45		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.0		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.23		0.015	0.20
m,p-Xylene	0.59		0.022	0.50
Xylene, o-	0.17	J	0.016	0.20
Xylene (total)	0.76		0.016	0.20
Styrene	0.033	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	50	Q	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.2		0.070	1.0
n-Butane	1.8		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.5		0.12	1.1
Freon TF	0.63	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	37		0.95	12
Isopropyl alcohol	34		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.79	J	0.080	1.7
tert-Butyl alcohol	1.0	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	7.2		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	4.6		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	5.0		0.065	0.69
Carbon tetrachloride	0.53	J	0.082	1.3
2,2,4-Trimethylpentane	5.7		0.070	0.93
Benzene	0.99		0.058	0.64
1,2-Dichloroethane	0.29	J	0.073	0.81
n-Heptane	5.4		0.070	0.82
Trichloroethene	2.4		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	3.8		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.98		0.065	0.87
m,p-Xylene	2.6		0.096	2.2
Xylene, o-	0.72	J	0.069	0.87
Xylene (total)	3.3		0.069	0.87
Styrene	0.14	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774IA1IA**

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.61		0.020	0.50
Freon 22	3.0	Q	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	1.3		0.034	0.50
n-Butane	1.0		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.077	J	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.57		0.021	0.20
Freon TF	0.094	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	19		0.40	5.0
Isopropyl alcohol	11		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.30	J	0.023	0.50
tert-Butyl alcohol	0.57	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.55		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	5.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.066	J	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.17	J M	0.019	0.20
Carbon tetrachloride	0.073	J	0.013	0.20
2,2,4-Trimethylpentane	0.12	J	0.015	0.20
Benzene	0.22		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.16	J	0.017	0.20
Trichloroethene	0.042	J	0.0092	0.20
Methyl methacrylate	0.23	J	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.45	J	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.25	J	0.034	0.50
Toluene	0.19	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774IA1IA**

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.045	J	0.015	0.20
m,p-Xylene	0.10	J	0.022	0.50
Xylene, o-	0.042	J	0.016	0.20
Xylene (total)	0.14	J	0.016	0.20
Styrene	0.041	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.044	J	0.019	0.20
1,4-Dichlorobenzene	0.076	J	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.099	2.5
Freon 22	10	Q	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	2.7		0.070	1.0
n-Butane	2.5		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.20	J	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	3.2		0.12	1.1
Freon TF	0.72	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	44		0.95	12
Isopropyl alcohol	26		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774IA1IA**

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.0	J	0.080	1.7
tert-Butyl alcohol	1.7	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	1.9		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	15		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.32	J	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.57	J M	0.065	0.69
Carbon tetrachloride	0.46	J	0.082	1.3
2,2,4-Trimethylpentane	0.55	J	0.070	0.93
Benzene	0.69		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.66	J	0.070	0.82
Trichloroethene	0.22	J	0.049	1.1
Methyl methacrylate	0.93	J	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	1.6	J	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	1.0	J	0.14	2.0
Toluene	0.71	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.19	J	0.065	0.87
m,p-Xylene	0.44	J	0.096	2.2
Xylene, o-	0.18	J	0.069	0.87
Xylene (total)	0.62	J	0.069	0.87
Styrene	0.18	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774IA1IA**

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.27	J	0.11	1.2
1,4-Dichlorobenzene	0.46	J	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774776OA1IA**

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.020	0.50
Freon 22	0.31	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.75		0.034	0.50
n-Butane	0.58		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.084	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	6.2		0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.28	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.14	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.50		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.075	J M	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.19	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.10	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774776OA1IA**

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U Q	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U Q	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	1.1	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.5		0.070	1.0
n-Butane	1.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.64	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	15		0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774776OA1IA**

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.98	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.48	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	1.5		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.47	J M	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.61	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.39	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774776OA1IA**

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U Q	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U Q	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776IA1HA**

Lab Sample ID: 280-39218-10
Client Matrix: Air

Date Sampled: 02/21/2013 0850
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.44	J	0.020	0.50
Freon 22	20		0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.86		0.034	0.50
n-Butane	0.94		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.083	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	12		0.40	5.0
Isopropyl alcohol	18		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.34	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.15	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.73		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.066	J	0.019	0.20
Carbon tetrachloride	0.070	J	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.45		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.035	J	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.26	J	0.034	0.50
Toluene	1.1		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.056	J M	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776IA1HA**

Lab Sample ID: 280-39218-10
Client Matrix: Air

Date Sampled: 02/21/2013 0850
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.067	J	0.015	0.20
m,p-Xylene	0.053	J	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.053	J	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U Q	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U Q	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.2	J	0.099	2.5
Freon 22	69		0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.8		0.070	1.0
n-Butane	2.2		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.63	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	28		0.95	12
Isopropyl alcohol	43		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776IA1HA**

Lab Sample ID: 280-39218-10
Client Matrix: Air

Date Sampled: 02/21/2013 0850
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.2	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.54	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	2.1		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.23	J	0.065	0.69
Carbon tetrachloride	0.44	J	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	1.4		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.14	J	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	1.1	J	0.14	2.0
Toluene	4.3		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.38	J M	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.29	J	0.065	0.87
m,p-Xylene	0.23	J	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.23	J	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776IA1HA**

Lab Sample ID: 280-39218-10
Client Matrix: Air

Date Sampled: 02/21/2013 0850
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U Q	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U Q	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53040

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53040/5	Analysis Batch:	200-53040	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clie005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 1443	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 1443			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.080	U	0.020	0.50
Freon 22	0.080	U	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.0662	J	0.034	0.50
n-Butane	0.0948	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.080	U	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	0.50	U	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.118	J M	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.080	U	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.040	U	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53040

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53040/5	Analysis Batch:	200-53040	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clie005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 1443	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 1443			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.015	0.20
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53040

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53040/5	Analysis Batch:	200-53040	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clie005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 1443	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 1443			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.40	U	0.099	2.5
Freon 22	0.28	U	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.137	J	0.070	1.0
n-Butane	0.225	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.45	U	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	1.2	U	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.409	J M	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.24	U	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.15	U	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53040

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53040/5	Analysis Batch:	200-53040	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clie005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 1443	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 1443			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Control Sample - Batch: 200-53040

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-53040/4	Analysis Batch:	200-53040	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clie004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 1346	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 1346			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	12.8	128	70 - 130	
Freon 22	10.0	13.1	131	70 - 130	Q
1,2-Dichlorotetrafluoroethane	10.0	11.8	118	70 - 130	
Chloromethane	10.0	12.0	120	70 - 130	
n-Butane	10.0	11.9	119	70 - 130	
Vinyl chloride	10.0	10.9	109	70 - 130	
1,3-Butadiene	10.0	11.6	116	70 - 130	
Bromomethane	10.0	10.4	104	70 - 130	
Chloroethane	10.0	11.2	112	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.8	108	70 - 130	
Trichlorofluoromethane	10.0	11.6	116	70 - 130	
Freon TF	10.0	11.9	119	70 - 130	
1,1-Dichloroethene	10.0	11.8	118	70 - 130	
Acetone	10.0	10.6	107	70 - 130	
Isopropyl alcohol	10.0	12.2	122	70 - 130	
Carbon disulfide	10.0	11.3	113	70 - 130	
3-Chloropropene	10.0	10.1	101	70 - 130	M
Methylene Chloride	10.0	12.5	125	70 - 130	
tert-Butyl alcohol	10.0	12.2	122	70 - 130	
Methyl tert-butyl ether	10.0	9.77	98	70 - 130	
trans-1,2-Dichloroethene	10.0	11.4	114	70 - 130	
n-Hexane	10.0	11.3	113	70 - 130	
1,1-Dichloroethane	10.0	11.4	114	70 - 130	
Methyl Ethyl Ketone	10.0	9.39	94	70 - 130	
cis-1,2-Dichloroethene	10.0	10.7	107	70 - 130	
Chloroform	10.0	11.3	113	70 - 130	
Tetrahydrofuran	10.0	10.6	106	70 - 130	
1,1,1-Trichloroethane	10.0	11.3	113	70 - 130	
Cyclohexane	10.0	10.7	107	70 - 130	
Carbon tetrachloride	10.0	10.8	108	70 - 130	
2,2,4-Trimethylpentane	10.0	11.5	115	70 - 130	
Benzene	10.0	9.89	99	70 - 130	
1,2-Dichloroethane	10.0	11.8	118	70 - 130	
n-Heptane	10.0	11.7	117	70 - 130	
Trichloroethene	10.0	10.3	103	70 - 130	
Methyl methacrylate	10.0	9.15	91	70 - 130	
1,2-Dichloropropane	10.0	10.8	108	70 - 130	
1,4-Dioxane	10.0	9.00	90	70 - 130	
Bromodichloromethane	10.0	11.7	117	70 - 130	
cis-1,3-Dichloropropene	10.0	10.8	108	70 - 130	
methyl isobutyl ketone	10.0	11.3	114	70 - 130	
Toluene	10.0	9.98	100	70 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130	
1,1,2-Trichloroethane	10.0	10.1	101	70 - 130	
Tetrachloroethene	10.0	9.75	98	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.9	119	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Control Sample - Batch: 200-53040

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-53040/4	Analysis Batch:	200-53040	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clie004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 1346	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 1346			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	11.4	114	70 - 130	
1,2-Dibromoethane	10.0	10.3	103	70 - 130	
Chlorobenzene	10.0	9.84	98	70 - 130	
Ethylbenzene	10.0	9.59	96	70 - 130	
m,p-Xylene	20.0	17.8	89	70 - 130	
Xylene, o-	10.0	8.98	90	70 - 130	
Styrene	10.0	9.49	95	70 - 130	
Bromoform	10.0	10.6	106	70 - 130	
Cumene	10.0	9.18	92	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.07	91	70 - 130	
n-Propylbenzene	10.0	9.56	96	70 - 130	
4-Ethyltoluene	10.0	9.55	96	70 - 130	
1,3,5-Trimethylbenzene	10.0	8.76	88	70 - 130	
2-Chlorotoluene	10.0	10.4	104	70 - 130	
tert-Butylbenzene	10.0	8.73	87	70 - 130	
1,2,4-Trimethylbenzene	10.0	8.75	88	70 - 130	
sec-Butylbenzene	10.0	8.97	90	70 - 130	
4-Isopropyltoluene	10.0	8.74	87	70 - 130	
1,3-Dichlorobenzene	10.0	8.53	85	70 - 130	
1,4-Dichlorobenzene	10.0	8.55	85	70 - 130	
Benzyl chloride	10.0	9.49	95	70 - 130	
n-Butylbenzene	10.0	9.74	97	70 - 130	
1,2-Dichlorobenzene	10.0	8.22	82	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.95	89	70 - 130	
Hexachlorobutadiene	10.0	8.64	86	70 - 130	
Naphthalene	10.0	10.4	104	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53337

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53337/4	Analysis Batch:	200-53337	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clja004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1656	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1656			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.080	U	0.020	0.50
Freon 22	0.080	U	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.080	U	0.034	0.50
n-Butane	0.080	U	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.080	U	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	0.50	U M	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.0950	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.080	U	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.040	U	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53337

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53337/4	Analysis Batch:	200-53337	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clja004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1656	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1656			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.015	0.20
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53337

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53337/4	Analysis Batch:	200-53337	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clja004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1656	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1656			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.40	U	0.099	2.5
Freon 22	0.28	U	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.17	U	0.070	1.0
n-Butane	0.19	U	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.45	U	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	1.2	U M	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.330	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.24	U	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.15	U	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1

Client: FPM Remediations Inc

Job Number: 280-39218-1

Method Blank - Batch: 200-53337

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53337/4	Analysis Batch:	200-53337	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clja004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1656	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1656			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Control Sample - Batch: 200-53337

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-53337/3	Analysis Batch:	200-53337	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clja003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1603	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1603			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.0	110	70 - 130	
Freon 22	10.0	10.9	109	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.7	107	70 - 130	
Chloromethane	10.0	10.8	108	70 - 130	
n-Butane	10.0	10.7	107	70 - 130	
Vinyl chloride	10.0	10.7	107	70 - 130	
1,3-Butadiene	10.0	11.3	113	70 - 130	
Bromomethane	10.0	10.5	105	70 - 130	
Chloroethane	10.0	10.6	106	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.2	102	70 - 130	
Trichlorofluoromethane	10.0	10.3	103	70 - 130	
Freon TF	10.0	11.1	111	70 - 130	
1,1-Dichloroethene	10.0	10.9	109	70 - 130	
Acetone	10.0	12.2	122	70 - 130	
Isopropyl alcohol	10.0	11.4	114	70 - 130	
Carbon disulfide	10.0	10.3	103	70 - 130	
3-Chloropropene	10.0	10.8	108	70 - 130	M
Methylene Chloride	10.0	10.9	109	70 - 130	
tert-Butyl alcohol	10.0	10.2	102	70 - 130	
Methyl tert-butyl ether	10.0	11.4	114	70 - 130	
trans-1,2-Dichloroethene	10.0	10.4	104	70 - 130	
n-Hexane	10.0	10.2	102	70 - 130	
1,1-Dichloroethane	10.0	10.3	103	70 - 130	
Methyl Ethyl Ketone	10.0	11.5	115	70 - 130	
cis-1,2-Dichloroethene	10.0	10.2	102	70 - 130	
Chloroform	10.0	10.1	101	70 - 130	
Tetrahydrofuran	10.0	11.8	118	70 - 130	
1,1,1-Trichloroethane	10.0	10.3	103	70 - 130	
Cyclohexane	10.0	10.3	103	70 - 130	
Carbon tetrachloride	10.0	10.1	101	70 - 130	
2,2,4-Trimethylpentane	10.0	10.3	103	70 - 130	
Benzene	10.0	9.73	97	70 - 130	
1,2-Dichloroethane	10.0	10.3	103	70 - 130	
n-Heptane	10.0	10.4	104	70 - 130	
Trichloroethene	10.0	9.32	93	70 - 130	
Methyl methacrylate	10.0	11.1	111	70 - 130	
1,2-Dichloropropane	10.0	9.99	100	70 - 130	
1,4-Dioxane	10.0	11.0	110	70 - 130	
Bromodichloromethane	10.0	10.4	104	70 - 130	
cis-1,3-Dichloropropene	10.0	9.75	98	70 - 130	
methyl isobutyl ketone	10.0	11.7	117	70 - 130	
Toluene	10.0	9.24	92	70 - 130	
trans-1,3-Dichloropropene	10.0	10.1	101	70 - 130	
1,1,2-Trichloroethane	10.0	9.12	91	70 - 130	
Tetrachloroethene	10.0	9.34	93	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Control Sample - Batch: 200-53337

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-53337/3	Analysis Batch:	200-53337	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clja003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1603	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1603			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	10.2	102	70 - 130	
1,2-Dibromoethane	10.0	9.18	92	70 - 130	
Chlorobenzene	10.0	9.25	92	70 - 130	
Ethylbenzene	10.0	9.80	98	70 - 130	
m,p-Xylene	20.0	20.4	102	70 - 130	
Xylene, o-	10.0	9.97	100	70 - 130	
Styrene	10.0	10.2	102	70 - 130	
Bromoform	10.0	10.7	107	70 - 130	
Cumene	10.0	10.6	106	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.85	99	70 - 130	
n-Propylbenzene	10.0	10.9	109	70 - 130	
4-Ethyltoluene	10.0	12.1	121	70 - 130	
1,3,5-Trimethylbenzene	10.0	11.0	110	70 - 130	
2-Chlorotoluene	10.0	11.4	114	70 - 130	
tert-Butylbenzene	10.0	11.3	113	70 - 130	
1,2,4-Trimethylbenzene	10.0	11.4	114	70 - 130	
sec-Butylbenzene	10.0	11.5	115	70 - 130	
4-Isopropyltoluene	10.0	12.4	124	70 - 130	
1,3-Dichlorobenzene	10.0	10.6	106	70 - 130	
1,4-Dichlorobenzene	10.0	10.4	104	70 - 130	
Benzyl chloride	10.0	11.2	112	70 - 130	
n-Butylbenzene	10.0	13.0	130	70 - 130	
1,2-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,2,4-Trichlorobenzene	10.0	15.2	152	70 - 130	Q
Hexachlorobutadiene	10.0	13.0	130	70 - 130	
Naphthalene	10.0	20.0	200	70 - 130	Q

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-39218-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

Client: FPM Remediations Inc

Job Number: 280-39218-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-53040					
LCS 200-53040/4	Lab Control Sample	T	Air	TO-15	
MB 200-53040/5	Method Blank	T	Air	TO-15	
280-39218-1	774VMP0101HA	T	Air	TO-15	
280-39218-2	774VMP0201HA	T	Air	TO-15	
280-39218-3	774VMP0301HA	T	Air	TO-15	
280-39218-4	776VMP0201HC	T	Air	TO-15	
280-39218-5	776VMP0101HA	T	Air	TO-15	
280-39218-6	776VMP0201HA	T	Air	TO-15	
280-39218-7	776VMP0301HA	T	Air	TO-15	
280-39218-8	774IA1IA	T	Air	TO-15	
Analysis Batch:200-53337					
LCS 200-53337/3	Lab Control Sample	T	Air	TO-15	
MB 200-53337/4	Method Blank	T	Air	TO-15	
280-39218-9	774776OA1IA	T	Air	TO-15	
280-39218-10	776IA1HA	T	Air	TO-15	

Report Basis

T = Total

Client: FPM Remediations Inc

Job Number: 280-39218-1

Laboratory Chronicle

Lab ID: 280-39218-1 **Client ID:** 774VMP0101HA

Sample Date/Time: 02/21/2013 11:00 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-1		200-53040		03/15/2013 09:08	2	TAL BUR	WRD
A:TO-15	280-39218-A-1		200-53040		03/15/2013 09:08	2	TAL BUR	WRD

Lab ID: 280-39218-2 **Client ID:** 774VMP0201HA

Sample Date/Time: 02/21/2013 10:30 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-2		200-53040		03/14/2013 21:43	1	TAL BUR	WRD
A:TO-15	280-39218-A-2		200-53040		03/14/2013 21:43	1	TAL BUR	WRD

Lab ID: 280-39218-3 **Client ID:** 774VMP0301HA

Sample Date/Time: 02/21/2013 10:35 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-3		200-53040		03/15/2013 10:00	5	TAL BUR	WRD
A:TO-15	280-39218-A-3		200-53040		03/15/2013 10:00	5	TAL BUR	WRD

Lab ID: 280-39218-4 **Client ID:** 776VMP0201HC

Sample Date/Time: 02/21/2013 12:06 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-4		200-53040		03/15/2013 00:21	1	TAL BUR	WRD
A:TO-15	280-39218-A-4		200-53040		03/15/2013 00:21	1	TAL BUR	WRD

Lab ID: 280-39218-5 **Client ID:** 776VMP0101HA

Sample Date/Time: 02/21/2013 12:20 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-5		200-53040		03/15/2013 01:14	1	TAL BUR	WRD
A:TO-15	280-39218-A-5		200-53040		03/15/2013 01:14	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-39218-1

Laboratory Chronicle

Lab ID: 280-39218-6 **Client ID:** 776VMP0201HA

Sample Date/Time: 02/21/2013 12:05 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-6		200-53040		03/15/2013 02:06	1	TAL BUR	WRD
A:TO-15	280-39218-A-6		200-53040		03/15/2013 02:06	1	TAL BUR	WRD

Lab ID: 280-39218-7 **Client ID:** 776VMP0301HA

Sample Date/Time: 02/21/2013 12:30 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-7		200-53040		03/15/2013 02:59	1	TAL BUR	WRD
A:TO-15	280-39218-A-7		200-53040		03/15/2013 02:59	1	TAL BUR	WRD

Lab ID: 280-39218-8 **Client ID:** 774IA1IA

Sample Date/Time: 02/21/2013 08:55 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-8		200-53040		03/15/2013 10:53	1	TAL BUR	WRD
A:TO-15	280-39218-A-8		200-53040		03/15/2013 10:53	1	TAL BUR	WRD

Lab ID: 280-39218-9 **Client ID:** 774776OA1IA

Sample Date/Time: 02/21/2013 09:00 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-9		200-53337		03/22/2013 17:48	1	TAL BUR	WRD
A:TO-15	280-39218-A-9		200-53337		03/22/2013 17:48	1	TAL BUR	WRD

Lab ID: 280-39218-10 **Client ID:** 776IA1HA

Sample Date/Time: 02/21/2013 08:50 Received Date/Time: 02/22/2013 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39218-A-10		200-53337		03/22/2013 18:41	1	TAL BUR	WRD
A:TO-15	280-39218-A-10		200-53337		03/22/2013 18:41	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-39218-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-53040/5		200-53040		03/14/2013 14:43	1	TAL BUR	WRD
A:TO-15	MB 200-53040/5		200-53040		03/14/2013 14:43	1	TAL BUR	WRD
P:Summa Canister	MB 200-53337/4		200-53337		03/22/2013 16:56	1	TAL BUR	WRD
A:TO-15	MB 200-53337/4		200-53337		03/22/2013 16:56	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 200-53040/4		200-53040		03/14/2013 13:46	1	TAL BUR	WRD
A:TO-15	LCS 200-53040/4		200-53040		03/14/2013 13:46	1	TAL BUR	WRD
P:Summa Canister	LCS 200-53337/3		200-53337		03/22/2013 16:03	1	TAL BUR	WRD
A:TO-15	LCS 200-53337/3		200-53337		03/22/2013 16:03	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATT15LLCAL4w_00045	05/21/13	02/23/13		15.463 L	ATTO15CAL6w_00060	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
.ATTO15CAL6w_00060	05/21/13	02/22/13	DI WATER, Lot 5015	15.463 L	ATTO15CALSTKi_00039	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
..ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroform	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroform	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
ATT15LLCAL4w_00051	06/14/13	03/19/13		15.463 L	ATTO15CAL6w_00063	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon 22	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone	0.20044 ppb v/v
							methyl isobutyl ketone	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00063	06/14/13	03/18/13	DI WATER, Lot 12648	15.463 L	ATTO15CALSTKi_00040	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00036	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00072	05/21/13	02/22/13	DI WATER, Lot 2691	15.463 L	ATTO15CAL6w_00060	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00035	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00060	05/21/13	02/22/13	DI WATER, Lot 5015	15.463 L	ATTO15CALSTKi_00039	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00035	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00075	06/14/13	03/19/13	DI WATER, Lot 3155	15.463 L	ATTO15CAL6w_00063	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00036	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00063	06/14/13	03/18/13	DI WATER, Lot 12648	15.463 L	ATTO15CALSTKi_00040	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00036	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00091	05/21/13	02/27/13	DI WATER, Lot 3142	15.463 L	ATTO15CALSTKi_00039	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Freon 22	4.99256 ppb v/v
							Freon TF	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone	4.99256 ppb v/v
							methyl isobutyl ketone	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00035	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00250	05/21/13	02/27/13	DI WATER, Lot 4837	15.463 L	ATTO15CALSTKi_00039	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00035	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00030	05/21/13	02/22/13	DI WATER, Lot 4096	15.463 L	ATTO15CALSTKi_00039	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00035	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00031	06/14/13	03/18/13	DI WATER, Lot 2672	15.463 L	ATTO15CALSTKi_00040	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloroethene, Total	30.0071 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene (total)	45.0107 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00036	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00061	05/21/13	02/22/13	DI WATER, Lot 3643	15.463 L	ATTO15CALSTKi_00039	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloroethene, Total	39.9922 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene (total)	59.9884 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00035	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00062	06/14/13	03/18/13	DI WATER, Lot 3649	15.463 L	ATTO15CALSTKi_00040	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00036	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00033	05/21/13	02/22/13	DI WATER, Lot 4233	15.463 L	ATTO15CALSTKi_00039	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon 22	39.9922 ppb v/v
							Freon TF	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00035	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CISs_00005	11/15/15		Spectra, Lot CC-250115		(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
ATTO15LCSW_00256	05/21/13	02/23/13	DI WATER, Lot 3155	15.463 L	ATTO15LCSSTKi_00035	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00035	05/22/13	02/22/13	DI WATER, Lot 7952	37.5 L	ATTO15LCSs_00011	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00011	12/05/13		Spectra Gases, Lot CC-230119		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00265	06/15/13	03/18/13	DI WATER, Lot 3503	15.463 L	ATTO15LCSSTKi_00036	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00036	06/15/13	03/15/13	DI WATER, Lot 4984	52.5 L	ATTO15LCSs_00011	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00011	12/05/13	Spectra Gases, Lot CC-230119			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v

SIGMA-ALDRICH
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Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

9/15/11

Certificate of Analysis

Product Name:
Ethanol – 200 proof, anhydrous, ≥99.5%

CH_3CH_2OH

Product Number:	**459836**
Lot Number:	**SHBB5682V**
Brand:	SIAL
CAS Number:	64-17-5
MDL Number:	MFCD00003568
Formula:	C2H6O
Formula Weight:	46.07 g/mol
Quality Release Date:	15 SEP 2011

389837
ID: ATTO15EthCALs_00007
Exp 09/01/17 Prod Prd Open 09/01/12
TO15 Ethanol Cal source 9

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.5 %	> 99.9 %
Water (by Karl Fischer)	≤ 0.005 %	0.003 %
Residue on Evaporation	≤ 0.0005 %	0.0003 %
Starting Material Clearance	Confirmed	Conforms
TRACEABLE TO ACS PRODUCT LISTING		

Jennifer Baughman, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Certification Summary

Client: FPM Remediations Inc
Project/Site: Griffiss AFB Soil Vapor

TestAmerica Job ID: 280-39218-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAP	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	200610
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clie004.d

Lab ID: LCS 200-53040/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	12.8	128	70-130	
Freon 22	10.0	13.1	131	70-130	Q
1,2-Dichlorotetrafluoroethane	10.0	11.8	118	70-130	
Chloromethane	10.0	12.0	120	70-130	
n-Butane	10.0	11.9	119	70-130	
Vinyl chloride	10.0	10.9	109	70-130	
1,3-Butadiene	10.0	11.6	116	70-130	
Bromomethane	10.0	10.4	104	70-130	
Chloroethane	10.0	11.2	112	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.8	108	70-130	
Trichlorofluoromethane	10.0	11.6	116	70-130	
Freon TF	10.0	11.9	119	70-130	
1,1-Dichloroethene	10.0	11.8	118	70-130	
Acetone	10.0	10.6	107	70-130	
Isopropyl alcohol	10.0	12.2	122	70-130	
Carbon disulfide	10.0	11.3	113	70-130	
3-Chloropropene	10.0	10.1	101	70-130	M
Methylene Chloride	10.0	12.5	125	70-130	
tert-Butyl alcohol	10.0	12.2	122	70-130	
Methyl tert-butyl ether	10.0	9.77	98	70-130	
trans-1,2-Dichloroethene	10.0	11.4	114	70-130	
n-Hexane	10.0	11.3	113	70-130	
1,1-Dichloroethane	10.0	11.4	114	70-130	
Methyl Ethyl Ketone	10.0	9.39	94	70-130	
cis-1,2-Dichloroethene	10.0	10.7	107	70-130	
Chloroform	10.0	11.3	113	70-130	
Tetrahydrofuran	10.0	10.6	106	70-130	
1,1,1-Trichloroethane	10.0	11.3	113	70-130	
Cyclohexane	10.0	10.7	107	70-130	
Carbon tetrachloride	10.0	10.8	108	70-130	
2,2,4-Trimethylpentane	10.0	11.5	115	70-130	
Benzene	10.0	9.89	99	70-130	
1,2-Dichloroethane	10.0	11.8	118	70-130	
n-Heptane	10.0	11.7	117	70-130	
Trichloroethene	10.0	10.3	103	70-130	
Methyl methacrylate	10.0	9.15	91	70-130	
1,2-Dichloropropane	10.0	10.8	108	70-130	
1,4-Dioxane	10.0	9.00	90	70-130	
Bromodichloromethane	10.0	11.7	117	70-130	
cis-1,3-Dichloropropene	10.0	10.8	108	70-130	
methyl isobutyl ketone	10.0	11.3	114	70-130	
Toluene	10.0	9.98	100	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clie004.d

Lab ID: LCS 200-53040/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	10.1	101	70-130	
Tetrachloroethene	10.0	9.75	98	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.9	119	70-130	
Dibromochloromethane	10.0	11.4	114	70-130	
1,2-Dibromoethane	10.0	10.3	103	70-130	
Chlorobenzene	10.0	9.84	98	70-130	
Ethylbenzene	10.0	9.59	96	70-130	
m,p-Xylene	20.0	17.8	89	70-130	
Xylene, o-	10.0	8.98	90	70-130	
Styrene	10.0	9.49	95	70-130	
Bromoform	10.0	10.6	106	70-130	
Cumene	10.0	9.18	92	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.07	91	70-130	
n-Propylbenzene	10.0	9.56	96	70-130	
4-Ethyltoluene	10.0	9.55	96	70-130	
1,3,5-Trimethylbenzene	10.0	8.76	88	70-130	
2-Chlorotoluene	10.0	10.4	104	70-130	
tert-Butylbenzene	10.0	8.73	87	70-130	
1,2,4-Trimethylbenzene	10.0	8.75	88	70-130	
sec-Butylbenzene	10.0	8.97	90	70-130	
4-Isopropyltoluene	10.0	8.74	87	70-130	
1,3-Dichlorobenzene	10.0	8.53	85	70-130	
1,4-Dichlorobenzene	10.0	8.55	85	70-130	
Benzyl chloride	10.0	9.49	95	70-130	
n-Butylbenzene	10.0	9.74	97	70-130	
1,2-Dichlorobenzene	10.0	8.22	82	70-130	
1,2,4-Trichlorobenzene	10.0	8.95	89	70-130	
Hexachlorobutadiene	10.0	8.64	86	70-130	
Naphthalene	10.0	10.4	104	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clja003.d

Lab ID: LCS 200-53337/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.0	110	70-130	
Freon 22	10.0	10.9	109	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.7	107	70-130	
Chloromethane	10.0	10.8	108	70-130	
n-Butane	10.0	10.7	107	70-130	
Vinyl chloride	10.0	10.7	107	70-130	
1,3-Butadiene	10.0	11.3	113	70-130	
Bromomethane	10.0	10.5	105	70-130	
Chloroethane	10.0	10.6	106	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.2	102	70-130	
Trichlorofluoromethane	10.0	10.3	103	70-130	
Freon TF	10.0	11.1	111	70-130	
1,1-Dichloroethene	10.0	10.9	109	70-130	
Acetone	10.0	12.2	122	70-130	
Isopropyl alcohol	10.0	11.4	114	70-130	
Carbon disulfide	10.0	10.3	103	70-130	
3-Chloropropene	10.0	10.8	108	70-130	M
Methylene Chloride	10.0	10.9	109	70-130	
tert-Butyl alcohol	10.0	10.2	102	70-130	
Methyl tert-butyl ether	10.0	11.4	114	70-130	
trans-1,2-Dichloroethene	10.0	10.4	104	70-130	
n-Hexane	10.0	10.2	102	70-130	
1,1-Dichloroethane	10.0	10.3	103	70-130	
Methyl Ethyl Ketone	10.0	11.5	115	70-130	
cis-1,2-Dichloroethene	10.0	10.2	102	70-130	
Chloroform	10.0	10.1	101	70-130	
Tetrahydrofuran	10.0	11.8	118	70-130	
1,1,1-Trichloroethane	10.0	10.3	103	70-130	
Cyclohexane	10.0	10.3	103	70-130	
Carbon tetrachloride	10.0	10.1	101	70-130	
2,2,4-Trimethylpentane	10.0	10.3	103	70-130	
Benzene	10.0	9.73	97	70-130	
1,2-Dichloroethane	10.0	10.3	103	70-130	
n-Heptane	10.0	10.4	104	70-130	
Trichloroethene	10.0	9.32	93	70-130	
Methyl methacrylate	10.0	11.1	111	70-130	
1,2-Dichloropropane	10.0	9.99	100	70-130	
1,4-Dioxane	10.0	11.0	110	70-130	
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.75	98	70-130	
methyl isobutyl ketone	10.0	11.7	117	70-130	
Toluene	10.0	9.24	92	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clja003.d

Lab ID: LCS 200-53337/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.1	101	70-130	
1,1,2-Trichloroethane	10.0	9.12	91	70-130	
Tetrachloroethene	10.0	9.34	93	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	70-130	
Dibromochloromethane	10.0	10.2	102	70-130	
1,2-Dibromoethane	10.0	9.18	92	70-130	
Chlorobenzene	10.0	9.25	92	70-130	
Ethylbenzene	10.0	9.80	98	70-130	
m,p-Xylene	20.0	20.4	102	70-130	
Xylene, o-	10.0	9.97	100	70-130	
Styrene	10.0	10.2	102	70-130	
Bromoform	10.0	10.7	107	70-130	
Cumene	10.0	10.6	106	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.85	99	70-130	
n-Propylbenzene	10.0	10.9	109	70-130	
4-Ethyltoluene	10.0	12.1	121	70-130	
1,3,5-Trimethylbenzene	10.0	11.0	110	70-130	
2-Chlorotoluene	10.0	11.4	114	70-130	
tert-Butylbenzene	10.0	11.3	113	70-130	
1,2,4-Trimethylbenzene	10.0	11.4	114	70-130	
sec-Butylbenzene	10.0	11.5	115	70-130	
4-Isopropyltoluene	10.0	12.4	124	70-130	
1,3-Dichlorobenzene	10.0	10.6	106	70-130	
1,4-Dichlorobenzene	10.0	10.4	104	70-130	
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.0	130	70-130	
1,2-Dichlorobenzene	10.0	10.4	104	70-130	
1,2,4-Trichlorobenzene	10.0	15.2	152	70-130	Q
Hexachlorobutadiene	10.0	13.0	130	70-130	
Naphthalene	10.0	20.0	200	70-130	Q

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab File ID: clie005.d Lab Sample ID: MB 200-53040/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: C.i Date Analyzed: 03/14/2013 14:43

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 200-53040/4	clie004.d	03/14/2013 13:46
774VMP0201HA	280-39218-2	clie013.d	03/14/2013 21:43
776VMP0201HC	280-39218-4	clie016.d	03/15/2013 00:21
776VMP0101HA	280-39218-5	clie017.d	03/15/2013 01:14
776VMP0201HA	280-39218-6	clie018.d	03/15/2013 02:06
776VMP0301HA	280-39218-7	clie019.d	03/15/2013 02:59
774VMP0101HA	280-39218-1	clie025.d	03/15/2013 09:08
774VMP0301HA	280-39218-3	clie026.d	03/15/2013 10:00
774IA1IA	280-39218-8	clie028.d	03/15/2013 10:53

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab File ID: clja004.d Lab Sample ID: MB 200-53337/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: C.i Date Analyzed: 03/22/2013 16:56

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 200-53337/3	clja003.d	03/22/2013 16:03
774776OA1IA	280-39218-9	clja005.d	03/22/2013 17:48
776IA1HA	280-39218-10	clja006.d	03/22/2013 18:41

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab File ID: cli001.d BFB Injection Date: 03/09/2013

Instrument ID: C.i BFB Injection Time: 13:46

Analysis Batch No.: 52836

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.3	
75	30.0 - 66.0% of mass 95	51.8	
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	0.1	(0.2)1
174	50.0 - 120.0% of mass 95	55.9	
175	4.0 - 9.0 % of mass 174	3.9	(7.0)1
176	93.0 - 101.0% of mass 174	53.7	(96.0)1
177	5.0 - 9.0% of mass 176	3.5	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-52836/3	cli003.d	03/09/2013	15:27
	IC 200-52836/4	cli004.d	03/09/2013	16:20
	IC 200-52836/5	cli005.d	03/09/2013	17:13
	IC 200-52836/6	cli006.d	03/09/2013	18:06
	ICIS 200-52836/7	cli007.d	03/09/2013	18:58
	IC 200-52836/8	cli008.d	03/09/2013	19:51
	IC 200-52836/9	cli009.d	03/09/2013	20:44
	IC 200-52836/10	cli010.d	03/09/2013	21:37
	ICV 200-52836/13	cli013.d	03/10/2013	00:15

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab File ID: clie001.d BFB Injection Date: 03/14/2013

Instrument ID: C.i BFB Injection Time: 11:01

Analysis Batch No.: 53040

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.3	
75	30.0 - 66.0% of mass 95	56.7	
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	0.2	(0.3)1
174	50.0 - 120.0% of mass 95	52.3	
175	4.0 - 9.0 % of mass 174	3.5	(6.8)1
176	93.0 - 101.0% of mass 174	49.4	(94.4)1
177	5.0 - 9.0% of mass 176	3.3	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-53040/3	clie003.d	03/14/2013	12:47
	LCS 200-53040/4	clie004.d	03/14/2013	13:46
	MB 200-53040/5	clie005.d	03/14/2013	14:43
774VMP0201HA	280-39218-2	clie013.d	03/14/2013	21:43
776VMP0201HC	280-39218-4	clie016.d	03/15/2013	00:21
776VMP0101HA	280-39218-5	clie017.d	03/15/2013	01:14
776VMP0201HA	280-39218-6	clie018.d	03/15/2013	02:06
776VMP0301HA	280-39218-7	clie019.d	03/15/2013	02:59
774VMP0101HA	280-39218-1	clie025.d	03/15/2013	09:08
774VMP0301HA	280-39218-3	clie026.d	03/15/2013	10:00
774IA1IA	280-39218-8	clie028.d	03/15/2013	10:53

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab File ID: clj001.d BFB Injection Date: 03/22/2013

Instrument ID: C.i BFB Injection Time: 00:06

Analysis Batch No.: 53304

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.9	
75	30.0 - 66.0% of mass 95	42.0	
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	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	97.5	
175	4.0 - 9.0 % of mass 174	6.7	(6.9)1
176	93.0 - 101.0% of mass 174	94.4	(96.9)1
177	5.0 - 9.0% of mass 176	6.2	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-53304/3	clj003.d	03/22/2013	01:50
	IC 200-53304/4	clj004.d	03/22/2013	02:42
	IC 200-53304/5	clj005.d	03/22/2013	03:35
	ICIS 200-53304/7	clj007.d	03/22/2013	05:20
	IC 200-53304/8	clj008.d	03/22/2013	06:13
	IC 200-53304/9	clj009.d	03/22/2013	07:05
	IC 200-53304/10	clj010.d	03/22/2013	07:58
	IC 200-53304/12	clj012.d	03/22/2013	09:43
	ICV 200-53304/15	clj015.d	03/22/2013	12:25

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab File ID: clja001.d BFB Injection Date: 03/22/2013

Instrument ID: C.i BFB Injection Time: 14:19

Analysis Batch No.: 53337

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.8	
75	30.0 - 66.0% of mass 95	45.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	91.9	
175	4.0 - 9.0 % of mass 174	6.3	(6.9)1
176	93.0 - 101.0% of mass 174	90.1	(98.1)1
177	5.0 - 9.0% of mass 176	5.9	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-53337/2	clja002.d	03/22/2013	15:10
	LCS 200-53337/3	clja003.d	03/22/2013	16:03
	MB 200-53337/4	clja004.d	03/22/2013	16:56
774776OA1IA	280-39218-9	clja005.d	03/22/2013	17:48
776IA1HA	280-39218-10	clja006.d	03/22/2013	18:41

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Sample No.: ICIS 200-52836/7 Date Analyzed: 03/09/2013 18:58

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): cli007.d Heated Purge: (Y/N) N

Calibration ID: 20741

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		363637	11.96	2136717	13.78	1956844	19.30
UPPER LIMIT		509092	12.29	2991404	14.11	2739582	19.63
LOWER LIMIT		218182	11.63	1282030	13.45	1174106	18.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-52836/13		440717	11.96	2521333	13.78	2190412	19.30

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Sample No.: CCVIS 200-53040/3 Date Analyzed: 03/14/2013 12:47

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clie003.d Heated Purge: (Y/N) N

Calibration ID: 20741

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		270265	11.95	1602698	13.78	1523070	19.30
UPPER LIMIT		378371	12.28	2243777	14.11	2132298	19.63
LOWER LIMIT		162159	11.62	961619	13.45	913842	18.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-53040/4		272076	11.95	1586370	13.78	1396949	19.30
MB 200-53040/5		265505	11.95	1582513	13.78	1383620	19.30
280-39218-2	774VMP0201HA	231729	11.95	1390052	13.78	1296270	19.30
280-39218-4	776VMP0201HC	335199	11.95	1970741	13.78	1794008	19.30
280-39218-5	776VMP0101HA	284883	11.95	1705673	13.78	1592689	19.30
280-39218-6	776VMP0201HA	285383	11.95	1682852	13.78	1564520	19.30
280-39218-7	776VMP0301HA	283355	11.95	1664576	13.78	1517275	19.30
280-39218-1	774VMP0101HA	236691	11.95	1415118	13.78	1348430	19.30
280-39218-3	774VMP0301HA	267830	11.95	1687968	13.78	1516437	19.30
280-39218-8	774IA1IA	251445	11.95	1474117	13.78	1317674	19.30

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Sample No.: ICIS 200-53304/7 Date Analyzed: 03/22/2013 05:20

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clj007.d Heated Purge: (Y/N) N

Calibration ID: 20852

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		302682	11.95	1530199	13.78	1344517	19.30
UPPER LIMIT		423755	12.28	2142279	14.11	1882324	19.63
LOWER LIMIT		181609	11.62	918119	13.45	806710	18.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-53304/15		338291	11.95	1702626	13.78	1591491	19.30

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Sample No.: CCVIS 200-53337/2 Date Analyzed: 03/22/2013 15:10

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clja002.d Heated Purge: (Y/N) N

Calibration ID: 20852

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		313076	11.95	1585655	13.78	1319304	19.30
UPPER LIMIT		438306	12.28	2219917	14.11	1847026	19.63
LOWER LIMIT		187846	11.62	951393	13.45	791582	18.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-53337/3		332410	11.95	1680309	13.78	1628834	19.30
MB 200-53337/4		320308	11.95	1644496	13.78	1497349	19.29
280-39218-9	774776OA1IA	296209	11.95	1508835	13.78	1371453	19.30
280-39218-10	776IA1HA	252597	11.95	1278716	13.78	1236089	19.30

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0101HA Lab Sample ID: 280-39218-1

Matrix: Air Lab File ID: clie025.d

Analysis Method: TO-15 Date Collected: 02/21/2013 11:00

Sample wt/vol: 100(mL) Date Analyzed: 03/15/2013 09:08

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.68	J	1.0	0.040
75-45-6	Freon 22	86.47	2.1	Q	1.0	0.046
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.16	U	0.40	0.040
74-87-3	Chloromethane	50.49	1.0		1.0	0.068
106-97-8	n-Butane	58.12	1.6		1.0	0.044
75-01-4	Vinyl chloride	62.50	0.056	U	0.40	0.018
106-99-0	1,3-Butadiene	54.09	0.16	U	0.40	0.050
74-83-9	Bromomethane	94.94	0.16	U	0.40	0.054
75-00-3	Chloroethane	64.52	0.16	U	1.0	0.066
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.40	0.038
75-69-4	Trichlorofluoromethane	137.37	0.35	J	0.40	0.042
76-13-1	Freon TF	187.38	0.11	J	0.40	0.040
75-35-4	1,1-Dichloroethene	96.94	0.40	U	0.40	0.17
67-64-1	Acetone	58.08	36		10	0.80
67-63-0	Isopropyl alcohol	60.10	26		10	0.15
75-15-0	Carbon disulfide	76.14	0.49	J	1.0	0.040
107-05-1	3-Chloropropene	76.53	0.16	U	1.0	0.094
75-09-2	Methylene Chloride	84.93	0.46	J	1.0	0.046
75-65-0	tert-Butyl alcohol	74.12	0.16	U	10	0.082
1634-04-4	Methyl tert-butyl ether	88.15	0.080	U	0.40	0.030
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.40	0.046
110-54-3	n-Hexane	86.17	7.5		0.40	0.040
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.40	0.046
78-93-3	Methyl Ethyl Ketone	72.11	2.1		1.0	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.40	U	0.40	0.17
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.40	0.046
67-66-3	Chloroform	119.38	0.16	U	0.40	0.048
109-99-9	Tetrahydrofuran	72.11	0.16	U	10	0.058
71-55-6	1,1,1-Trichloroethane	133.41	0.16	U	0.40	0.040
110-82-7	Cyclohexane	84.16	5.3		0.40	0.038
56-23-5	Carbon tetrachloride	153.81	0.080	U	0.40	0.026
540-84-1	2,2,4-Trimethylpentane	114.23	3.1		0.40	0.030
71-43-2	Benzene	78.11	0.42		0.40	0.036
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.40	0.036

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0101HA Lab Sample ID: 280-39218-1

Matrix: Air Lab File ID: clie025.d

Analysis Method: TO-15 Date Collected: 02/21/2013 11:00

Sample wt/vol: 100(mL) Date Analyzed: 03/15/2013 09:08

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.3		0.40	0.034
79-01-6	Trichloroethene	131.39	0.10	J	0.40	0.018
80-62-6	Methyl methacrylate	100.12	0.080	U	1.0	0.032
78-87-5	1,2-Dichloropropane	112.99	0.16	U	0.40	0.046
123-91-1	1,4-Dioxane	88.11	0.40	U	10	0.14
75-27-4	Bromodichloromethane	163.83	0.080	U	0.40	0.024
10061-01-5	cis-1,3-Dichloropropene	110.97	0.080	U	0.40	0.026
108-10-1	methyl isobutyl ketone	100.16	0.16	U	1.0	0.068
108-88-3	Toluene	92.14	2.0		0.40	0.028
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.40	0.030
79-00-5	1,1,2-Trichloroethane	133.41	0.080	U	0.40	0.032
127-18-4	Tetrachloroethene	165.83	0.080	U	0.40	0.030
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.16	U	1.0	0.080
124-48-1	Dibromochloromethane	208.29	0.080	U	0.40	0.022
106-93-4	1,2-Dibromoethane	187.87	0.080	U	0.40	0.028
108-90-7	Chlorobenzene	112.30	0.080	U	0.40	0.026
100-41-4	Ethylbenzene	106.17	0.41		0.40	0.030
179601-23-1	m,p-Xylene	106.17	1.5		1.0	0.044
95-47-6	Xylene, o-	106.17	0.46		0.40	0.032
1330-20-7	Xylene (total)	106.17	1.9		0.40	0.032
100-42-5	Styrene	104.15	0.096	J	0.40	0.022
75-25-2	Bromoform	252.75	0.056	U	0.40	0.014
98-82-8	Cumene	120.19	0.080	U	0.40	0.022
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.080	U	0.40	0.022
103-65-1	n-Propylbenzene	120.19	0.080	U	0.40	0.026
622-96-8	4-Ethyltoluene	120.20	0.11	J	0.40	0.030
108-67-8	1,3,5-Trimethylbenzene	120.20	0.11	J	0.40	0.038
95-49-8	2-Chlorotoluene	126.59	0.080	U	0.40	0.026
98-06-6	tert-Butylbenzene	134.22	0.080	U	0.40	0.022
95-63-6	1,2,4-Trimethylbenzene	120.20	0.26	J	0.40	0.042
135-98-8	sec-Butylbenzene	134.22	0.080	U	0.40	0.030
99-87-6	4-Isopropyltoluene	134.22	0.16	U	0.40	0.040
541-73-1	1,3-Dichlorobenzene	147.00	0.080	U	0.40	0.038
106-46-7	1,4-Dichlorobenzene	147.00	0.080	U	0.40	0.036

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0101HA Lab Sample ID: 280-39218-1

Matrix: Air Lab File ID: clie025.d

Analysis Method: TO-15 Date Collected: 02/21/2013 11:00

Sample wt/vol: 100(mL) Date Analyzed: 03/15/2013 09:08

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.16	U	0.40	0.044
104-51-8	n-Butylbenzene	134.22	0.16	U	0.40	0.044
95-50-1	1,2-Dichlorobenzene	147.00	0.16	U	0.40	0.052
120-82-1	1,2,4-Trichlorobenzene	181.45	0.16	U	1.0	0.060
87-68-3	Hexachlorobutadiene	260.76	0.16	U	0.40	0.058
91-20-3	Naphthalene	128.17	0.22	J	1.0	0.076

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0101HA Lab Sample ID: 280-39218-1

Matrix: Air Lab File ID: clie025.d

Analysis Method: TO-15 Date Collected: 02/21/2013 11:00

Sample wt/vol: 100(mL) Date Analyzed: 03/15/2013 09:08

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.4	J	4.9	0.20
75-45-6	Freon 22	86.47	7.3	Q	3.5	0.16
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.1	U	2.8	0.28
74-87-3	Chloromethane	50.49	2.1		2.1	0.14
106-97-8	n-Butane	58.12	3.7		2.4	0.10
75-01-4	Vinyl chloride	62.50	0.14	U	1.0	0.047
106-99-0	1,3-Butadiene	54.09	0.35	U	0.88	0.11
74-83-9	Bromomethane	94.94	0.62	U	1.6	0.21
75-00-3	Chloroethane	64.52	0.42	U	2.6	0.17
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	1.7	0.17
75-69-4	Trichlorofluoromethane	137.37	2.0	J	2.2	0.24
76-13-1	Freon TF	187.38	0.84	J	3.1	0.31
75-35-4	1,1-Dichloroethene	96.94	1.6	U	1.6	0.68
67-64-1	Acetone	58.08	86		24	1.9
67-63-0	Isopropyl alcohol	60.10	65		25	0.37
75-15-0	Carbon disulfide	76.14	1.5	J	3.1	0.12
107-05-1	3-Chloropropene	76.53	0.50	U	3.1	0.29
75-09-2	Methylene Chloride	84.93	1.6	J	3.5	0.16
75-65-0	tert-Butyl alcohol	74.12	0.49	U	30	0.25
1634-04-4	Methyl tert-butyl ether	88.15	0.29	U	1.4	0.11
156-60-5	trans-1,2-Dichloroethene	96.94	0.63	U	1.6	0.18
110-54-3	n-Hexane	86.17	27		1.4	0.14
75-34-3	1,1-Dichloroethane	98.96	0.65	U	1.6	0.19
78-93-3	Methyl Ethyl Ketone	72.11	6.1		2.9	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	1.6	0.67
540-59-0	1,2-Dichloroethene, Total	96.94	0.63	U	1.6	0.18
67-66-3	Chloroform	119.38	0.78	U	2.0	0.23
109-99-9	Tetrahydrofuran	72.11	0.47	U	29	0.17
71-55-6	1,1,1-Trichloroethane	133.41	0.87	U	2.2	0.22
110-82-7	Cyclohexane	84.16	18		1.4	0.13
56-23-5	Carbon tetrachloride	153.81	0.50	U	2.5	0.16
540-84-1	2,2,4-Trimethylpentane	114.23	15		1.9	0.14
71-43-2	Benzene	78.11	1.3		1.3	0.12
107-06-2	1,2-Dichloroethane	98.96	0.32	U	1.6	0.15

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0101HA Lab Sample ID: 280-39218-1

Matrix: Air Lab File ID: clie025.d

Analysis Method: TO-15 Date Collected: 02/21/2013 11:00

Sample wt/vol: 100(mL) Date Analyzed: 03/15/2013 09:08

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	18		1.6	0.14
79-01-6	Trichloroethene	131.39	0.55	J	2.1	0.099
80-62-6	Methyl methacrylate	100.12	0.33	U	4.1	0.13
78-87-5	1,2-Dichloropropane	112.99	0.74	U	1.8	0.21
123-91-1	1,4-Dioxane	88.11	1.4	U	36	0.50
75-27-4	Bromodichloromethane	163.83	0.54	U	2.7	0.16
10061-01-5	cis-1,3-Dichloropropene	110.97	0.36	U	1.8	0.12
108-10-1	methyl isobutyl ketone	100.16	0.66	U	4.1	0.28
108-88-3	Toluene	92.14	7.4		1.5	0.11
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	1.8	0.14
79-00-5	1,1,2-Trichloroethane	133.41	0.44	U	2.2	0.17
127-18-4	Tetrachloroethene	165.83	0.54	U	2.7	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.66	U	4.1	0.33
124-48-1	Dibromochloromethane	208.29	0.68	U	3.4	0.19
106-93-4	1,2-Dibromoethane	187.87	0.61	U	3.1	0.22
108-90-7	Chlorobenzene	112.30	0.37	U	1.8	0.12
100-41-4	Ethylbenzene	106.17	1.8		1.7	0.13
179601-23-1	m,p-Xylene	106.17	6.4		4.3	0.19
95-47-6	Xylene, o-	106.17	2.0		1.7	0.14
1330-20-7	Xylene (total)	106.17	8.4		1.7	0.14
100-42-5	Styrene	104.15	0.41	J	1.7	0.094
75-25-2	Bromoform	252.75	0.58	U	4.1	0.15
98-82-8	Cumene	120.19	0.39	U	2.0	0.11
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.55	U	2.7	0.15
103-65-1	n-Propylbenzene	120.19	0.39	U	2.0	0.13
622-96-8	4-Ethyltoluene	120.20	0.55	J	2.0	0.15
108-67-8	1,3,5-Trimethylbenzene	120.20	0.52	J	2.0	0.19
95-49-8	2-Chlorotoluene	126.59	0.41	U	2.1	0.13
98-06-6	tert-Butylbenzene	134.22	0.44	U	2.2	0.12
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3	J	2.0	0.21
135-98-8	sec-Butylbenzene	134.22	0.44	U	2.2	0.16
99-87-6	4-Isopropyltoluene	134.22	0.88	U	2.2	0.22
541-73-1	1,3-Dichlorobenzene	147.00	0.48	U	2.4	0.23
106-46-7	1,4-Dichlorobenzene	147.00	0.48	U	2.4	0.22

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0101HA Lab Sample ID: 280-39218-1

Matrix: Air Lab File ID: clie025.d

Analysis Method: TO-15 Date Collected: 02/21/2013 11:00

Sample wt/vol: 100(mL) Date Analyzed: 03/15/2013 09:08

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.83	U	2.1	0.23
104-51-8	n-Butylbenzene	134.22	0.88	U	2.2	0.24
95-50-1	1,2-Dichlorobenzene	147.00	0.96	U	2.4	0.31
120-82-1	1,2,4-Trichlorobenzene	181.45	1.2	U	7.4	0.45
87-68-3	Hexachlorobutadiene	260.76	1.7	U	4.3	0.62
91-20-3	Naphthalene	128.17	1.1	J	5.2	0.40

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-1
Client Smp ID: 774VMP0101HA
Inj Date : 15-MAR-2013 09:08
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-1
Misc Info : 100,2,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 10
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	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)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	27607	0.34140	0.68(a)
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	45063	1.03298	2.1
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.768	4.779	(0.399)	12468	0.51190	1.0
6 Butane	43	5.030	5.046	(0.421)	31468	0.78008	1.6
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.770	6.785	(0.566)	13976	0.17557	0.35(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.933	7.944	(0.664)	2854	0.05493	0.11(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.146	8.157	(0.682)	581863	18.0777	36

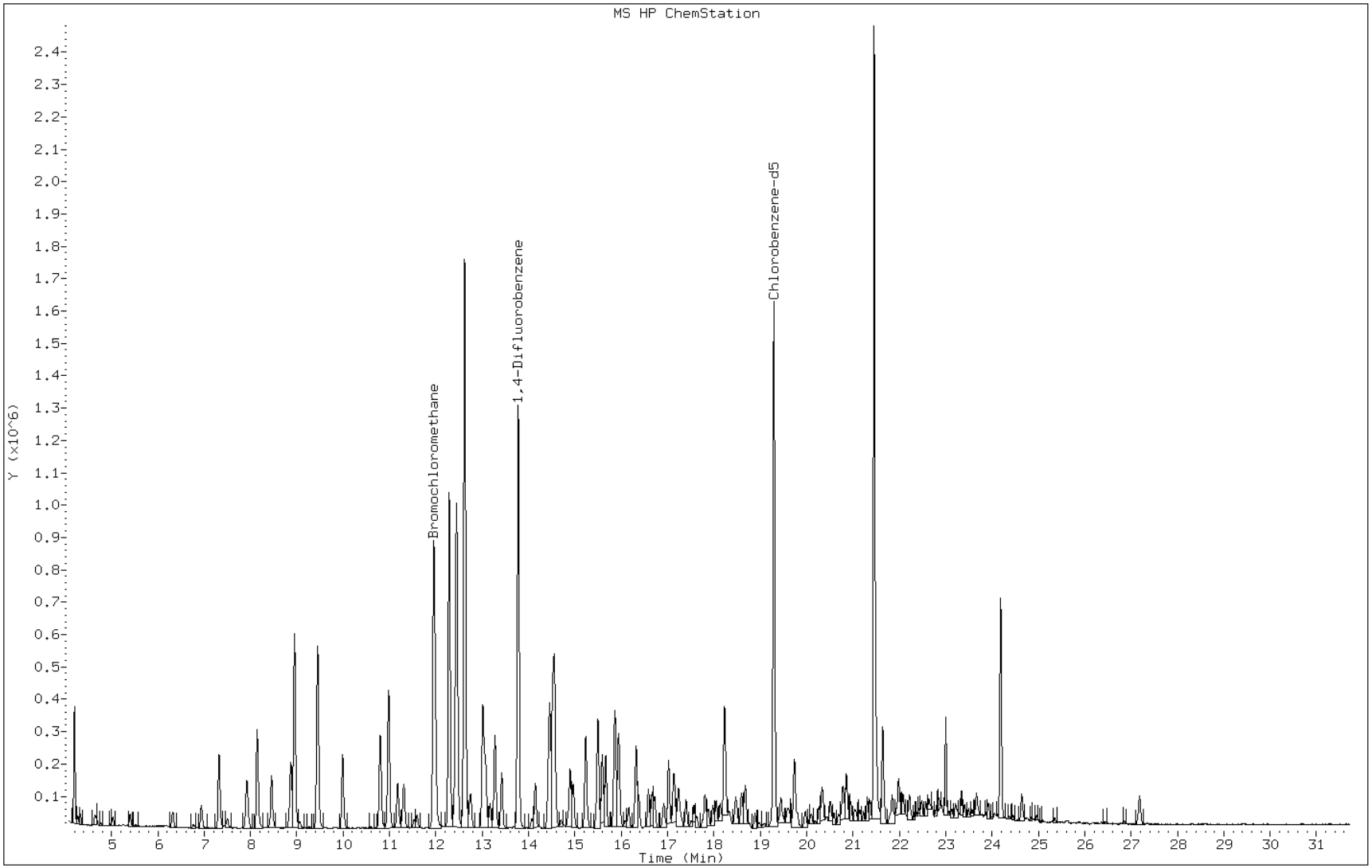
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	21 Carbon disulfide	76	8.403	8.408	(0.703)	18577	0.24305	0.49(a)
	22 Isopropanol	45	8.456	8.461	(0.708)	309047	13.1280	26
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.043	9.059	(0.757)	6622	0.22965	0.46(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.993	9.998	(0.836)	167994	3.76169	7.5
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	12678	1.03768	2.1(Q)
*	37 Bromochloromethane	128	11.952	11.957	(1.000)	236691	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	12.421	12.427	(0.902)	111161	2.65725	5.3(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	13.072	13.078	(0.949)	224044	1.57423	3.1(Q)
	44 Benzene	78	13.046	13.051	(0.947)	20717	0.21073	0.42
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	13.419	13.419	(0.974)	111151	2.14585	4.3
*	47 1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1415118	10.0000	
	49 Trichloroethene	95	14.241	14.241	(1.034)	2320	0.05152	0.10(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.589	16.589	(0.860)	67632	0.97612	2.0
	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	19.295	19.295	(1.000)	1348430	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	19.509	19.509	(1.011)	29700	0.20431	0.41
	69 Xylene (m,p)	106	19.733	19.743	(1.023)	40550	0.74161	1.5
M	70 Xylenes, Total	106				52651	0.97060	1.9
	71 Xylene (o)	106	20.507	20.512	(1.063)	12101	0.22900	0.46(Q)
	72 Styrene	104	20.539	20.544	(1.064)	3714	0.04821	0.096(aQ)
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	21.974	21.980	(1.139)	8822	0.05592	0.11(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	7166	0.05292	0.11(a)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	17123	0.13038	0.26(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	26.847	26.847	(1.391)	10240	0.10774	0.22(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:	clie025.d	Date:	15-MAR-2013 09:08
Client ID:	774VMP0101HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-1		
Lab Sample ID:	280-39218-1		



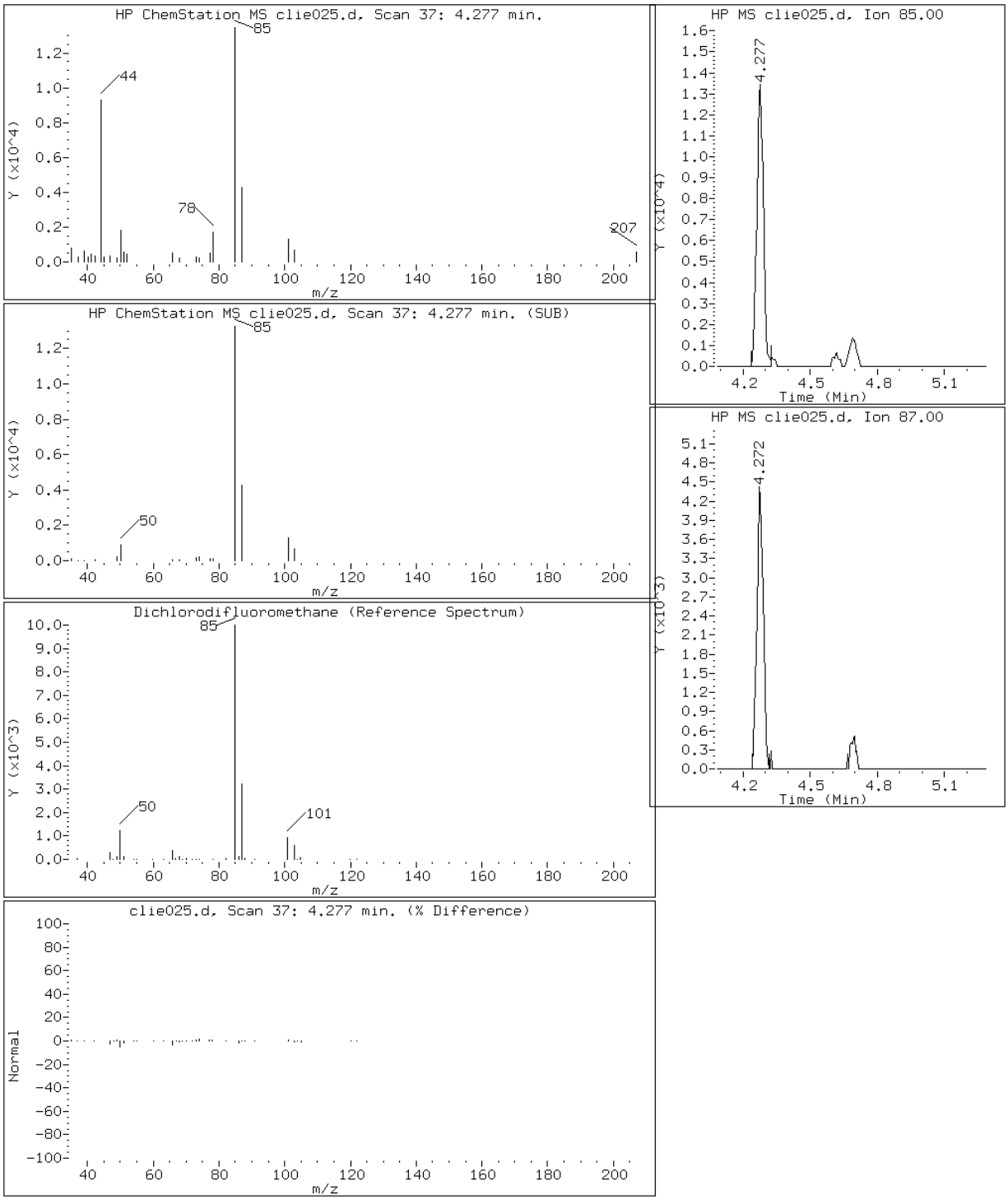
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

2 Dichlorodifluoromethane



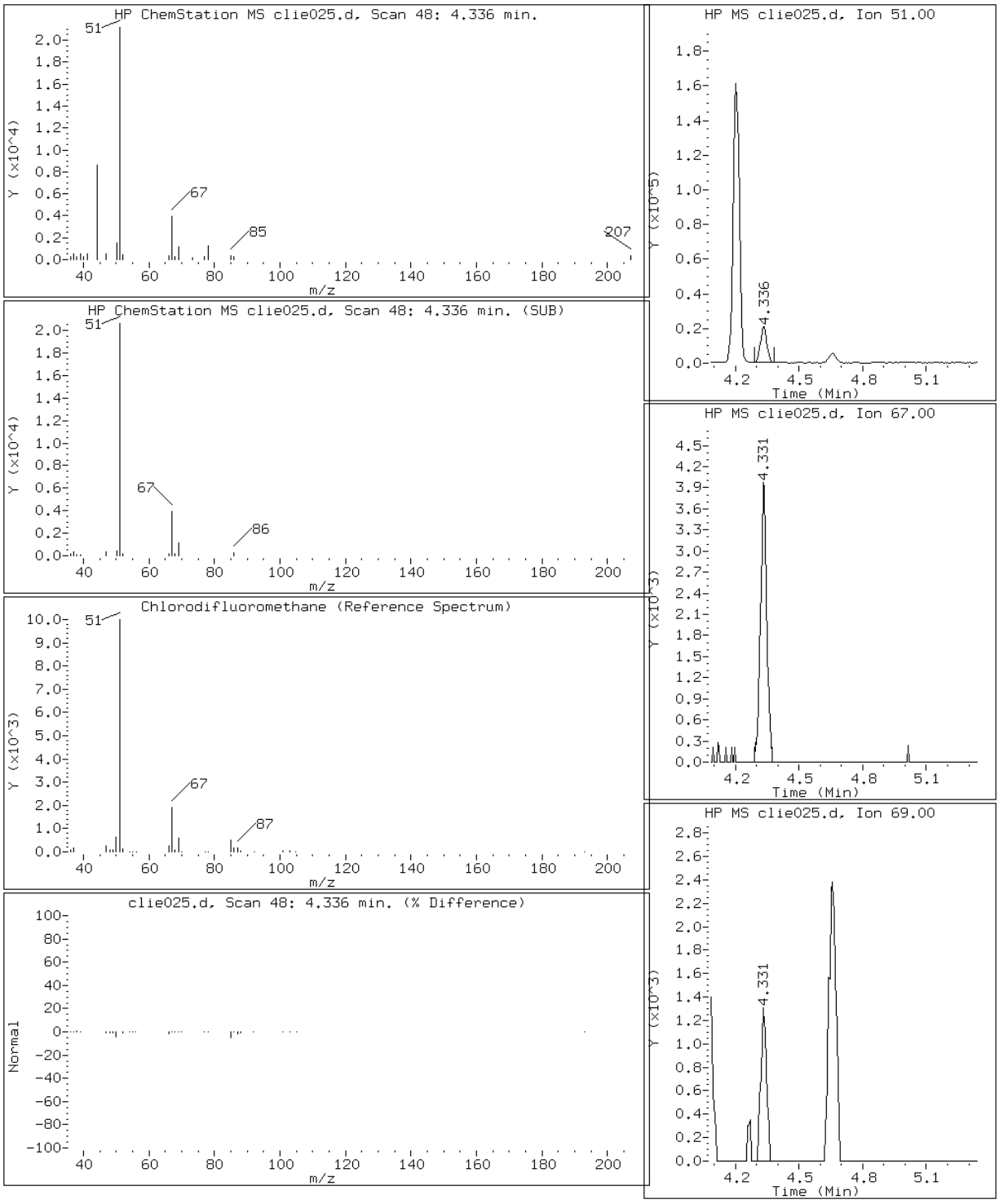
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

3 Chlorodifluoromethane



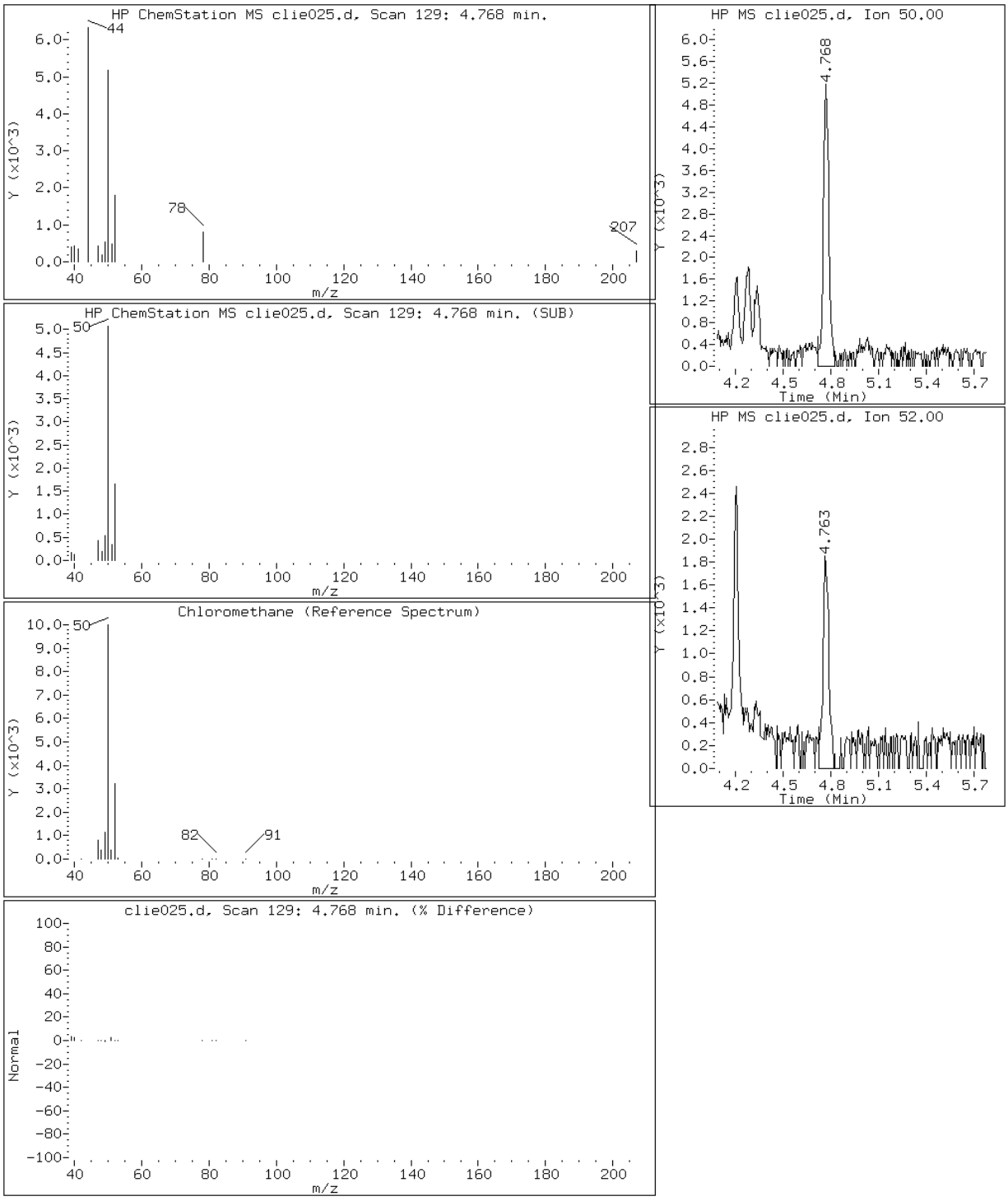
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

5 Chloromethane



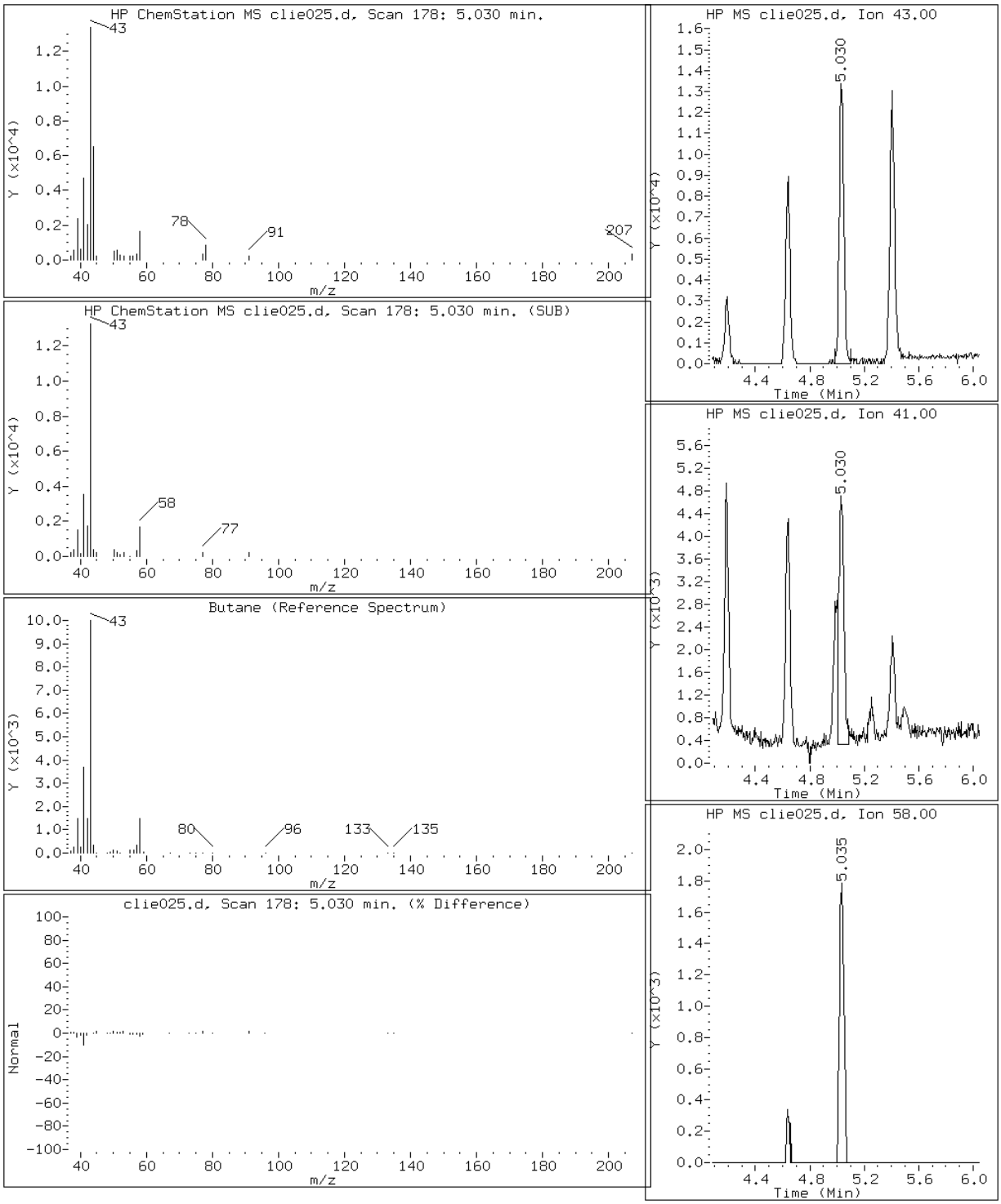
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

6 Butane



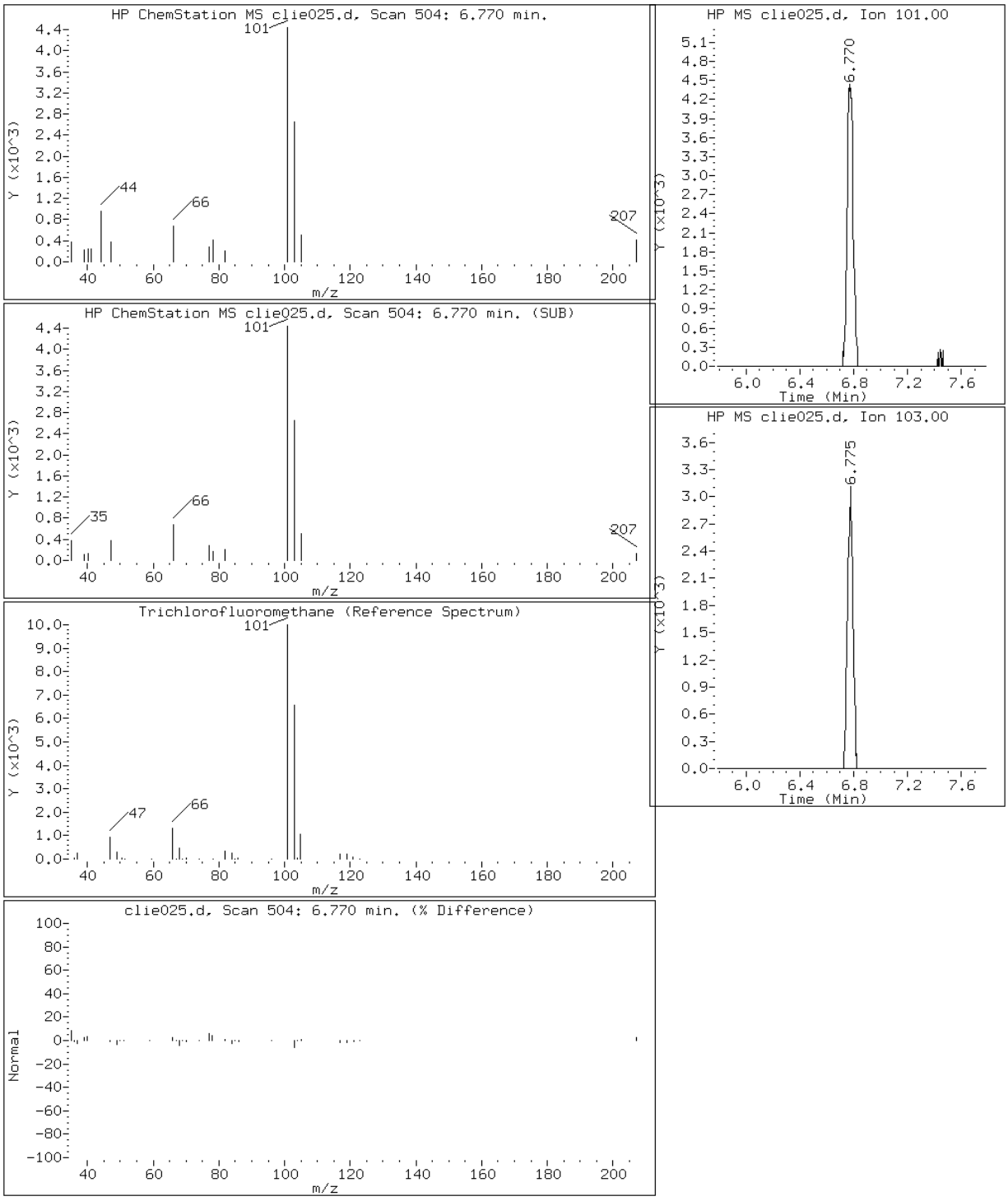
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

13 Trichlorofluoromethane



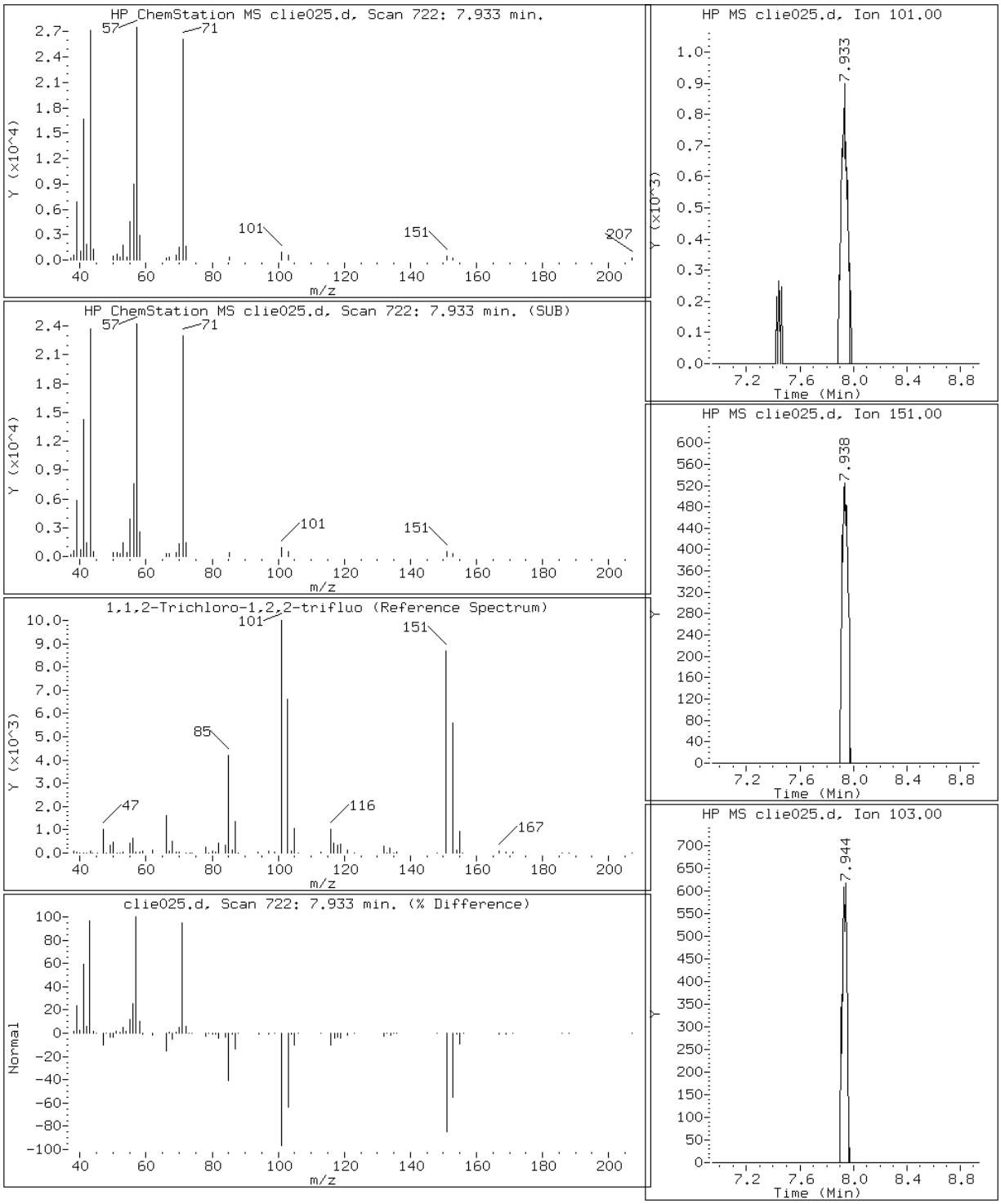
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



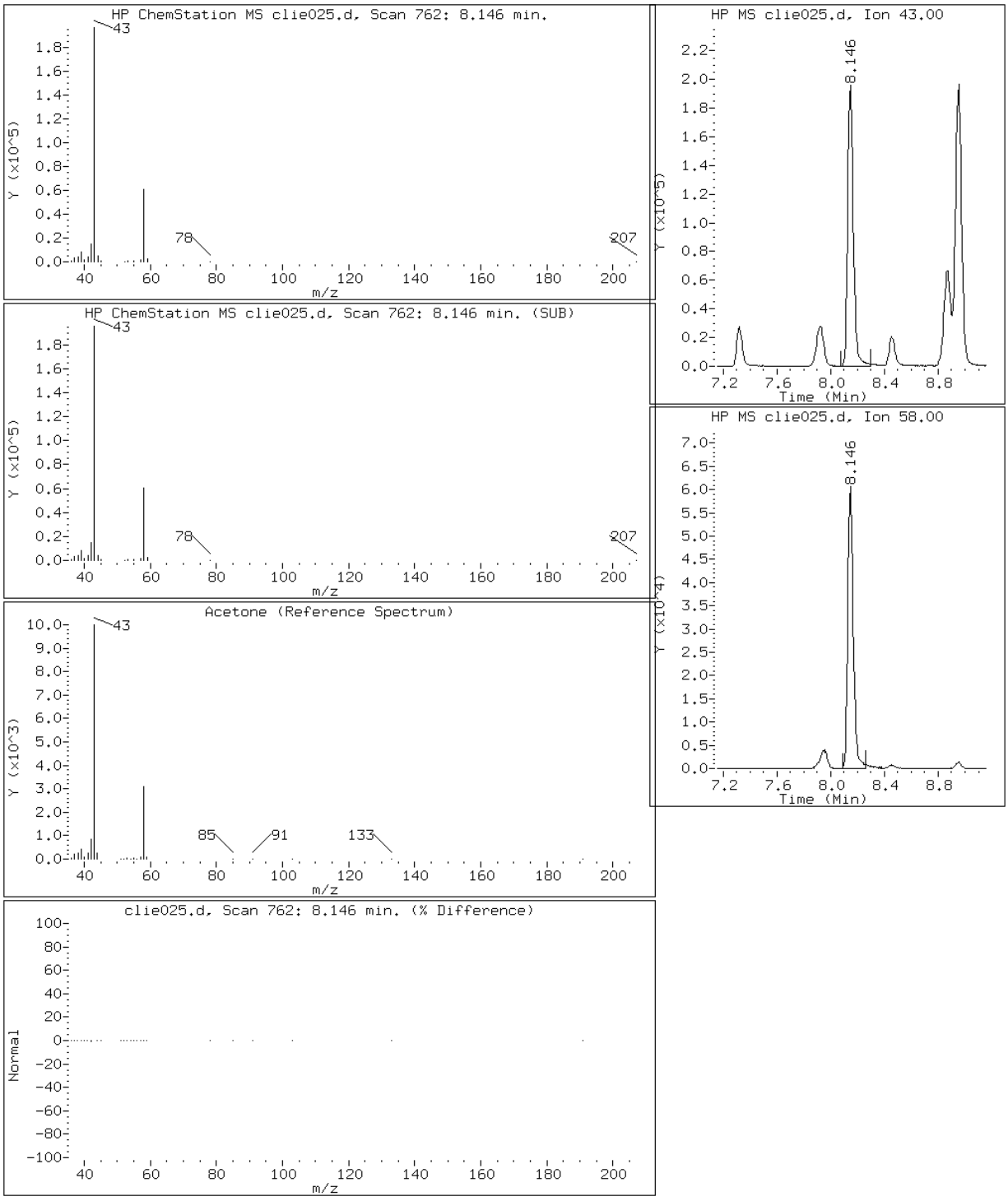
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

20 Acetone



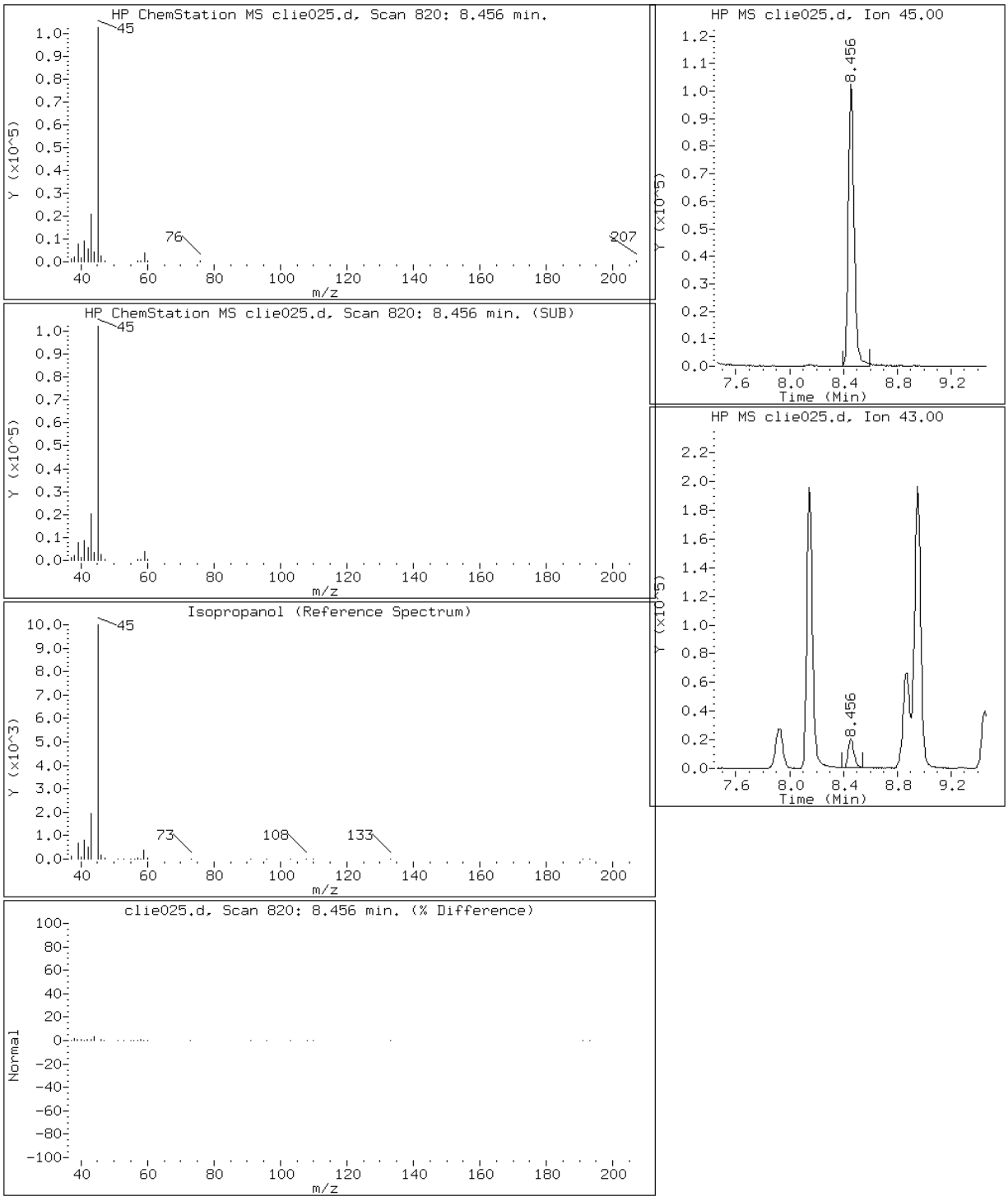
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

22 Isopropanol



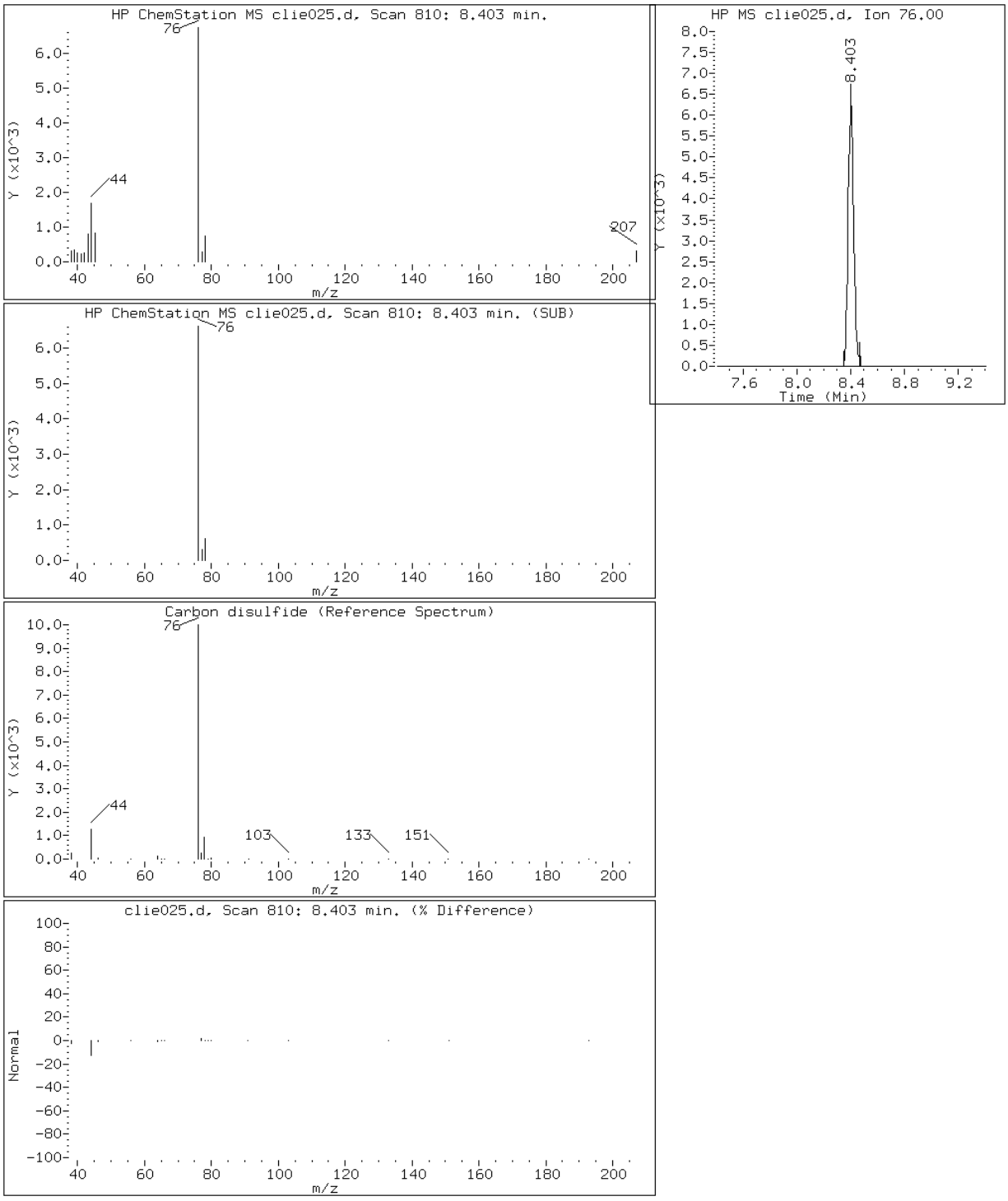
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

21 Carbon disulfide



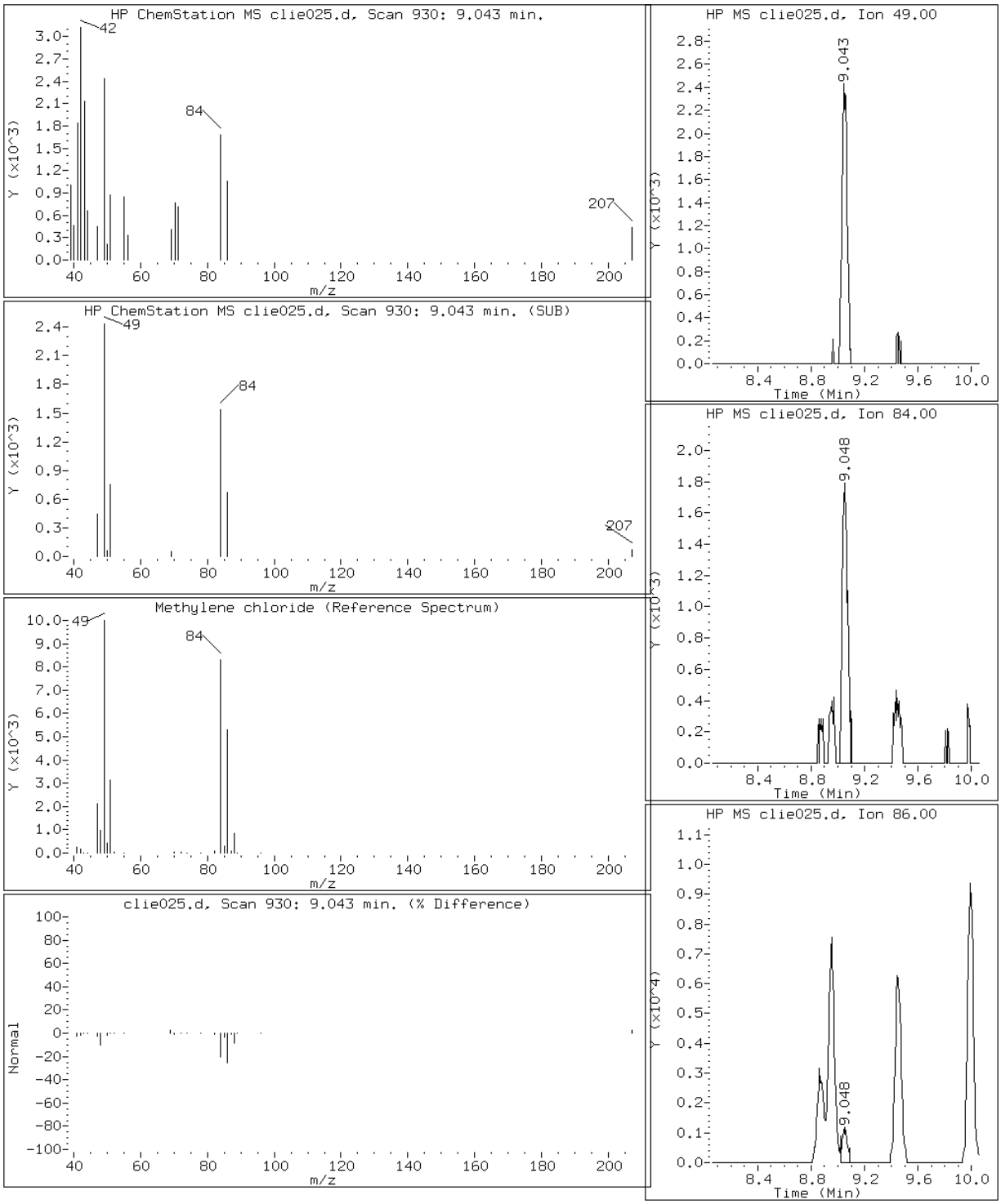
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

25 Methylene chloride



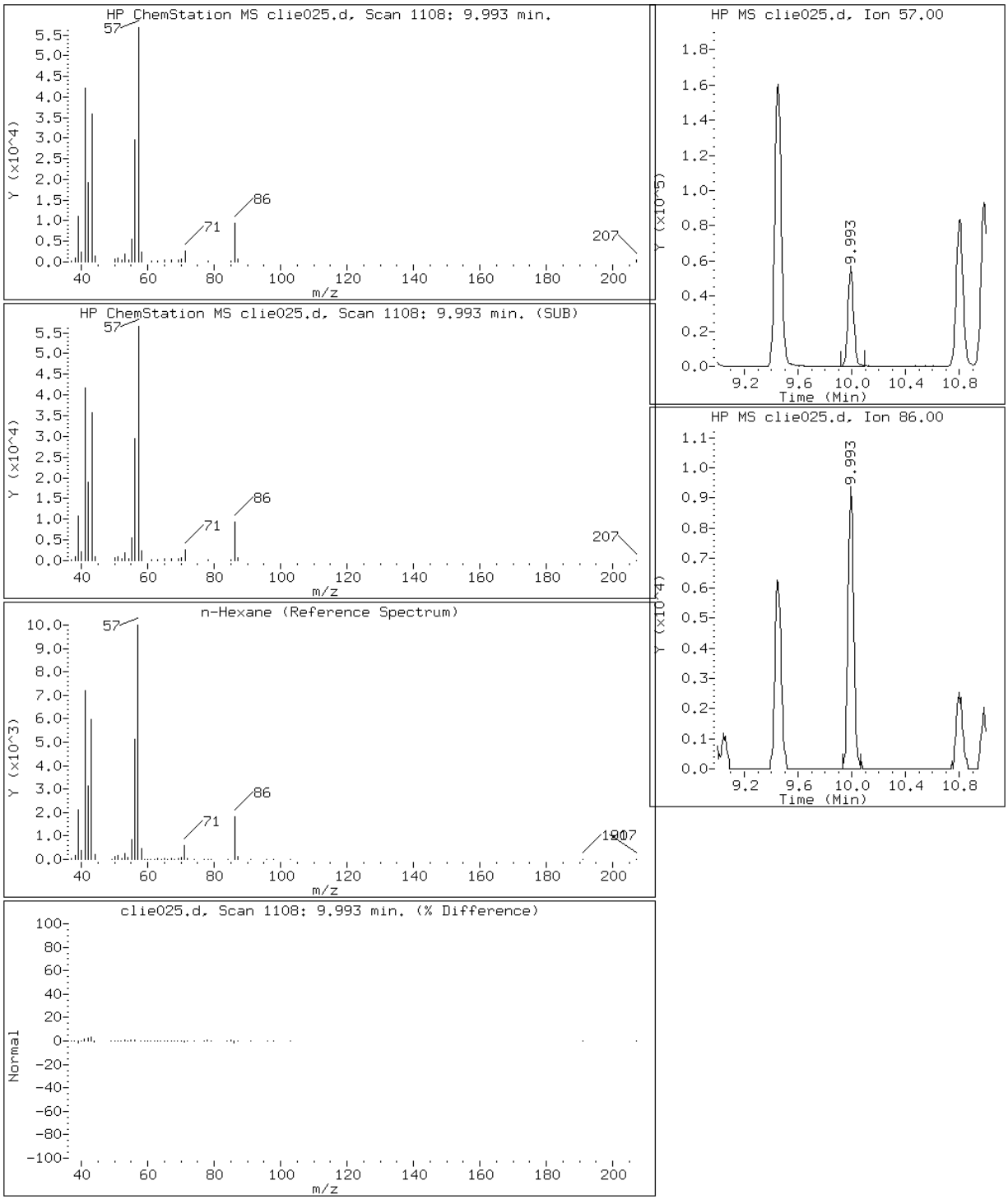
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

30 n-Hexane



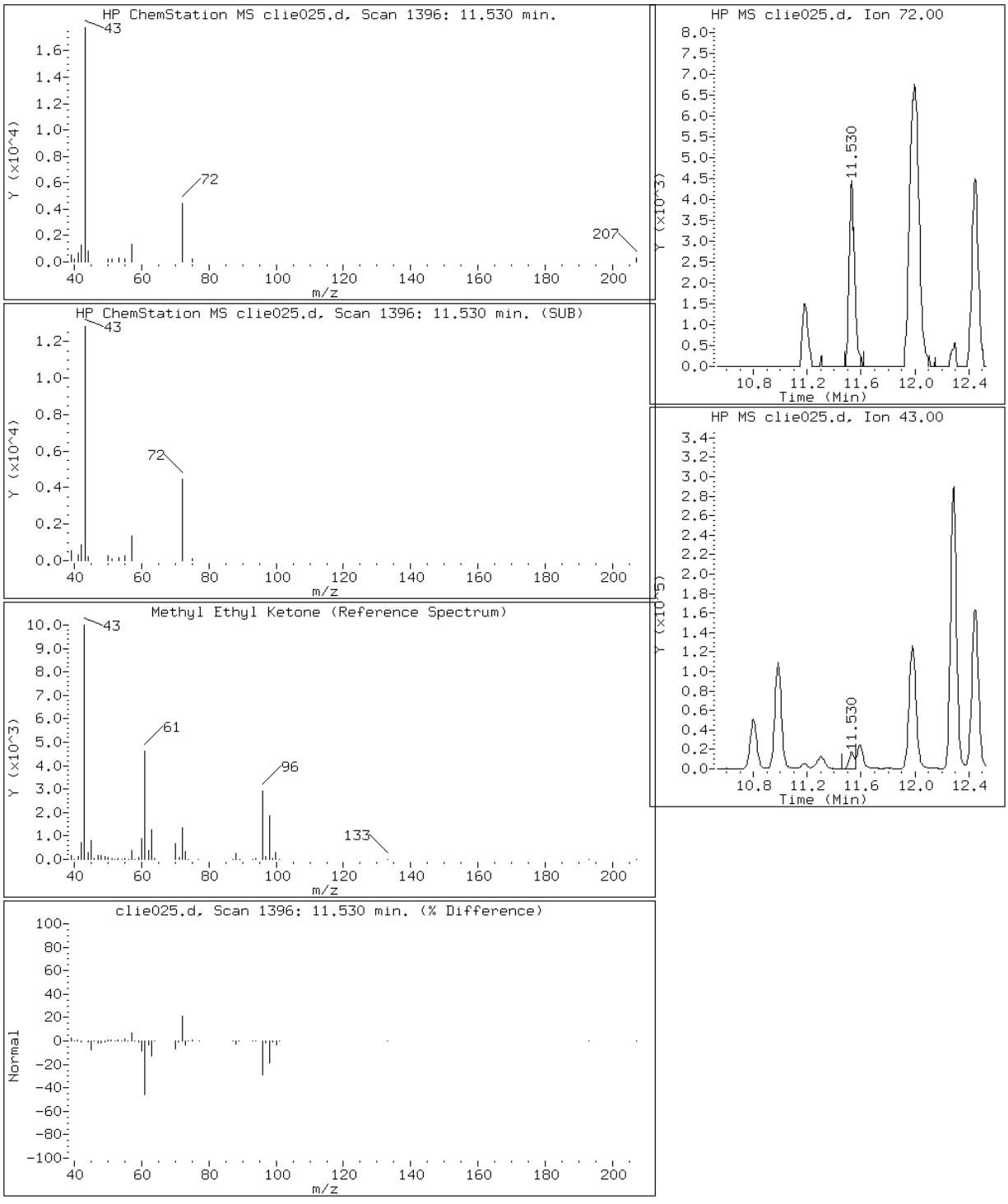
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

36 Methyl Ethyl Ketone



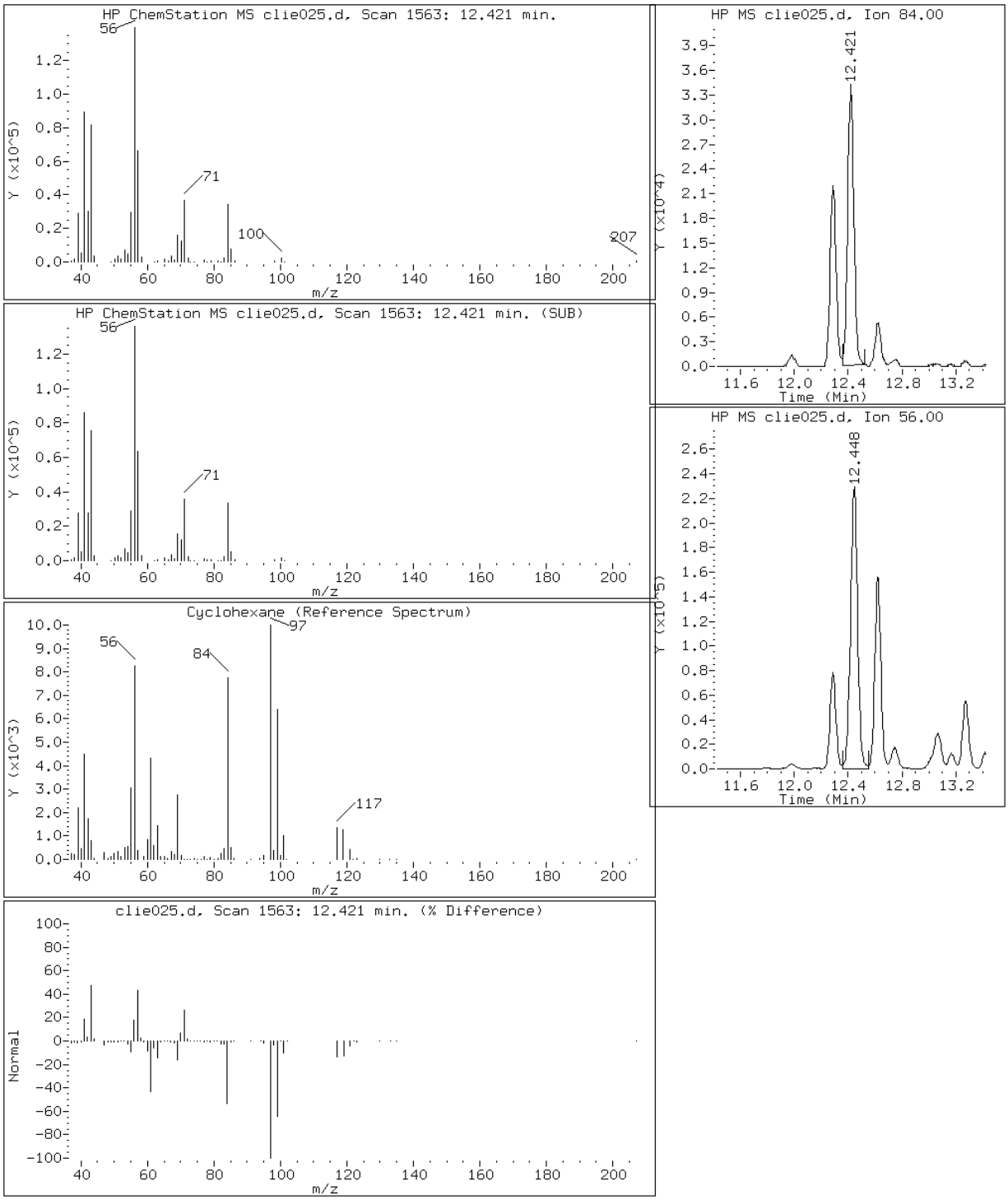
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

40 Cyclohexane



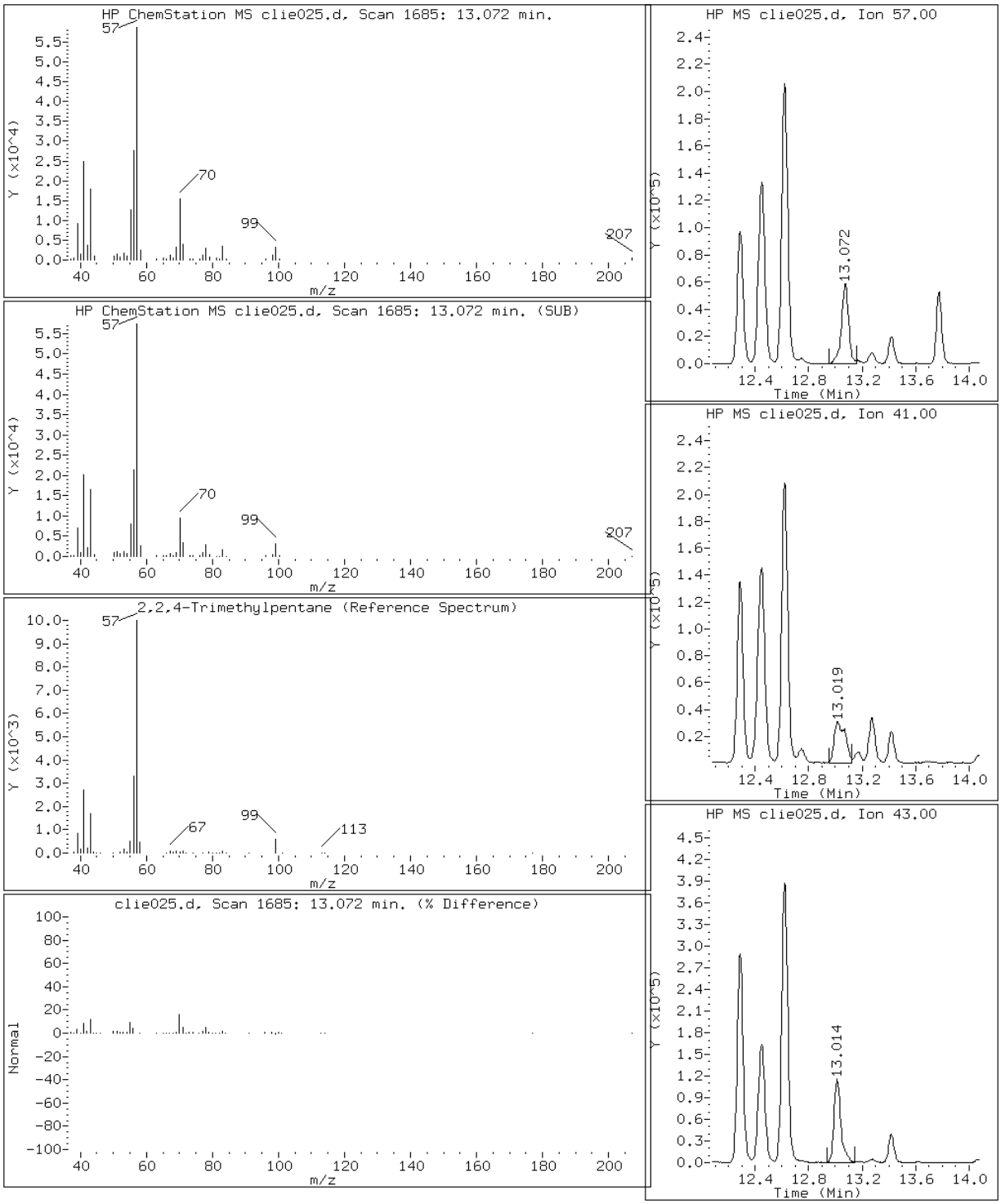
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

43 2,2,4-Trimethylpentane



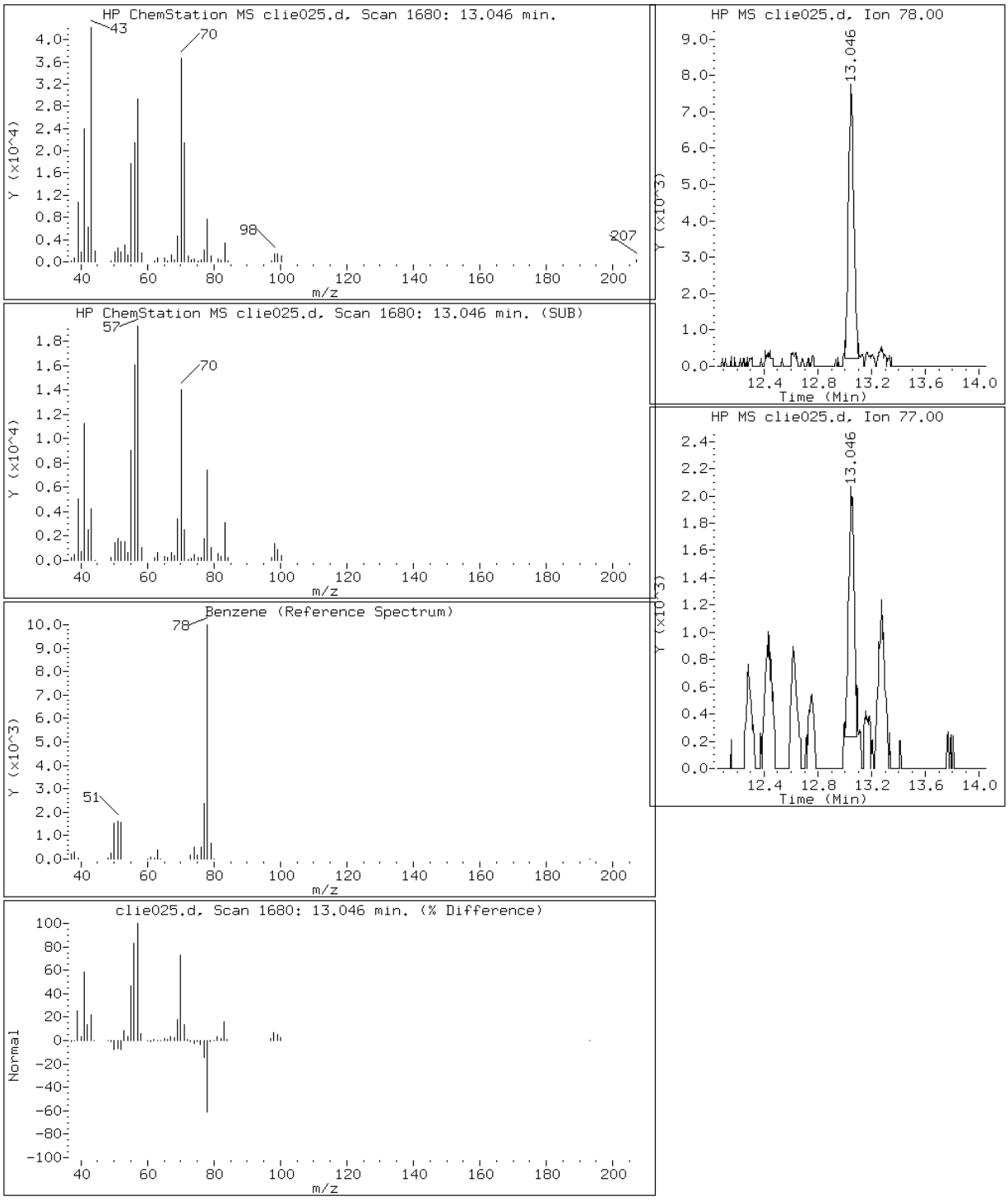
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

44 Benzene



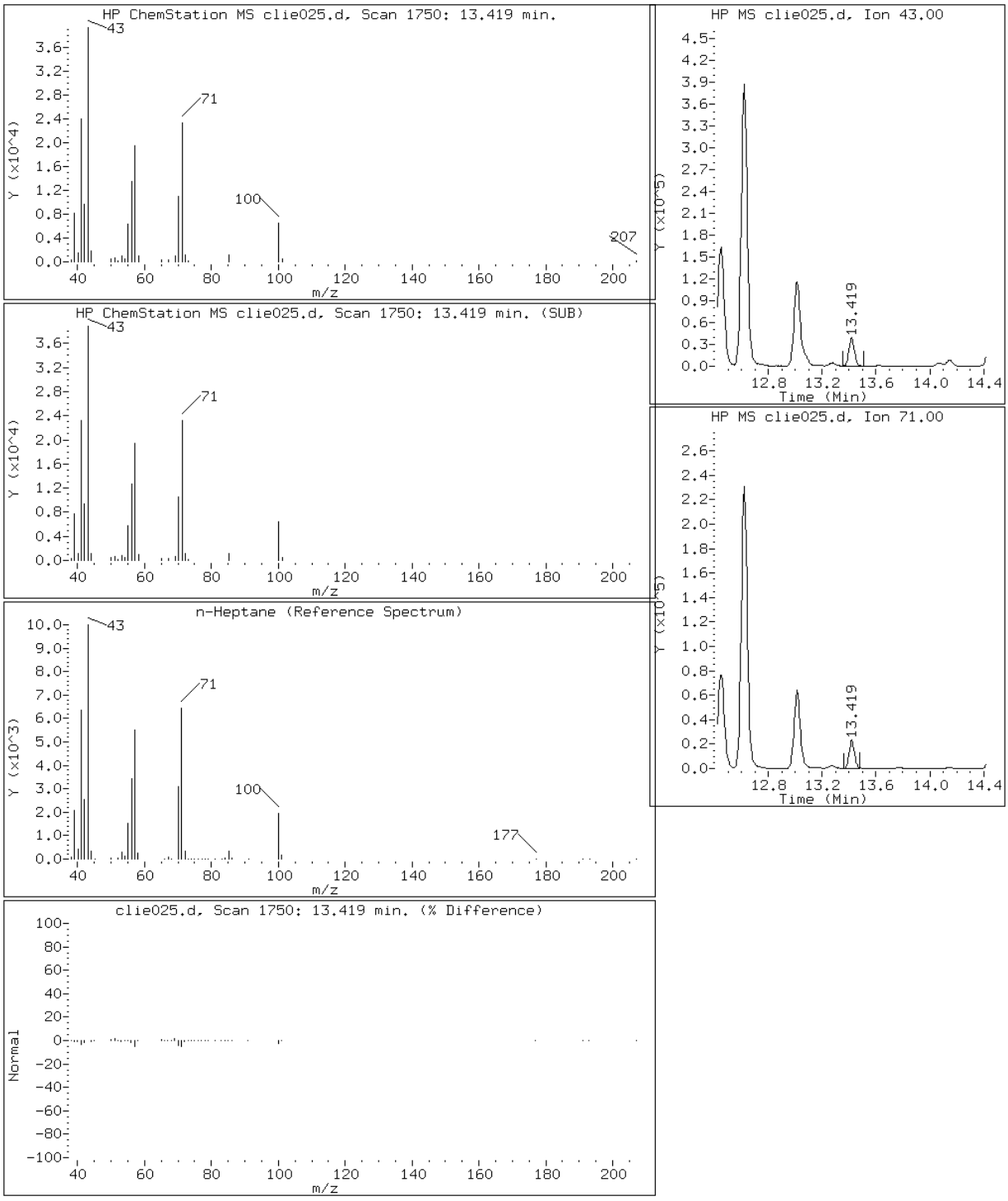
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

46 n-Heptane



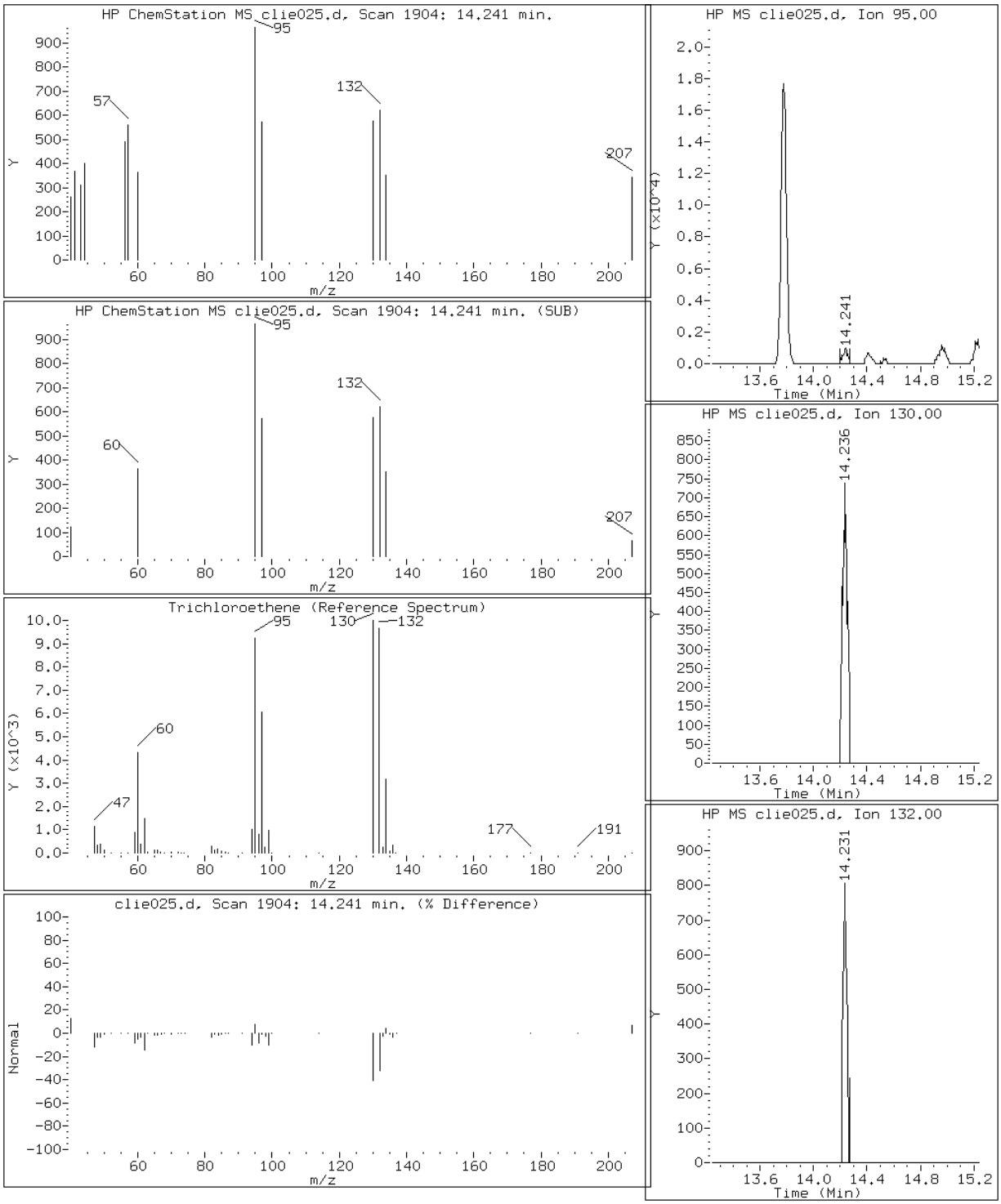
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

49 Trichloroethene



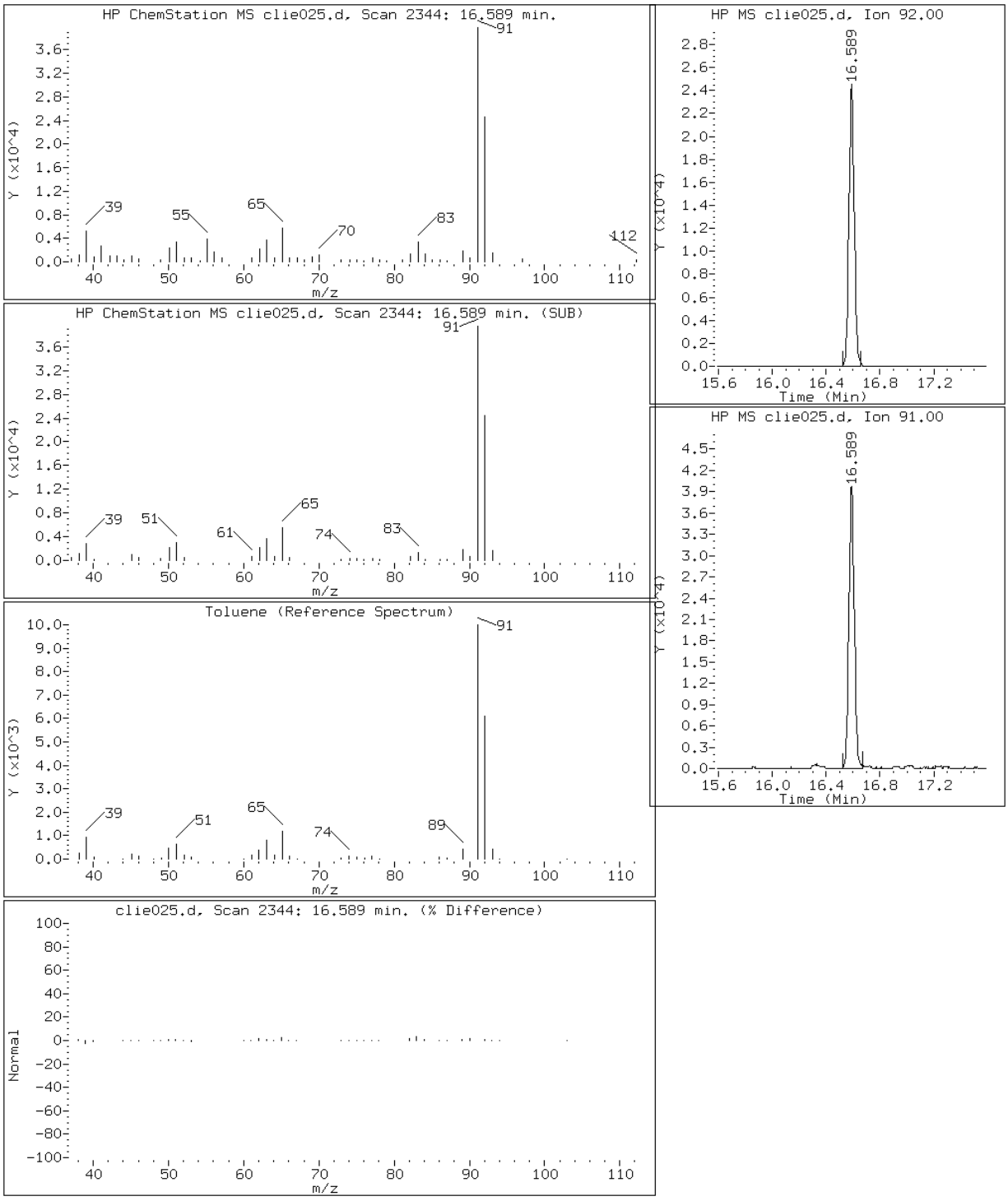
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Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

58 Toluene



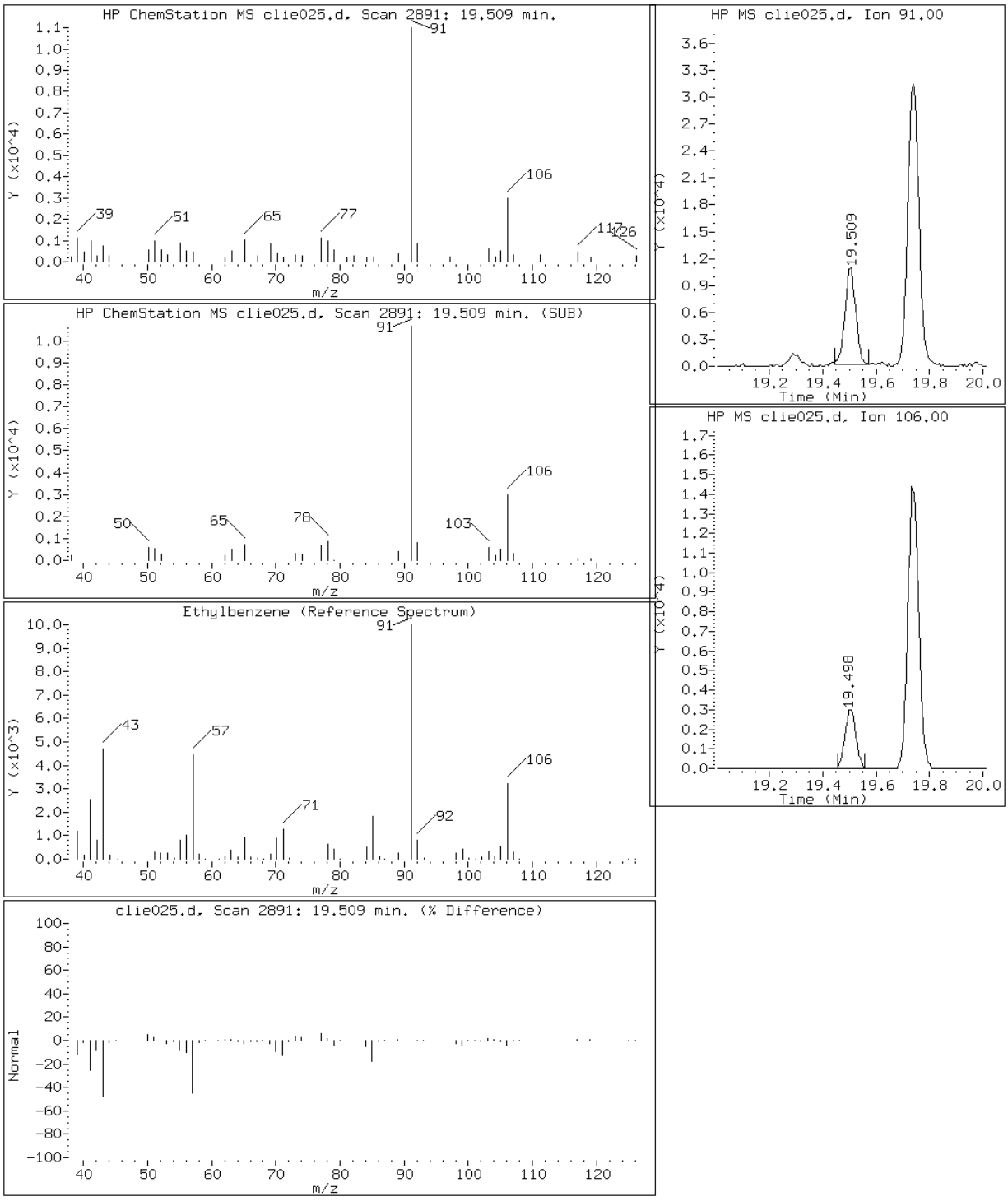
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

68 Ethylbenzene



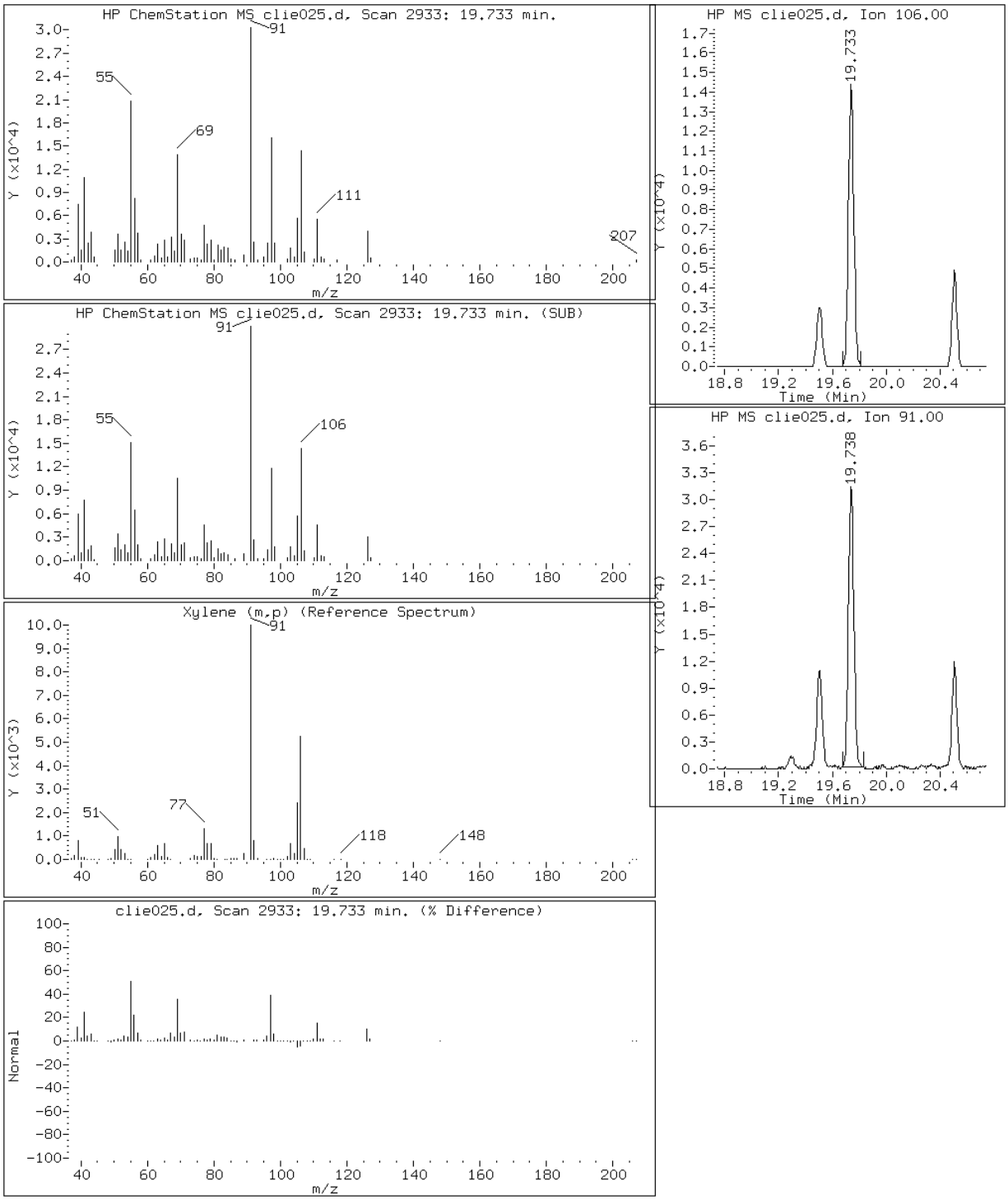
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

69 Xylene (m,p)



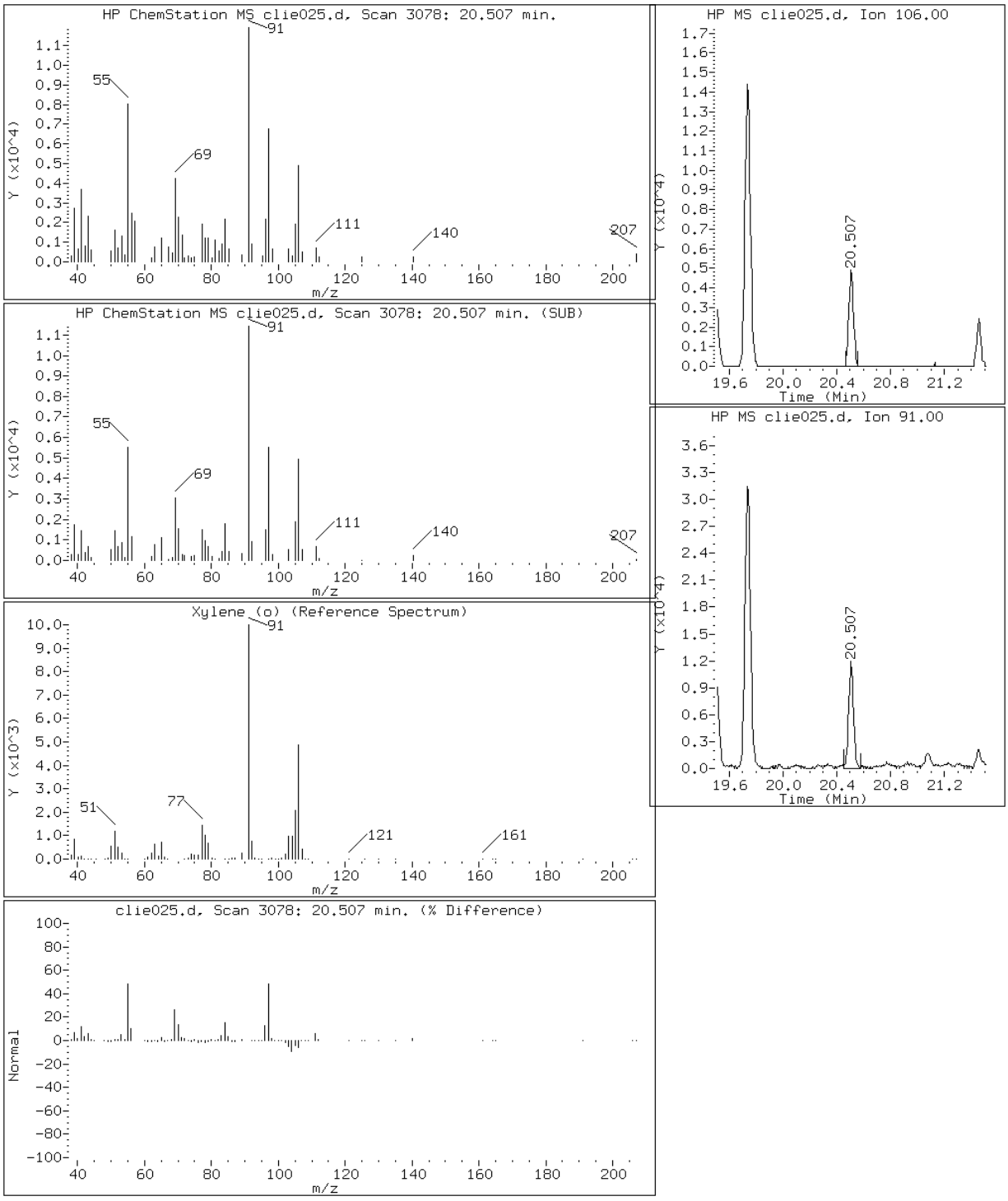
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

71 Xylene (o)



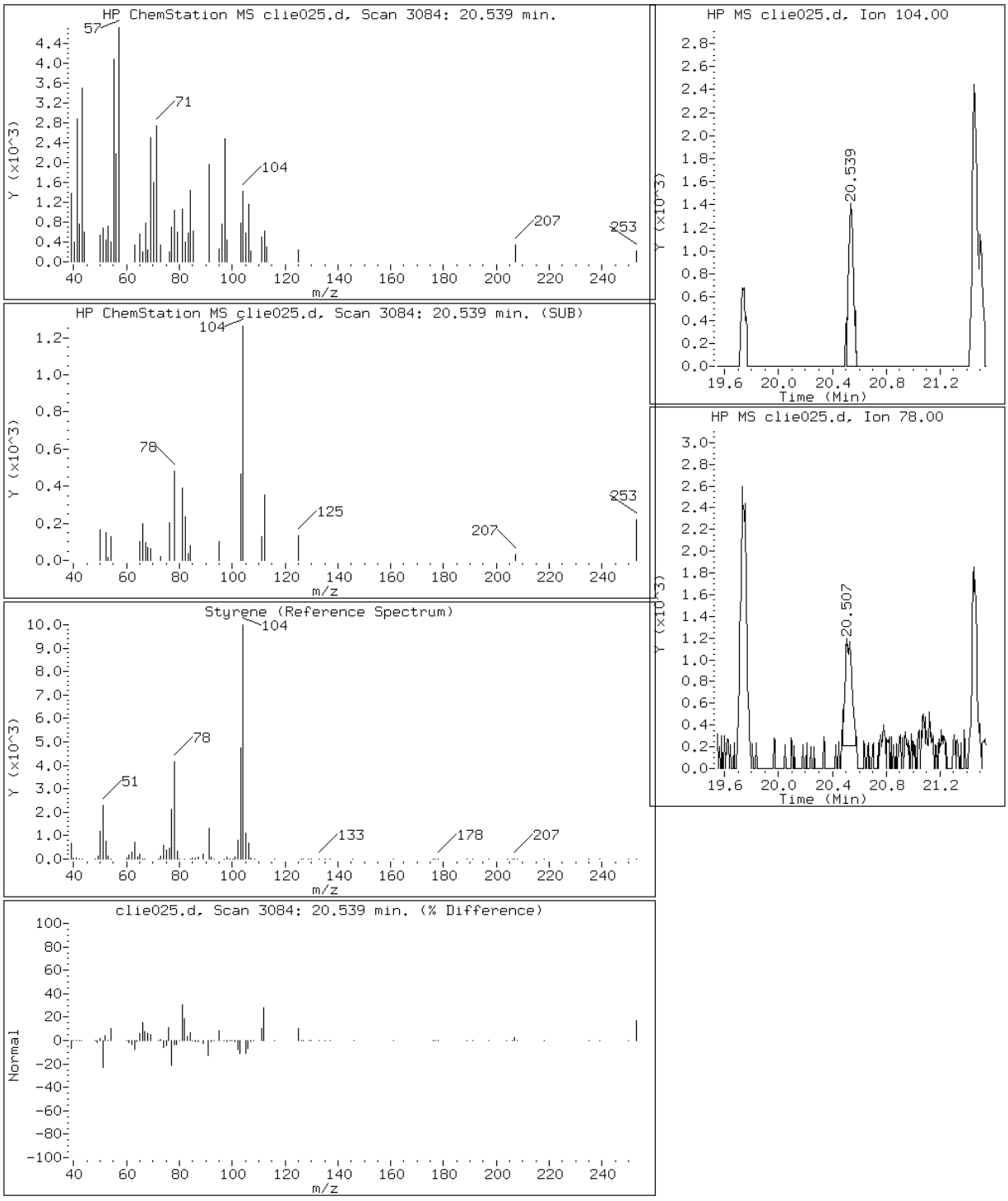
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

72 Styrene



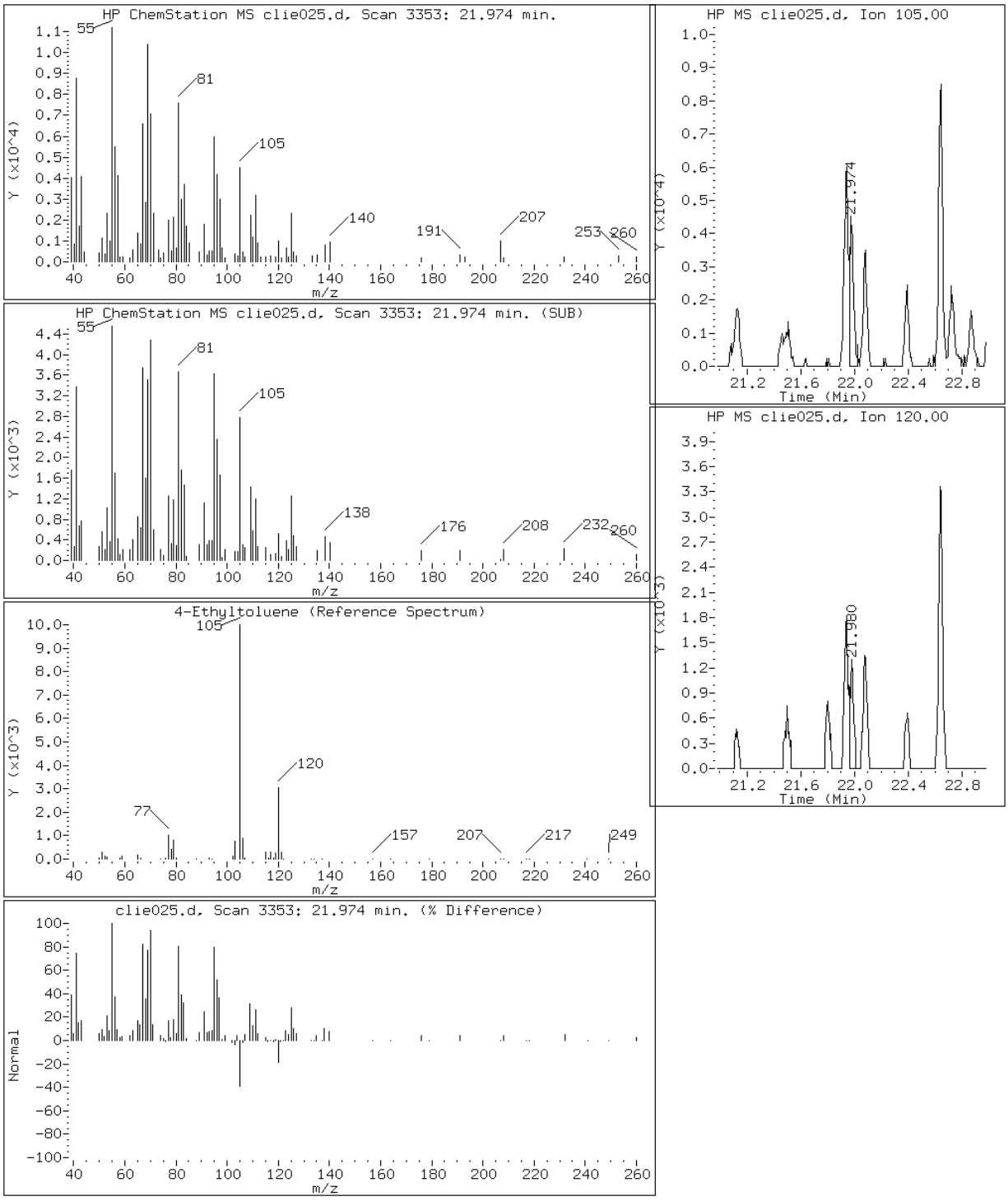
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

79 4-Ethyltoluene



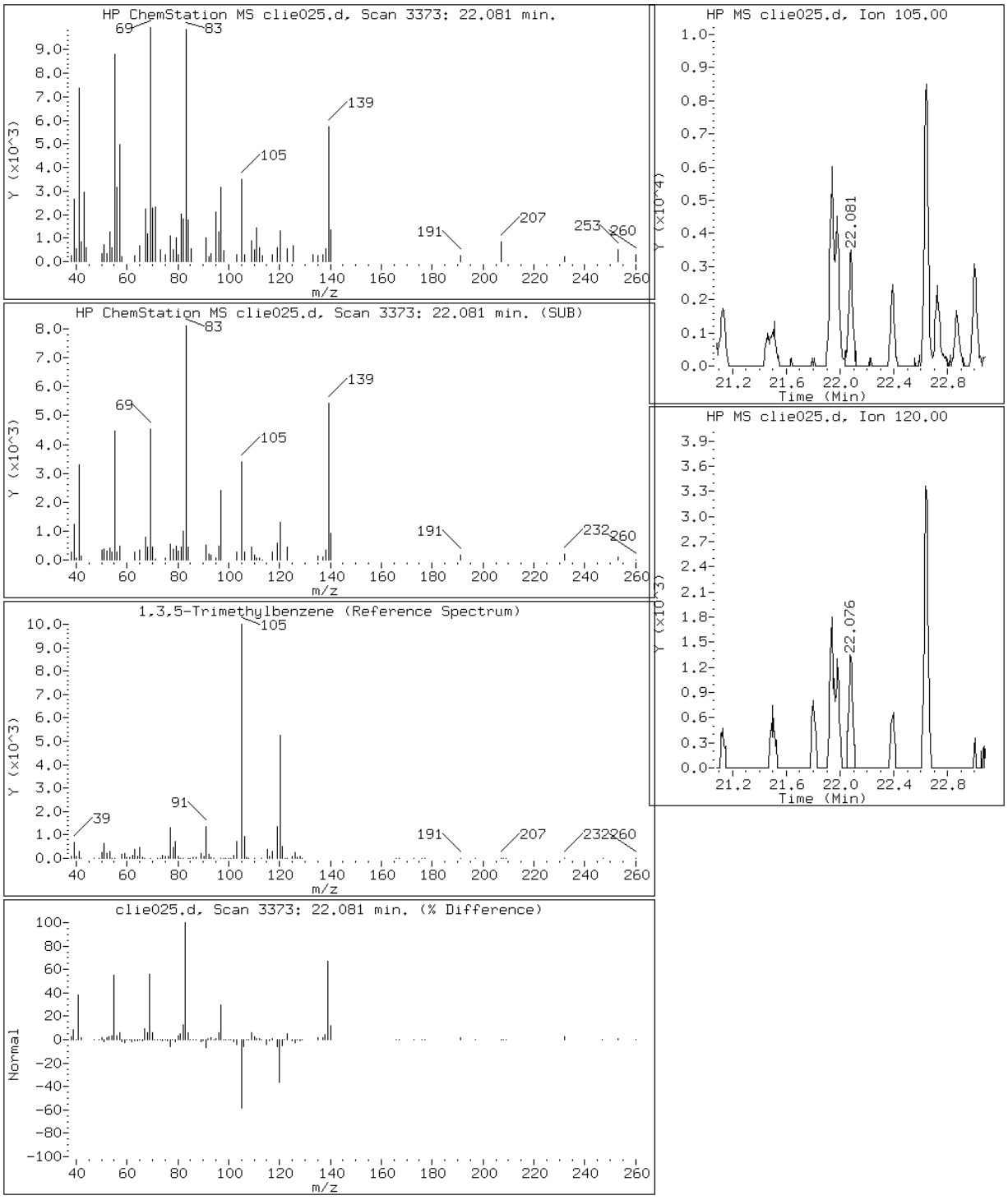
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

81 1,3,5-Trimethylbenzene



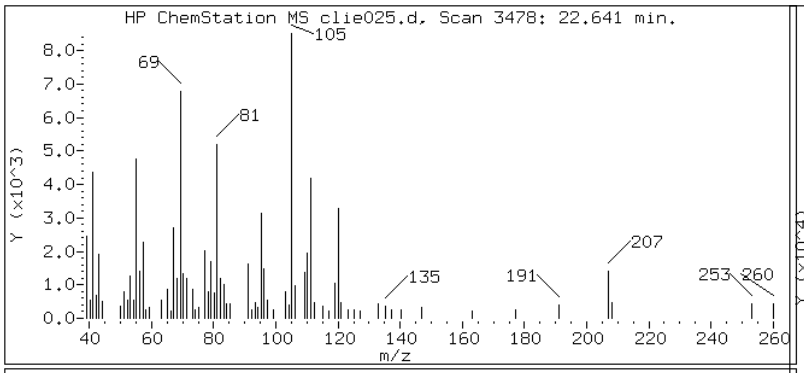
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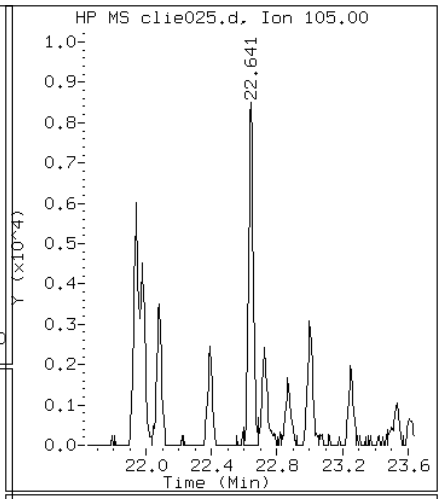
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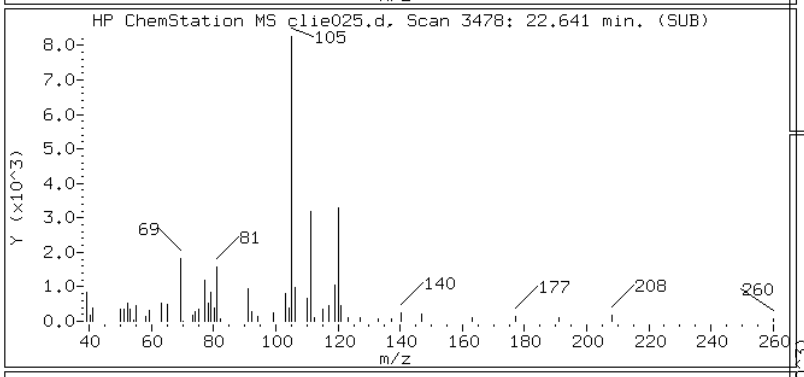
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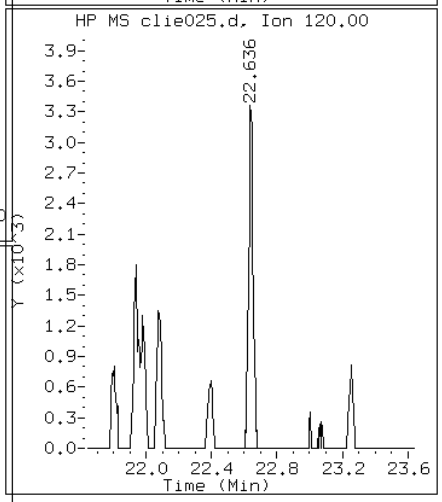
Sample Info: 280-39218-A-1 Operator: wrd

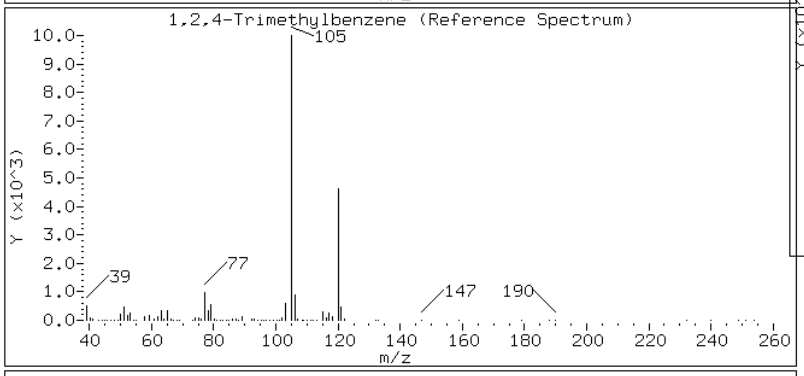
84 1,2,4-Trimethylbenzene

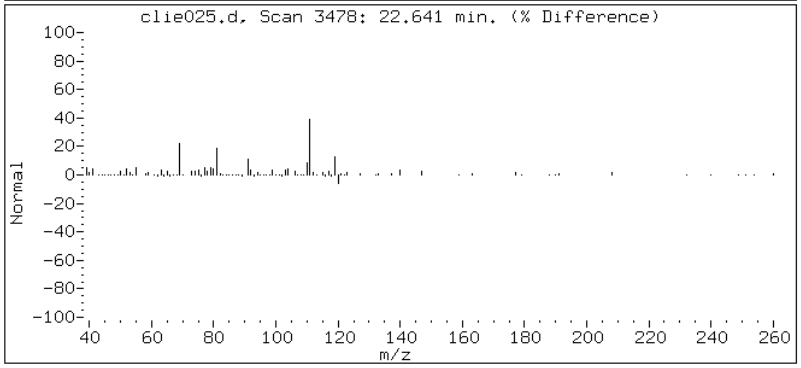












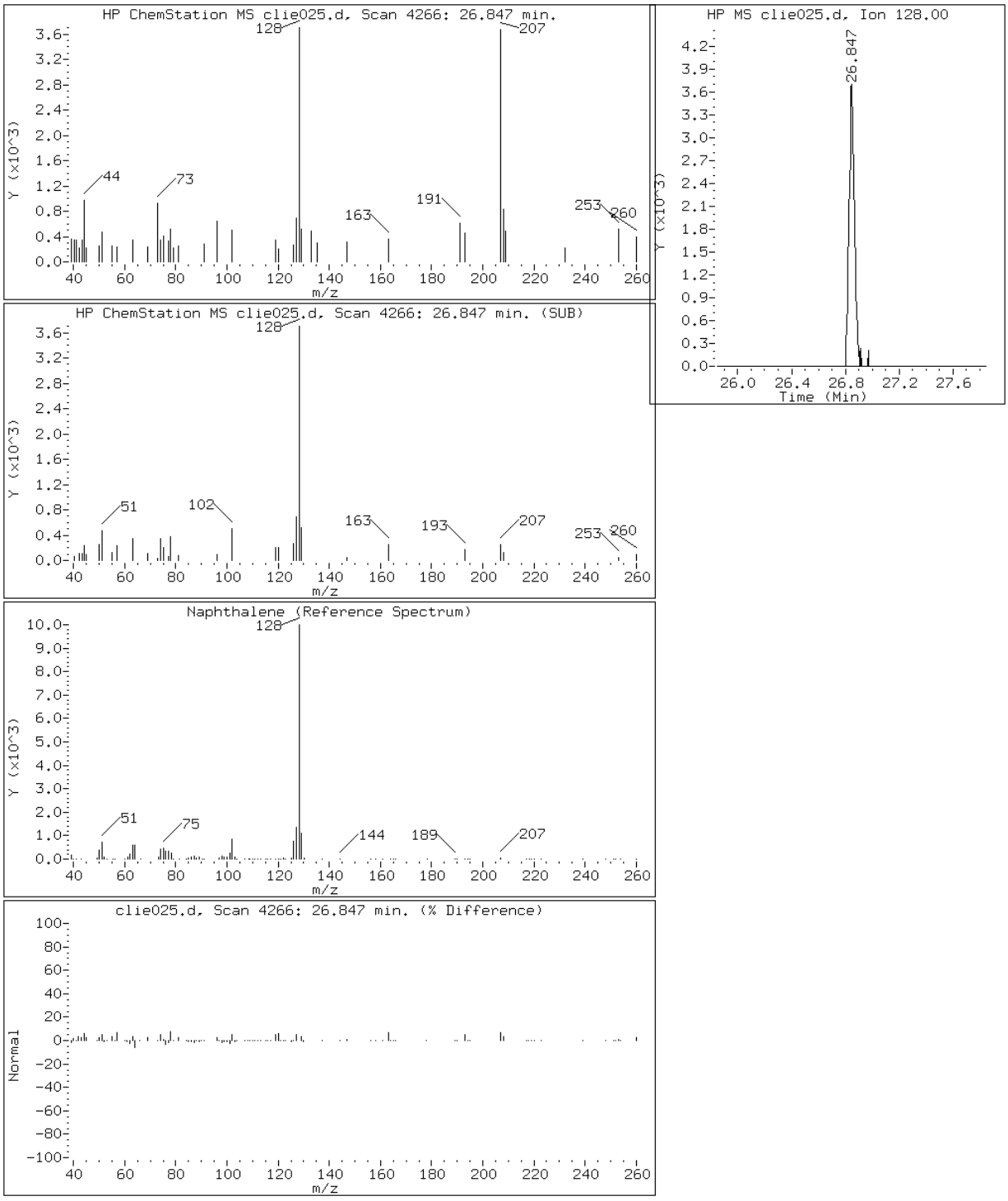
Data File: clie025.d

Lab Sample ID: 280-39218-1 Date: 15-MAR-2013 09:08

Client ID: 774VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-1 Operator: wrd

96 Naphthalene



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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0201HA Lab Sample ID: 280-39218-2

Matrix: Air Lab File ID: clie013.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:30

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.58		0.50	0.020
75-45-6	Freon 22	86.47	1.9	Q	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.91		0.50	0.034
106-97-8	n-Butane	58.12	1.5		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.33		0.20	0.021
76-13-1	Freon TF	187.38	0.085	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	34		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	16		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.14	J	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.22	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.46	J	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	6.7		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.8		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	3.6		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.12	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	2.6		0.20	0.015
71-43-2	Benzene	78.11	0.37		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.091	J	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0201HA Lab Sample ID: 280-39218-2

Matrix: Air Lab File ID: clie013.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:30

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.3		0.20	0.017
79-01-6	Trichloroethene	131.39	0.045	J	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	1.2		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.35		0.20	0.015
179601-23-1	m,p-Xylene	106.17	1.1		0.50	0.022
95-47-6	Xylene, o-	106.17	0.28		0.20	0.016
1330-20-7	Xylene (total)	106.17	1.4		0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.053	J	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.091	J	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0201HA Lab Sample ID: 280-39218-2

Matrix: Air Lab File ID: clie013.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:30

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0201HA Lab Sample ID: 280-39218-2

Matrix: Air Lab File ID: clie013.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:30

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.9		2.5	0.099
75-45-6	Freon 22	86.47	6.7	Q	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.9		1.0	0.070
106-97-8	n-Butane	58.12	3.6		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.8		1.1	0.12
76-13-1	Freon TF	187.38	0.65	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	82		12	0.95
67-63-0	Isopropyl alcohol	60.10	39		12	0.19
75-15-0	Carbon disulfide	76.14	0.42	J	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.77	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	1.4	J	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	23		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	5.4		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	12		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.76	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	12		0.93	0.070
71-43-2	Benzene	78.11	1.2		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.37	J	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0201HA Lab Sample ID: 280-39218-2

Matrix: Air Lab File ID: clie013.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:30

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	18		0.82	0.070
79-01-6	Trichloroethene	131.39	0.24	J	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	4.7		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	1.5		0.87	0.065
179601-23-1	m,p-Xylene	106.17	4.7		2.2	0.096
95-47-6	Xylene, o-	106.17	1.2		0.87	0.069
1330-20-7	Xylene (total)	106.17	5.9		0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.26	J	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.45	J	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0201HA Lab Sample ID: 280-39218-2

Matrix: Air Lab File ID: clie013.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:30

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-2
Client Smp ID: 774VMP0201HA
Inj Date : 14-MAR-2013 21:43
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-2
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	45708	0.57736	0.58
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	80920	1.89465	1.9
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.774	4.779	(0.399)	21753	0.91224	0.91
6 Butane	43	5.035	5.046	(0.421)	59286	1.50115	1.5
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.775	6.785	(0.567)	25541	0.32772	0.33
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.944	(0.664)	4301	0.08455	0.085(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.146	8.157	(0.682)	1081685	34.3262	34

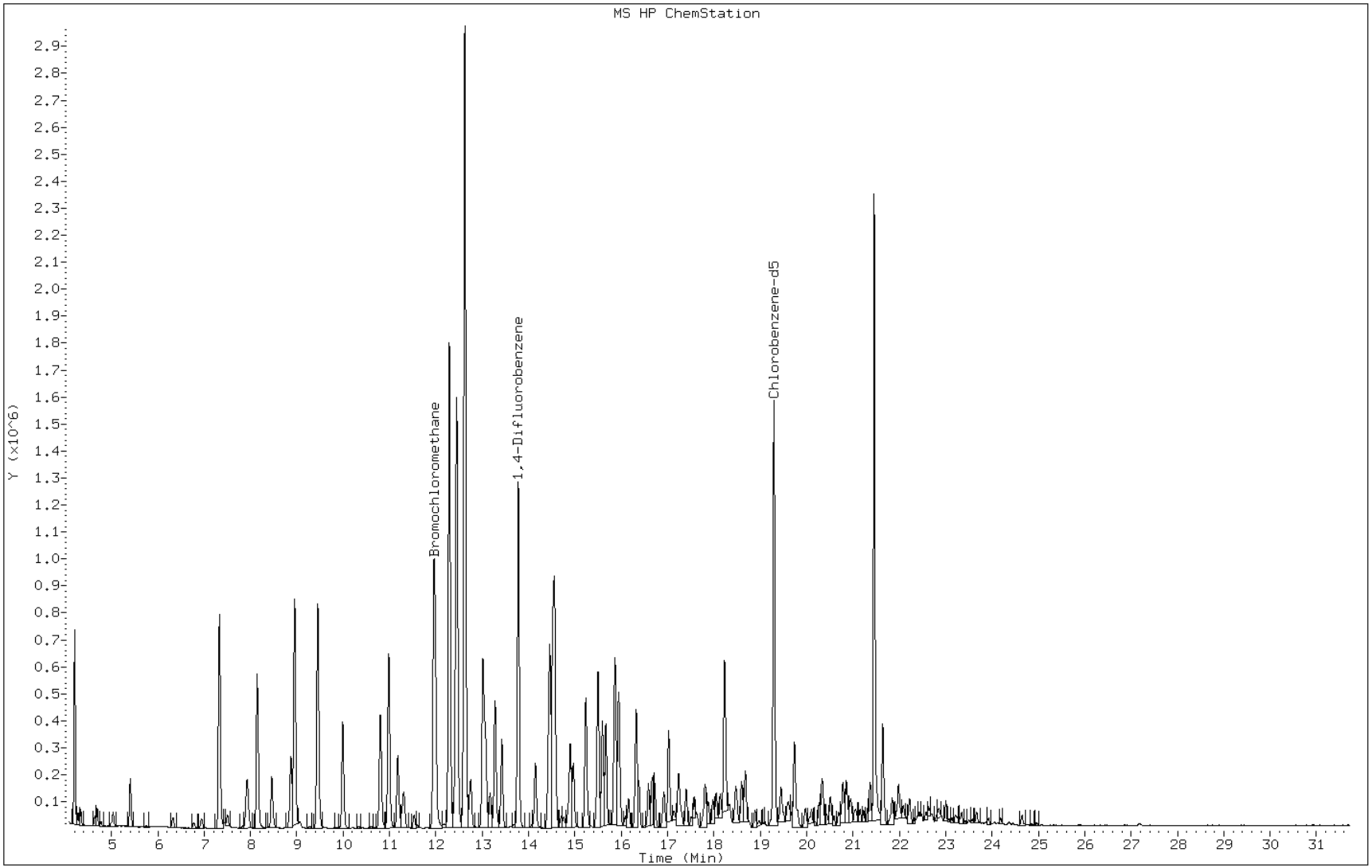
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	21 Carbon disulfide	76	8.403	8.408	(0.703)	10163	0.13581	0.14(a)
	22 Isopropanol	45	8.461	8.461	(0.708)	362437	15.7257	16
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.048	9.059	(0.757)	6283	0.22256	0.22(a)
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	15385	0.46108	0.46(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.993	9.998	(0.836)	291504	6.66706	6.7
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	21890	1.83004	1.8(Q)
*	37 Bromochloromethane	128	11.952	11.957	(1.000)	231729	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	12.421	12.427	(0.902)	148828	3.62182	3.6(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	12.646	12.656	(0.918)	8856	0.12100	0.12(a)
	43 2,2,4-Trimethylpentane	57	13.072	13.078	(0.949)	364800	2.60947	2.6(Q)
	44 Benzene	78	13.051	13.051	(0.947)	36105	0.37388	0.37
	45 1,2-Dichloroethane	62	13.158	13.168	(0.955)	3851	0.09131	0.091(aQ)
	46 n-Heptane	43	13.419	13.419	(0.974)	221150	4.34644	4.3
*	47 1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1390052	10.0000	
	49 Trichloroethene	95	14.231	14.241	(1.033)	1995	0.04510	0.045(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.589	16.589	(0.860)	82360	1.23651	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	19.295	19.295	(1.000)	1296270	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	19.503	19.509	(1.011)	48364	0.34609	0.35
	69 Xylene (m,p)	106	19.738	19.743	(1.023)	56734	1.07934	1.1
M	70 Xylenes, Total	106				70937	1.35893	1.4
	71 Xylene (o)	106	20.512	20.512	(1.063)	14203	0.27959	0.28(Q)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	21.980	21.980	(1.139)	7975	0.05258	0.053(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	11448	0.09068	0.091(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clie013.d	Date:	14-MAR-2013 21:43
Client ID:	774VMP0201HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-2		
Lab Sample ID:	280-39218-2		



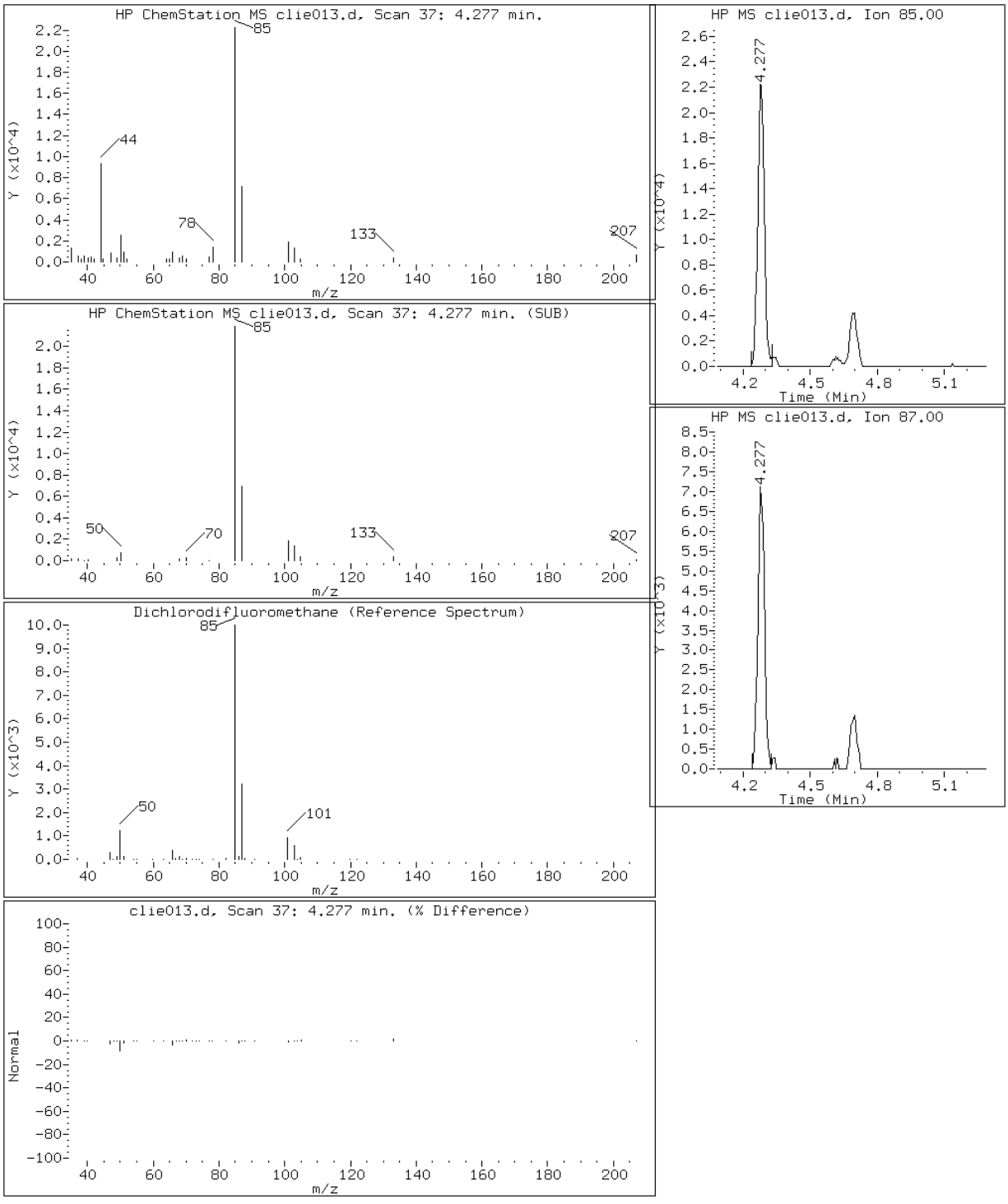
Data File: clie013.d

Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

2 Dichlorodifluoromethane



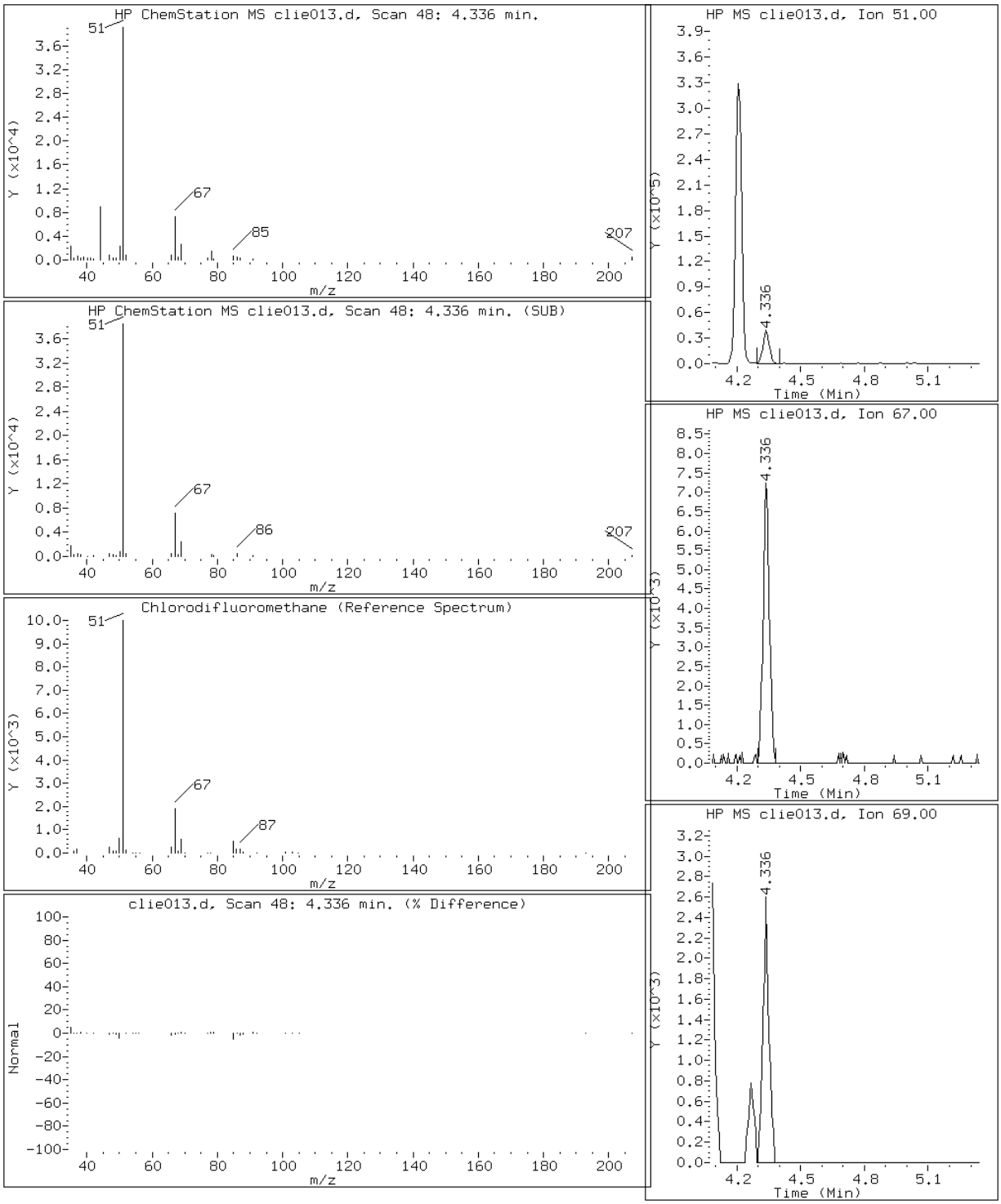
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

3 Chlorodifluoromethane



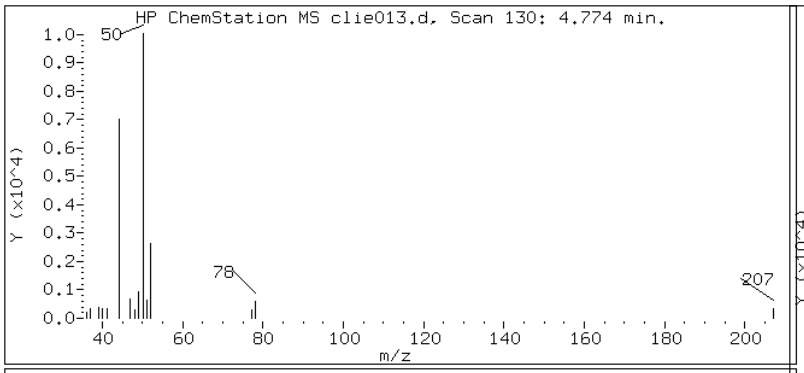
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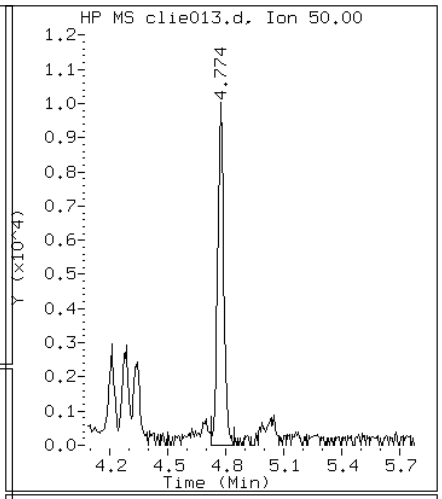
Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

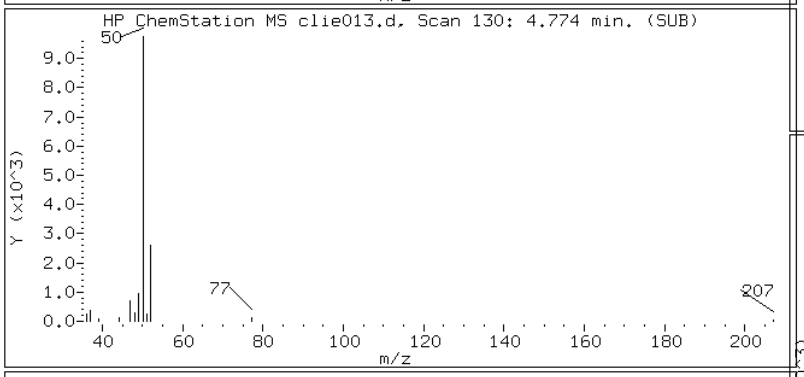
Client ID: 774VMP0201HA Instrument: C.i

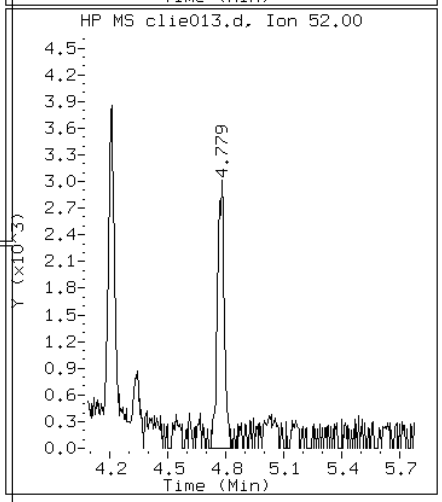
Sample Info: 280-39218-A-2 Operator: wrd

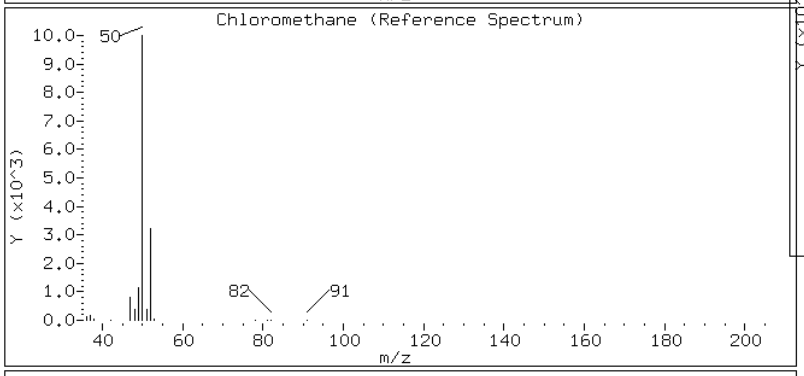
5 Chloromethane

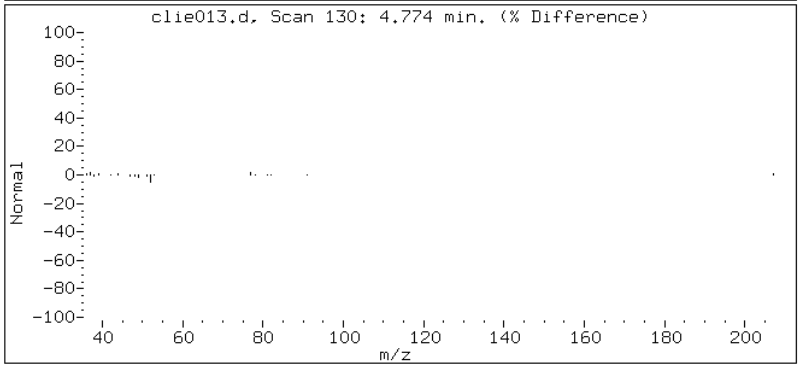












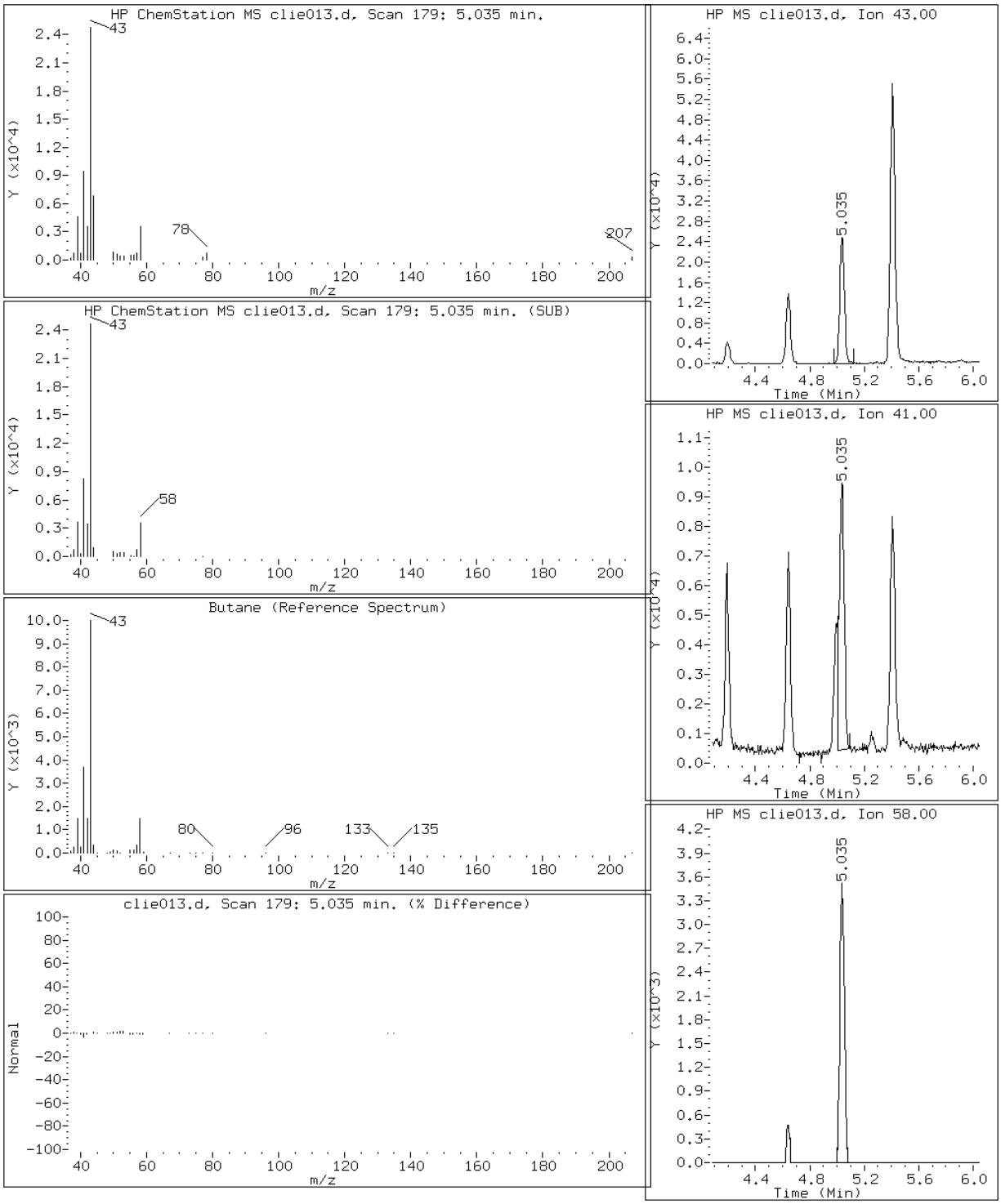
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

6 Butane



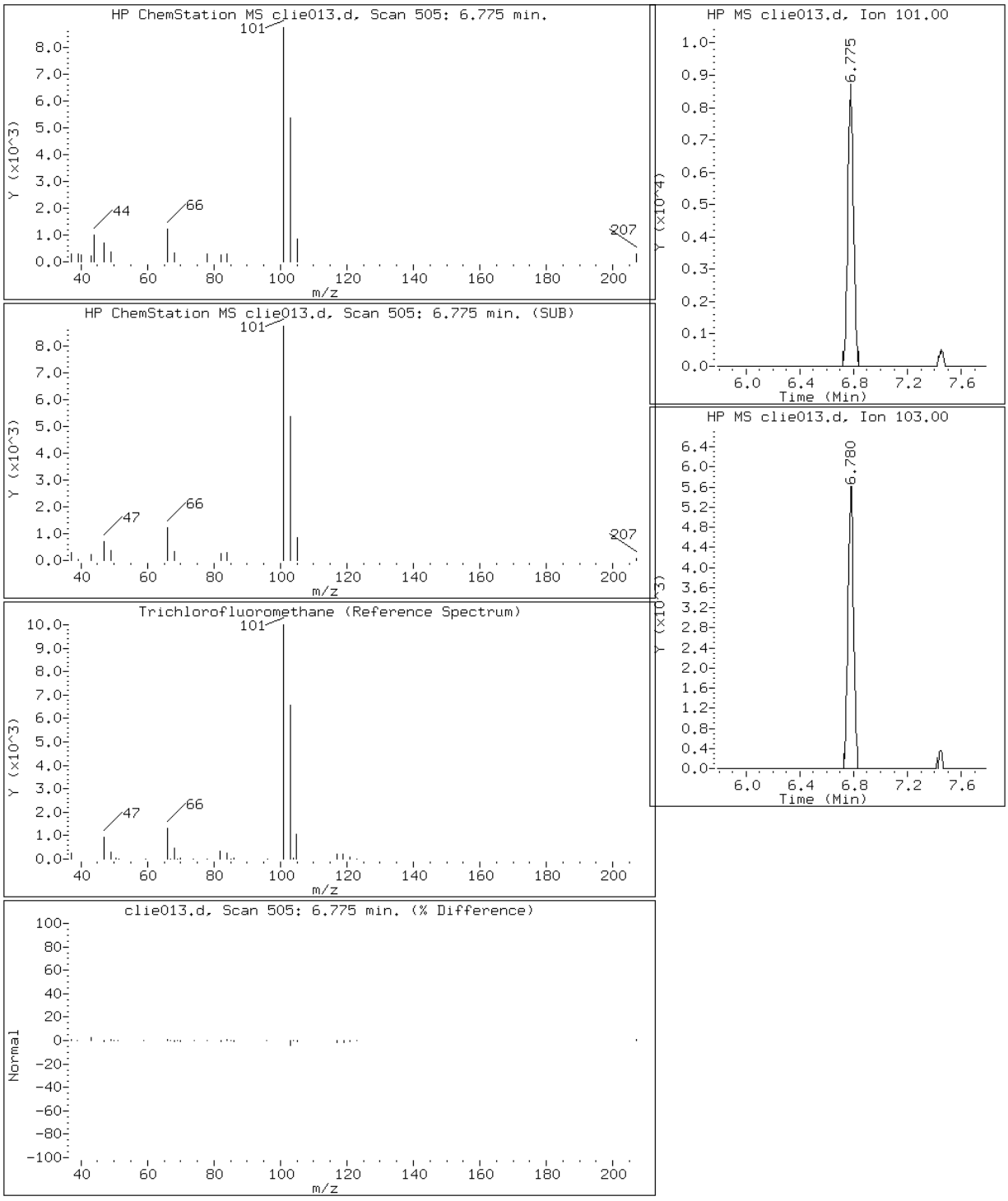
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

13 Trichlorofluoromethane



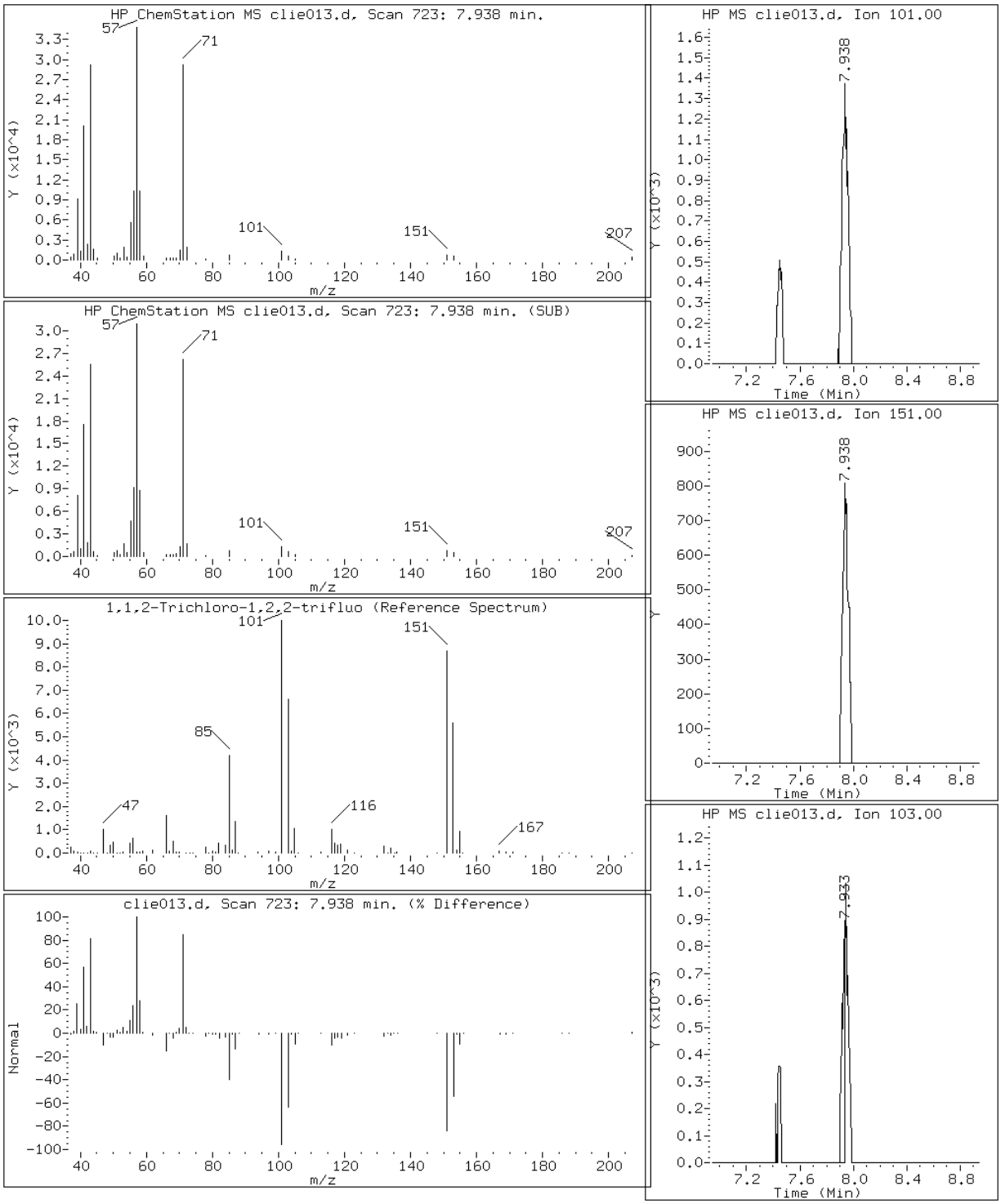
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



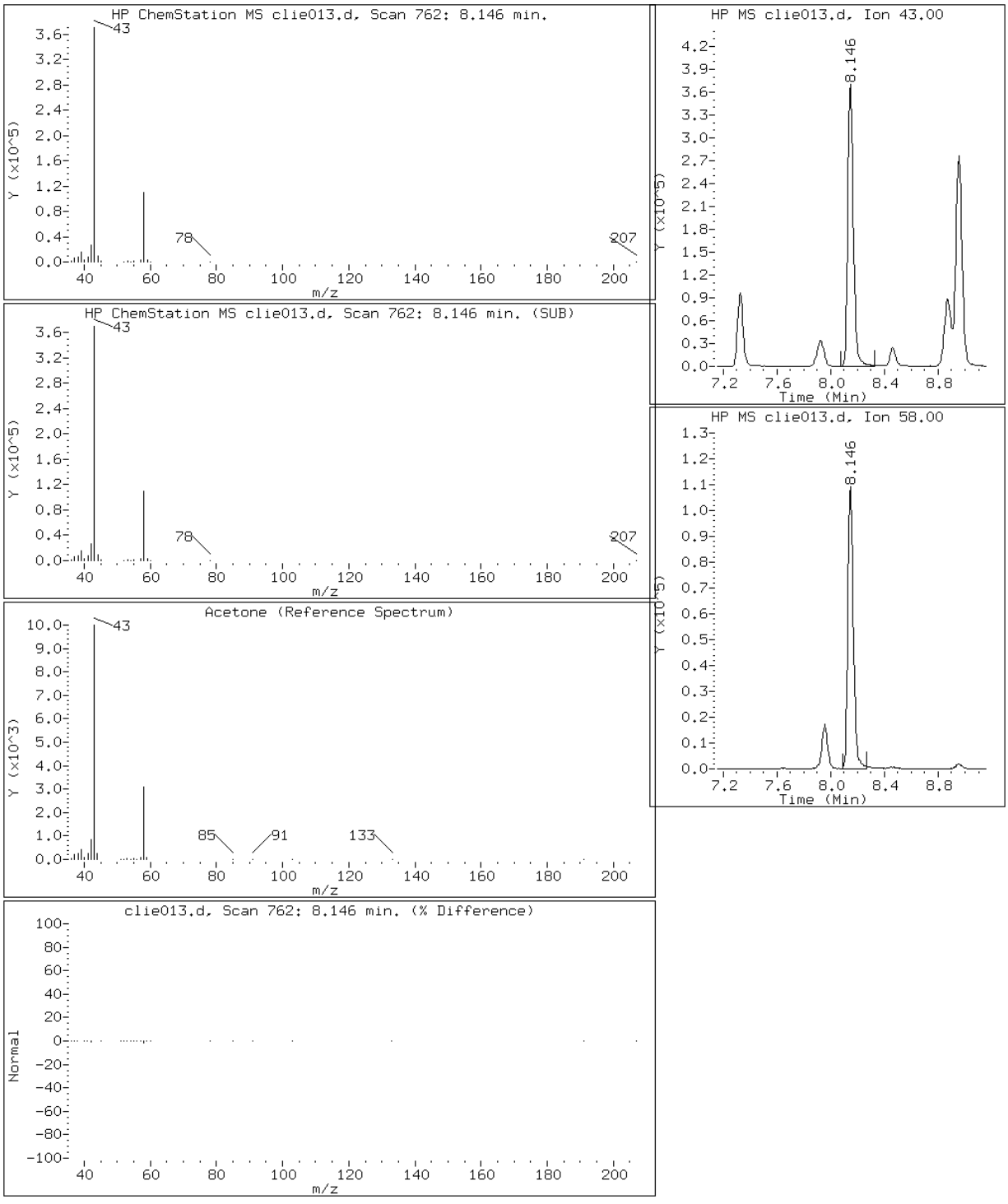
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

20 Acetone



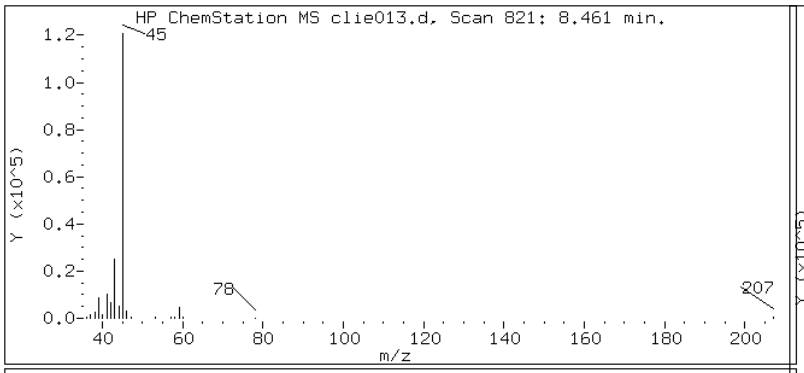
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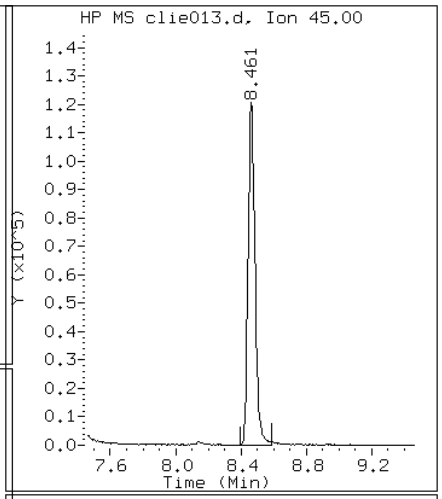
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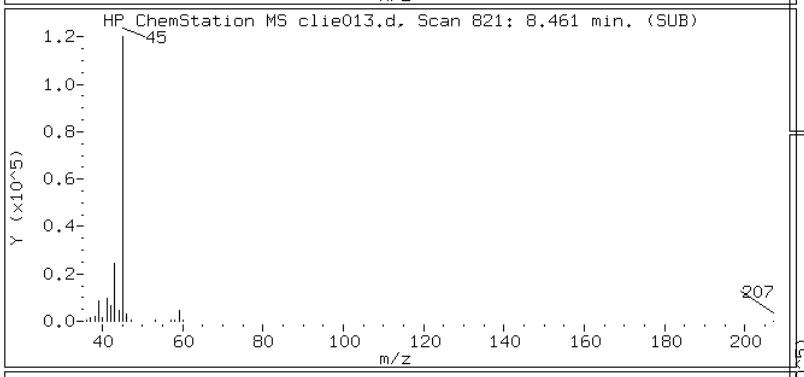
Client ID: 774VMP0201HA Instrument: C.i

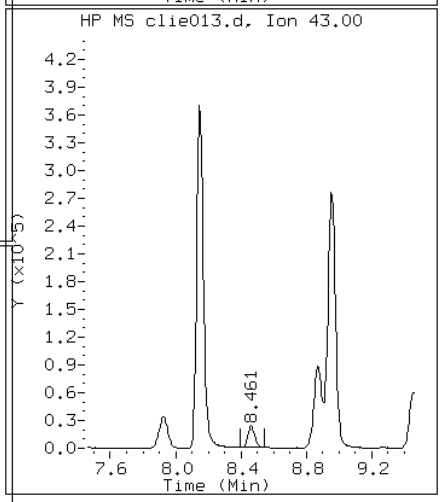
Sample Info: 280-39218-A-2 Operator: wrd

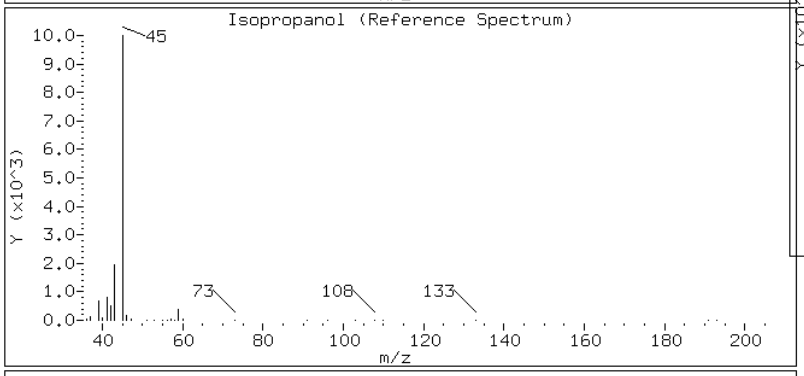
22 Isopropanol

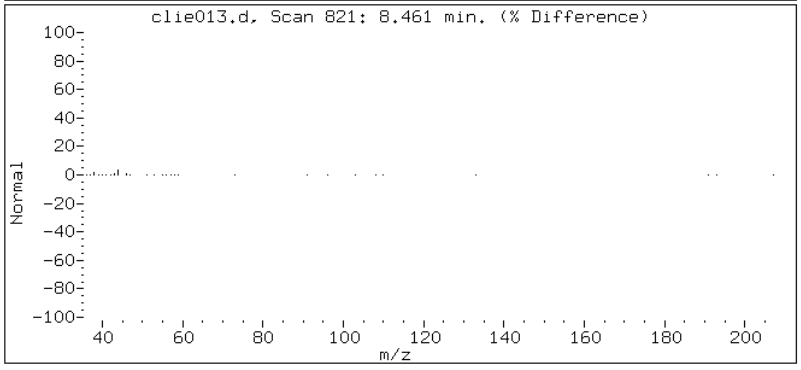












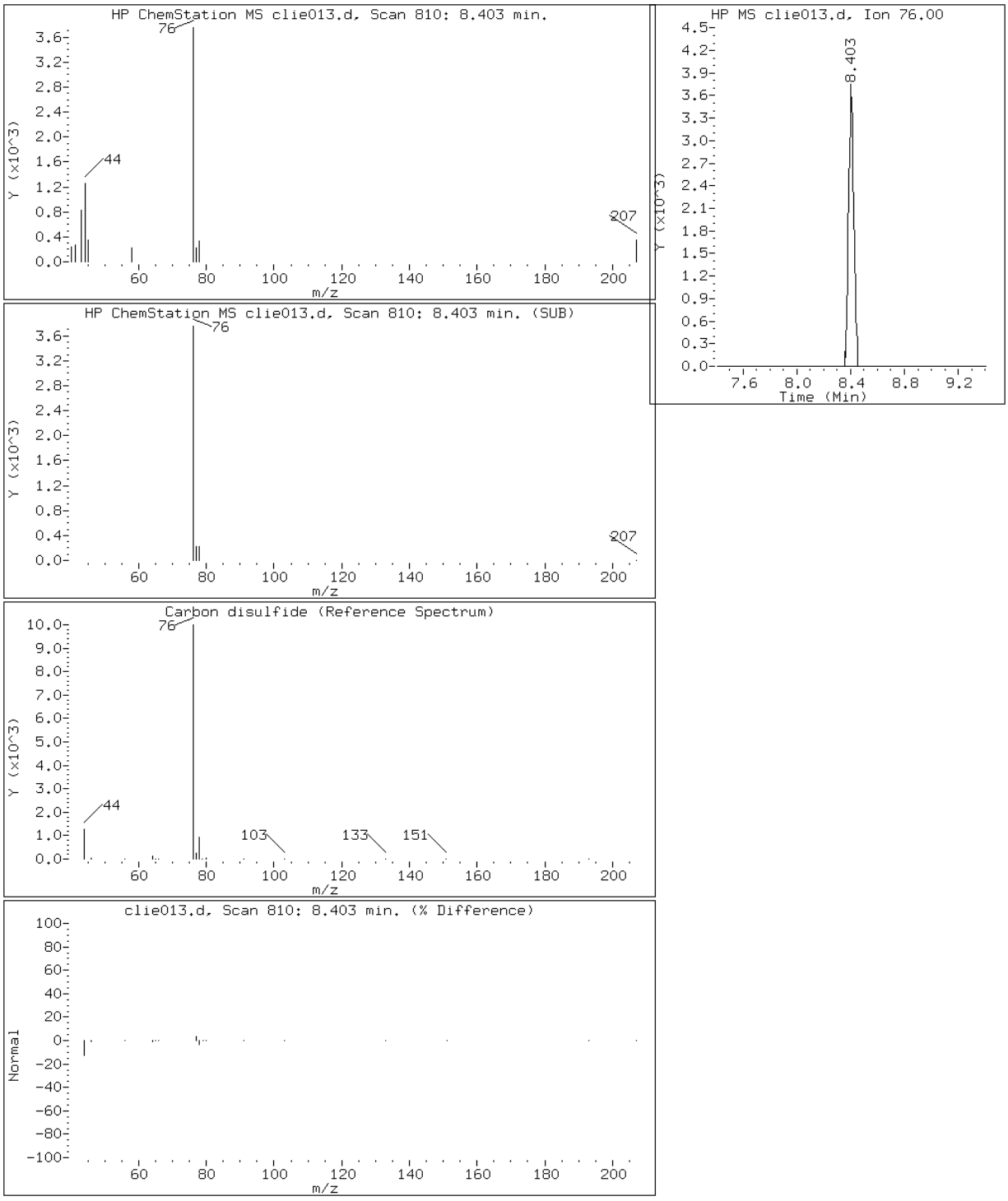
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

21 Carbon disulfide



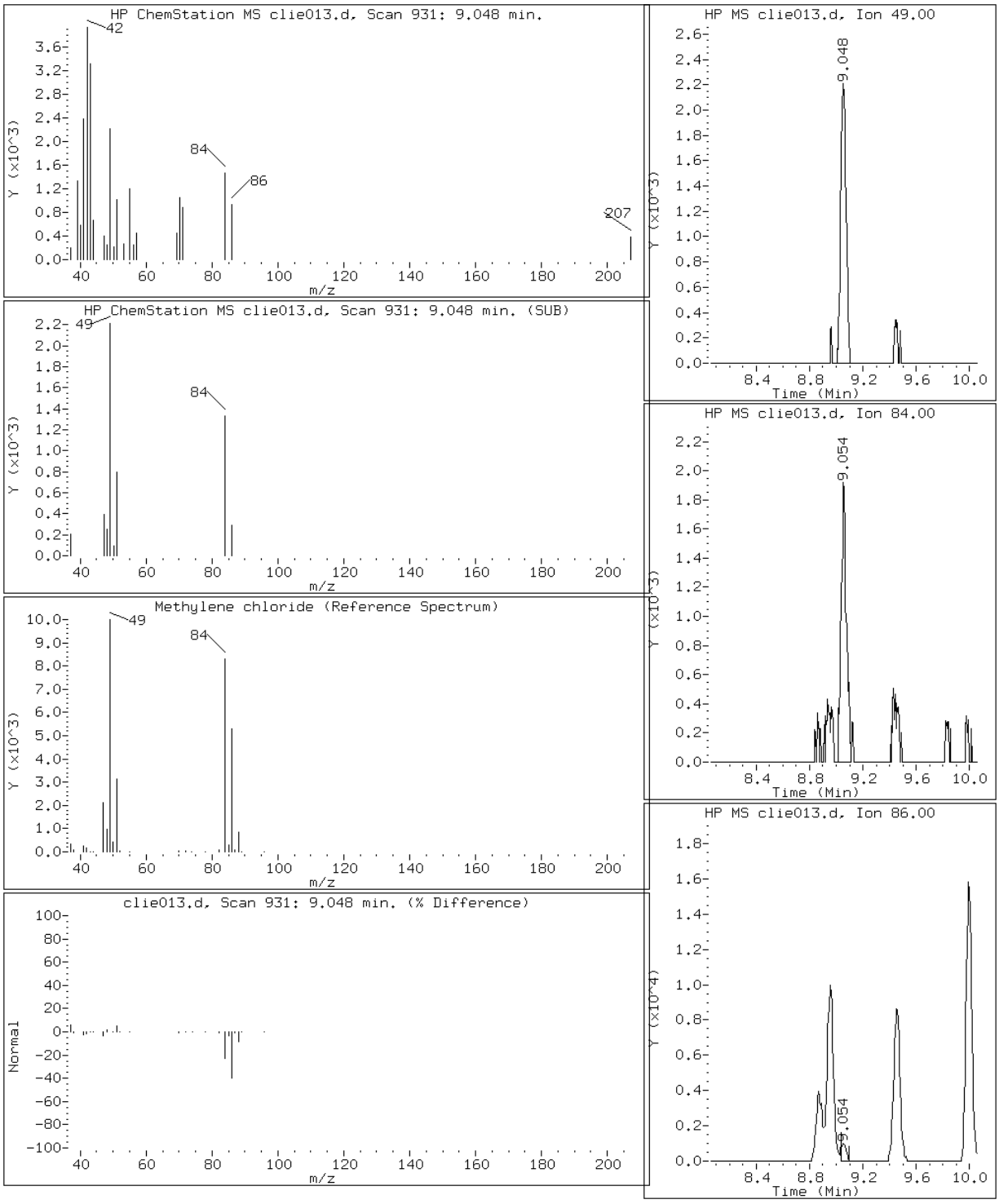
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

25 Methylene chloride



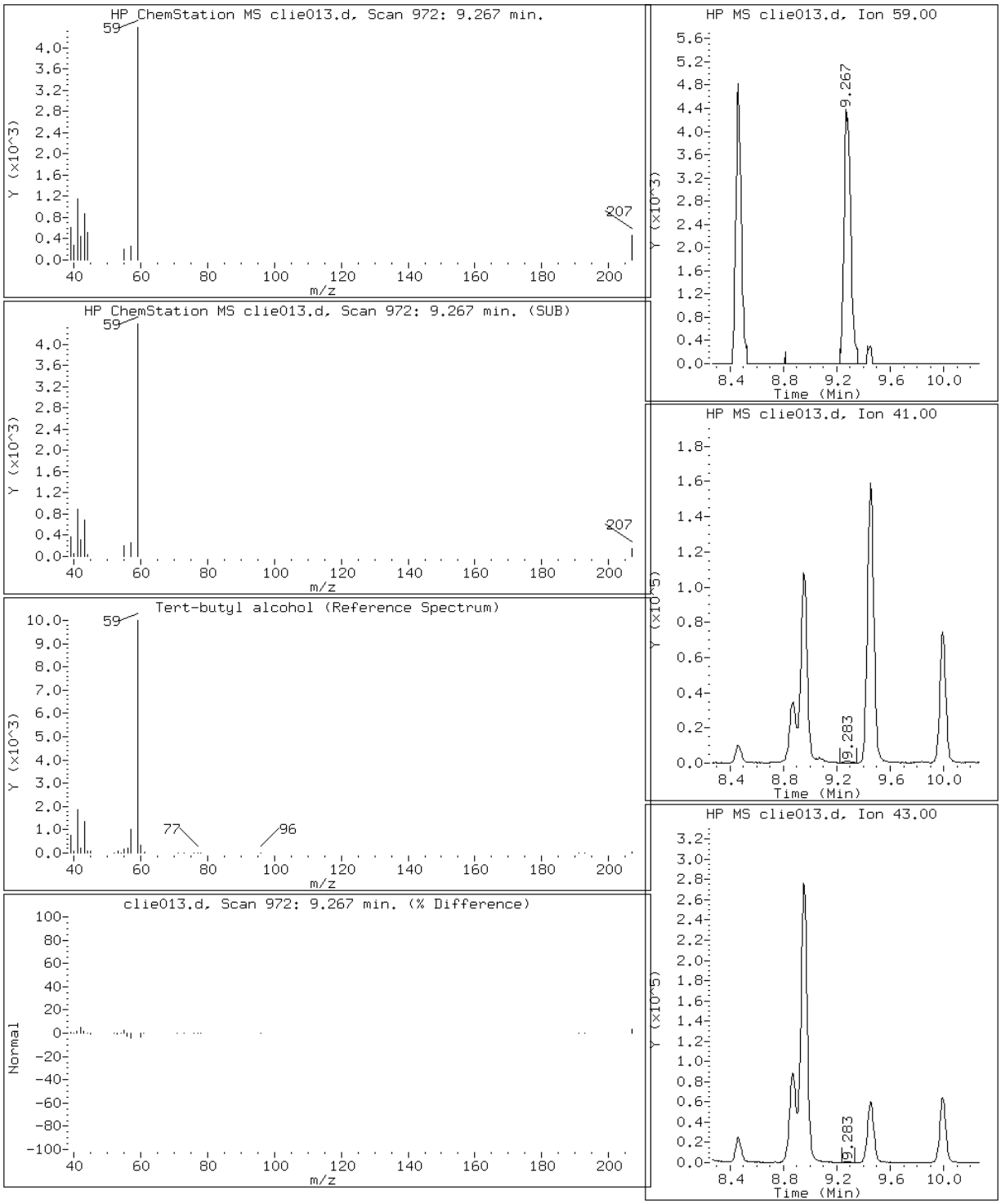
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

26 Tert-butyl alcohol



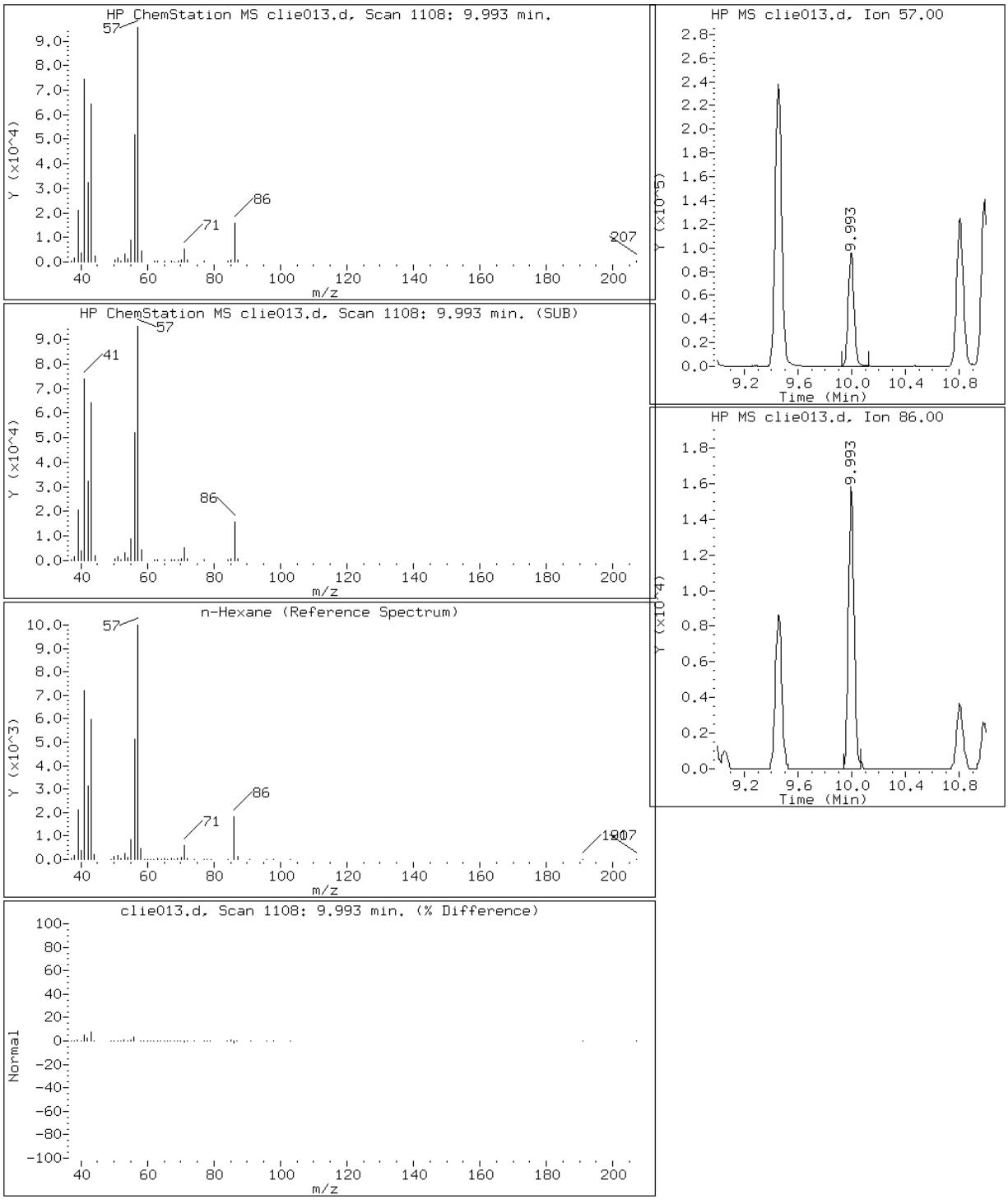
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

30 n-Hexane



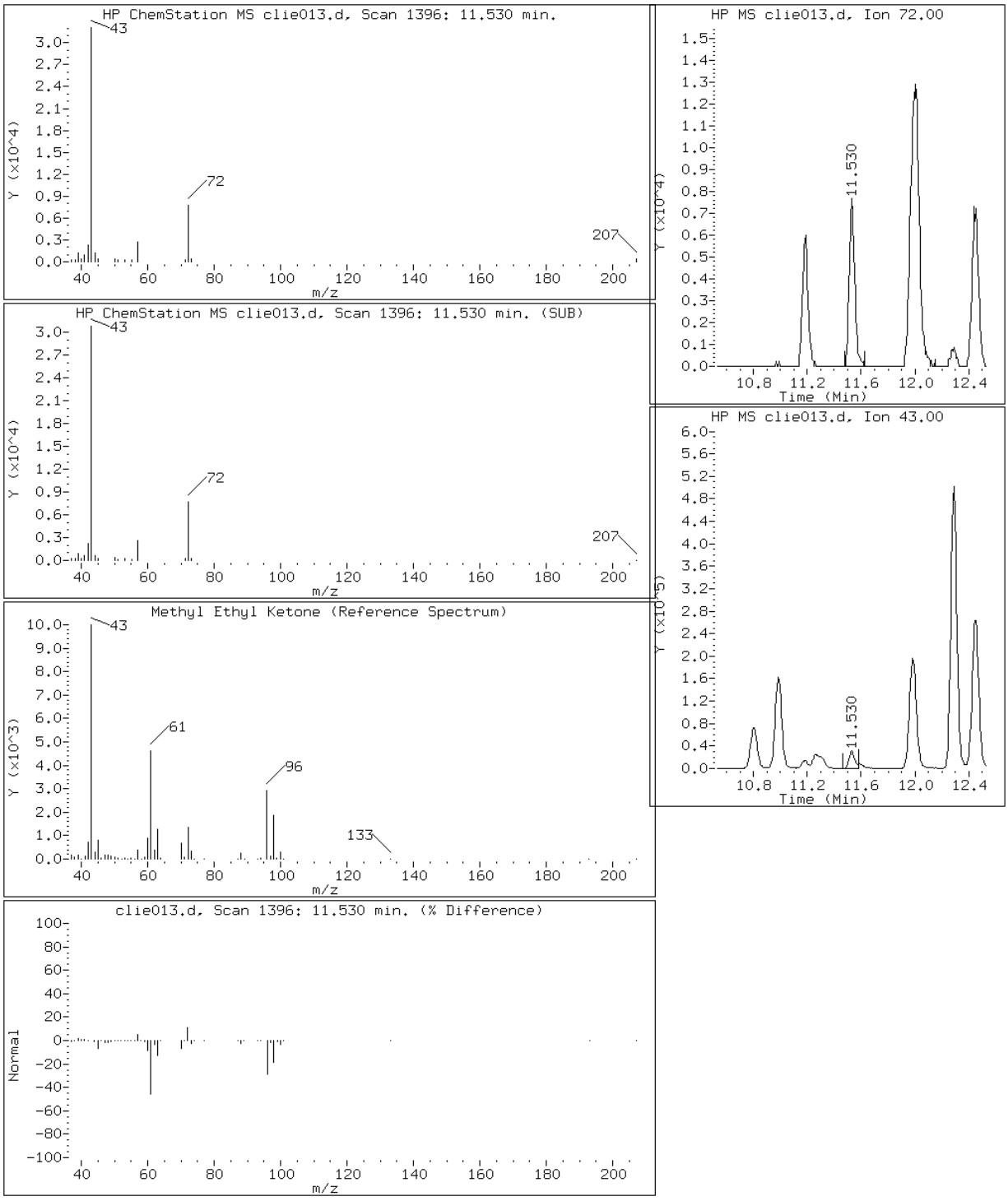
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

36 Methyl Ethyl Ketone



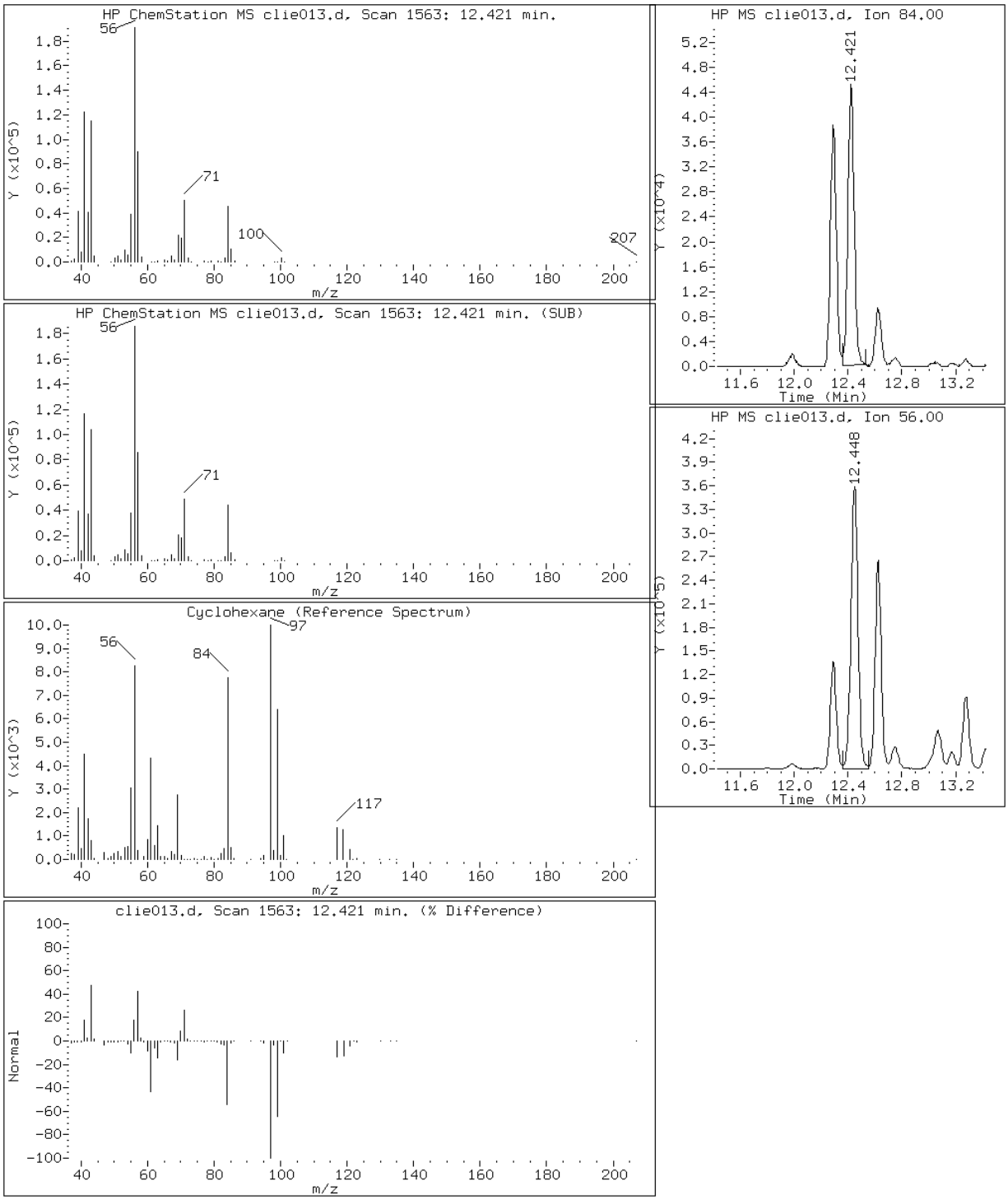
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

40 Cyclohexane



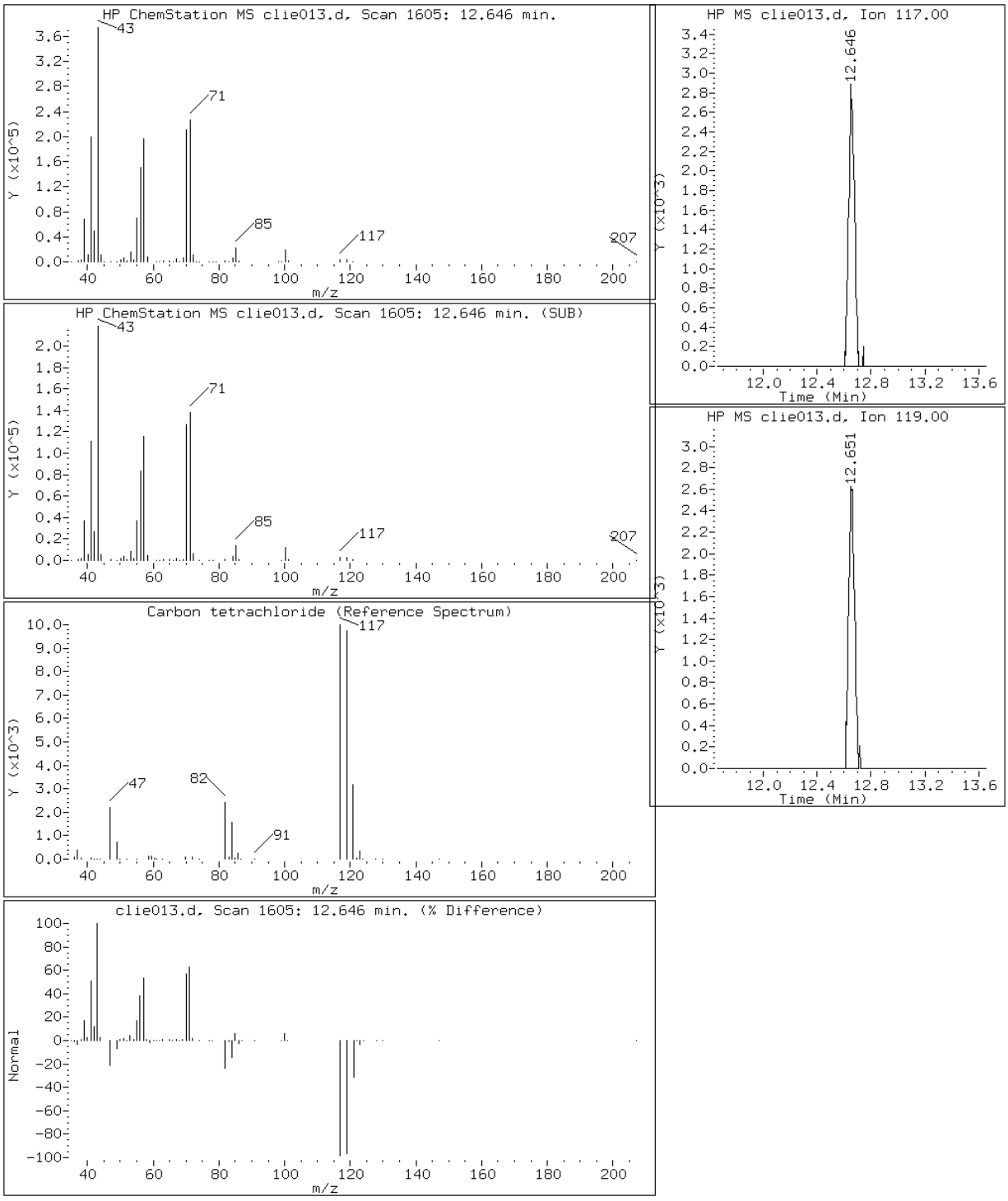
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

42 Carbon tetrachloride



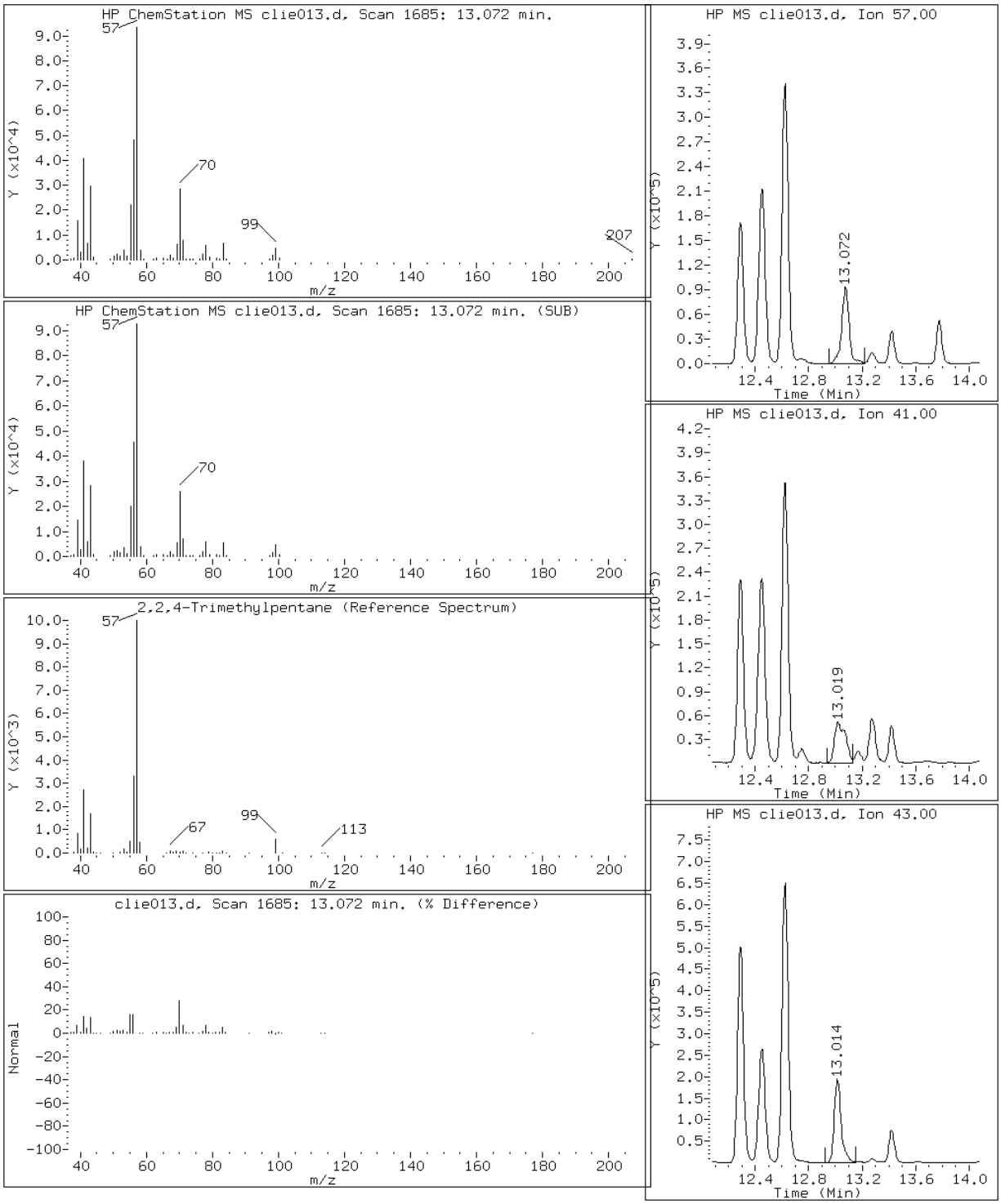
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

43 2,2,4-Trimethylpentane



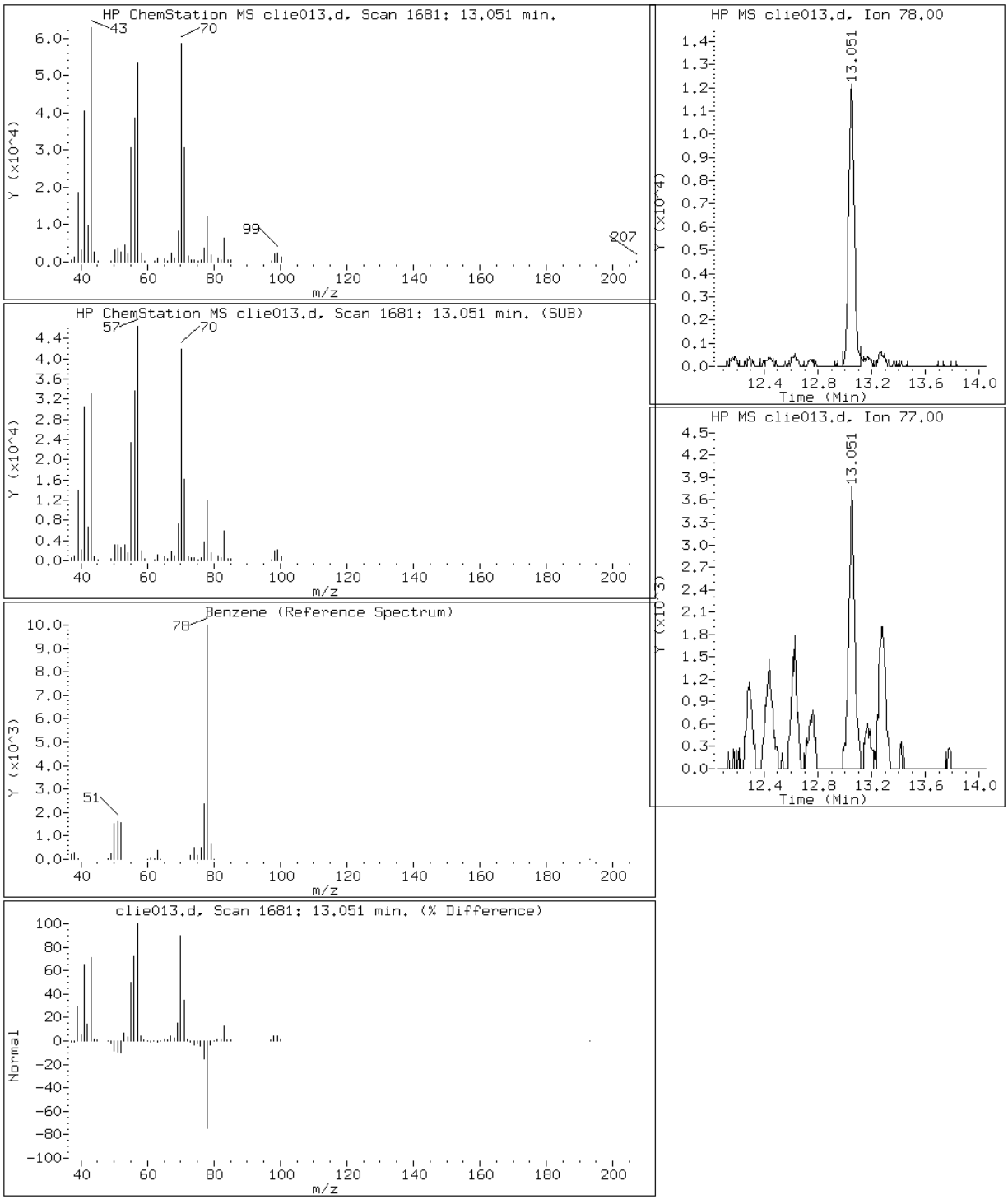
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

44 Benzene



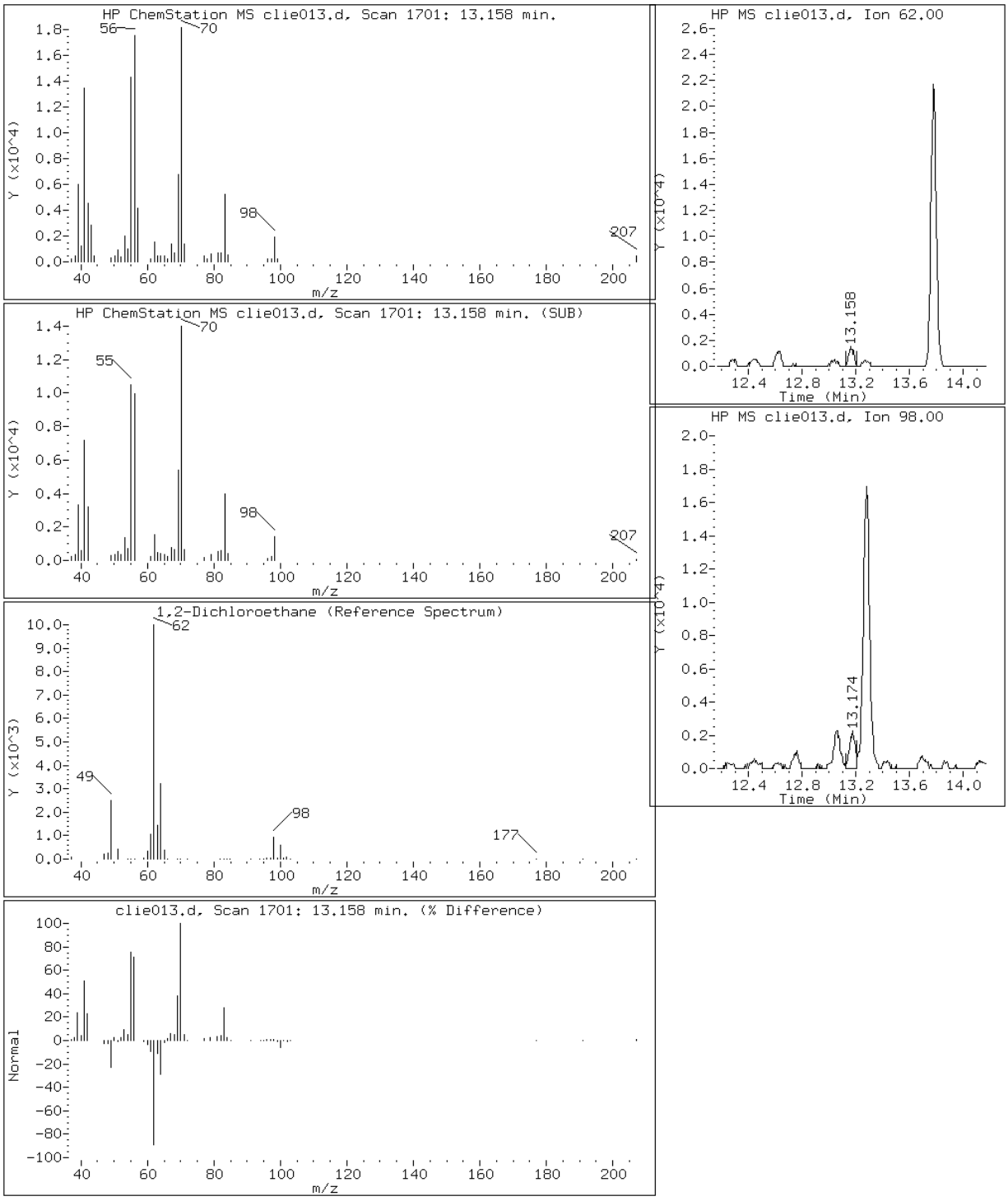
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

45 1,2-Dichloroethane



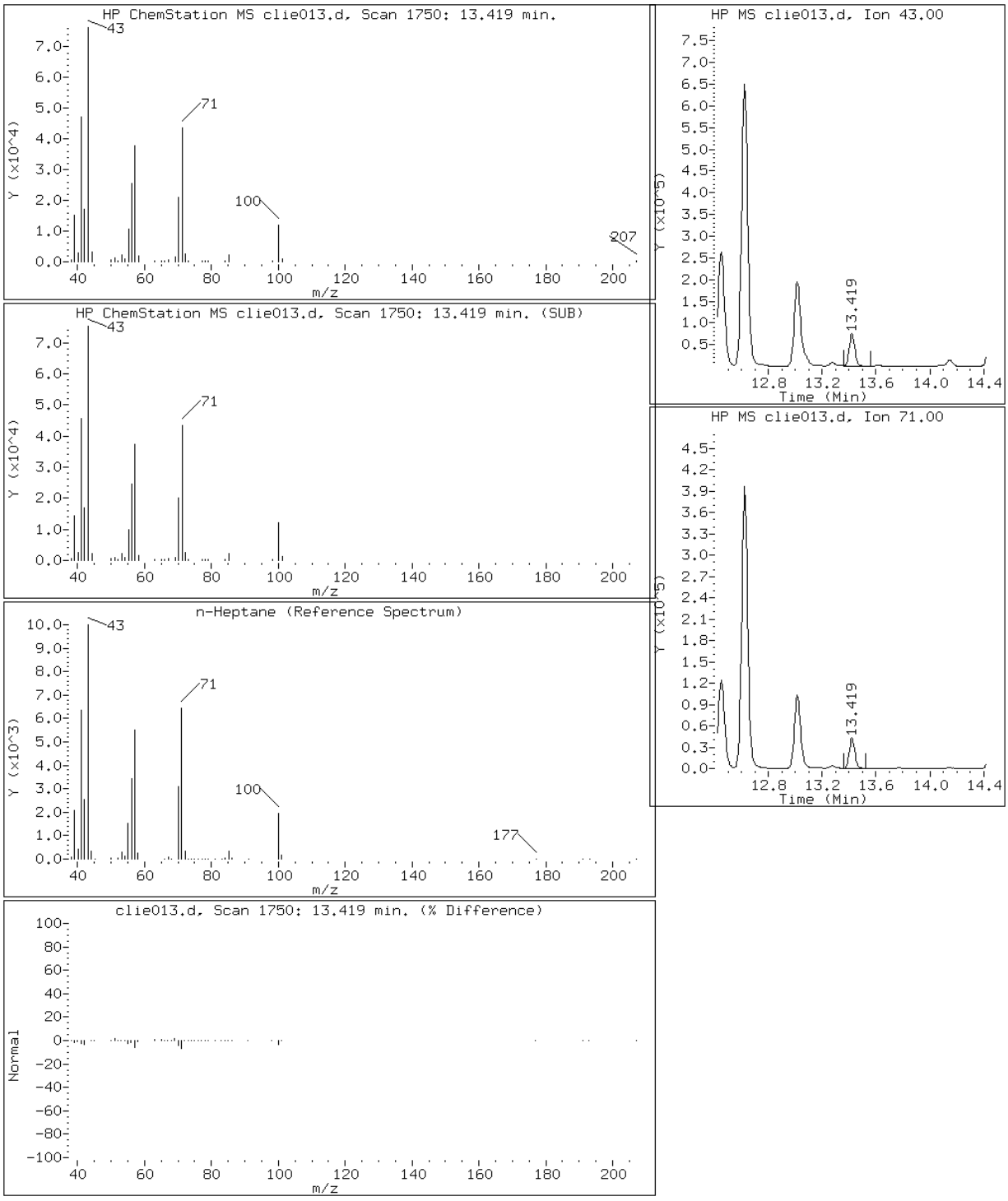
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

46 n-Heptane



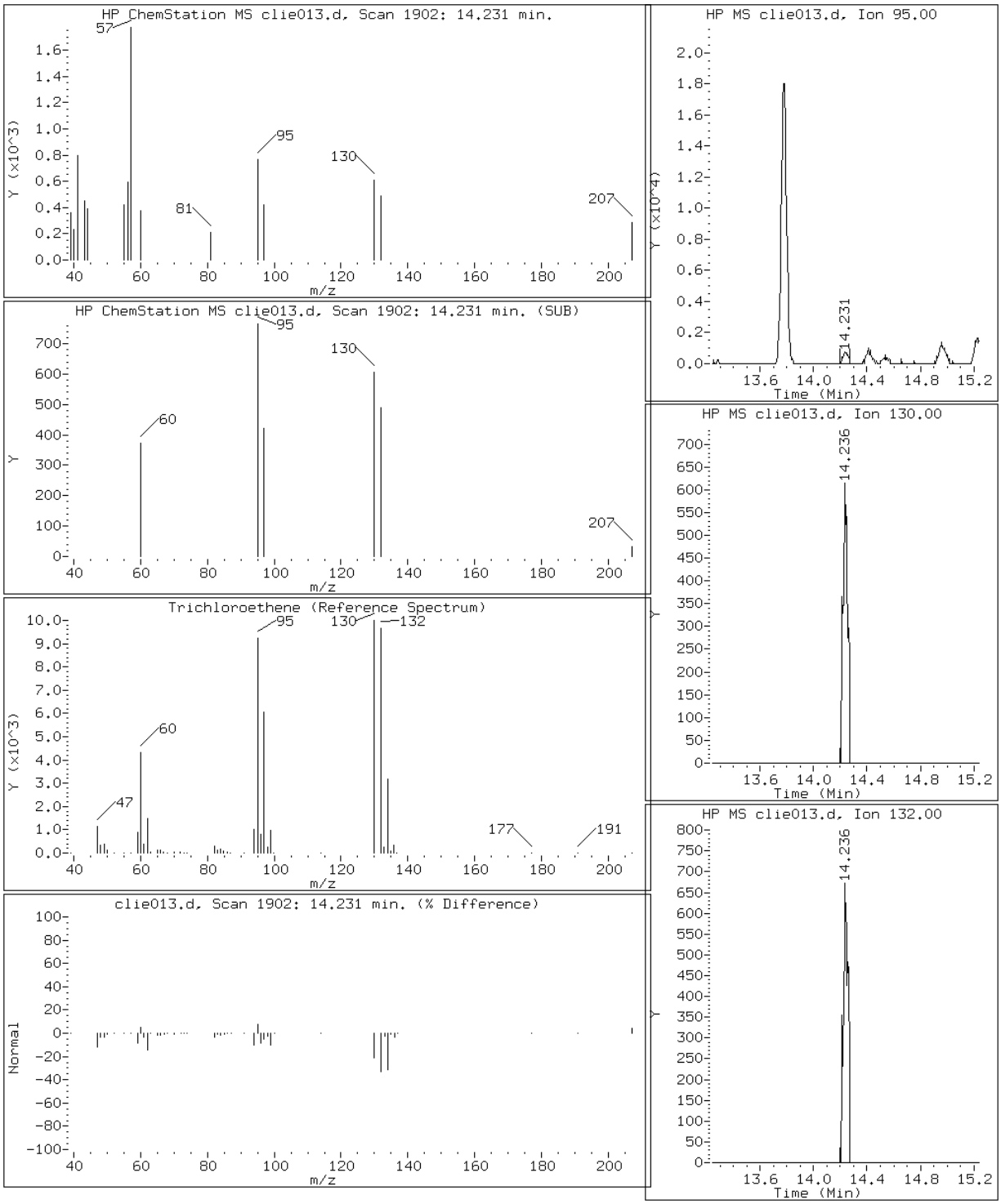
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

49 Trichloroethene



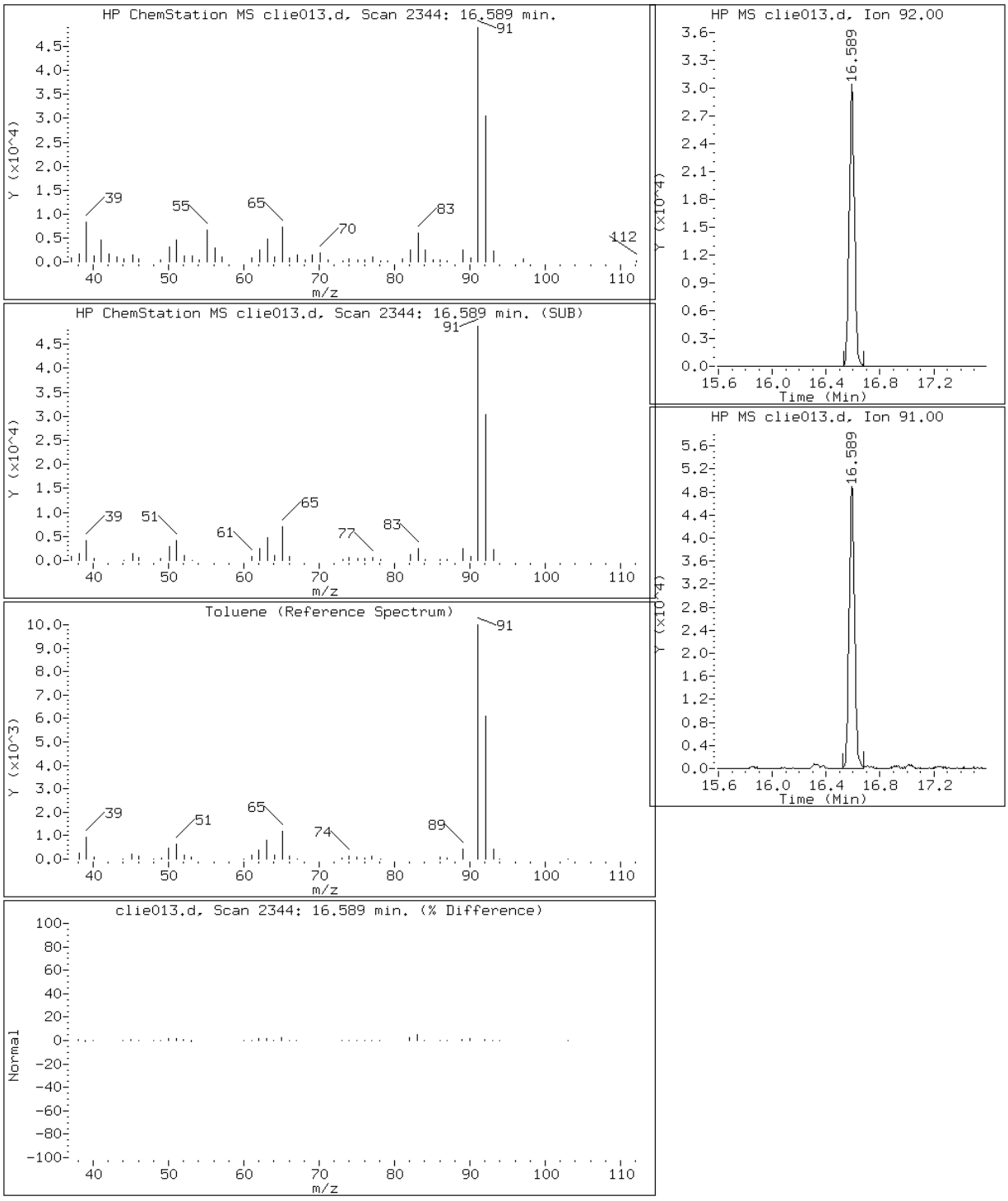
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

58 Toluene



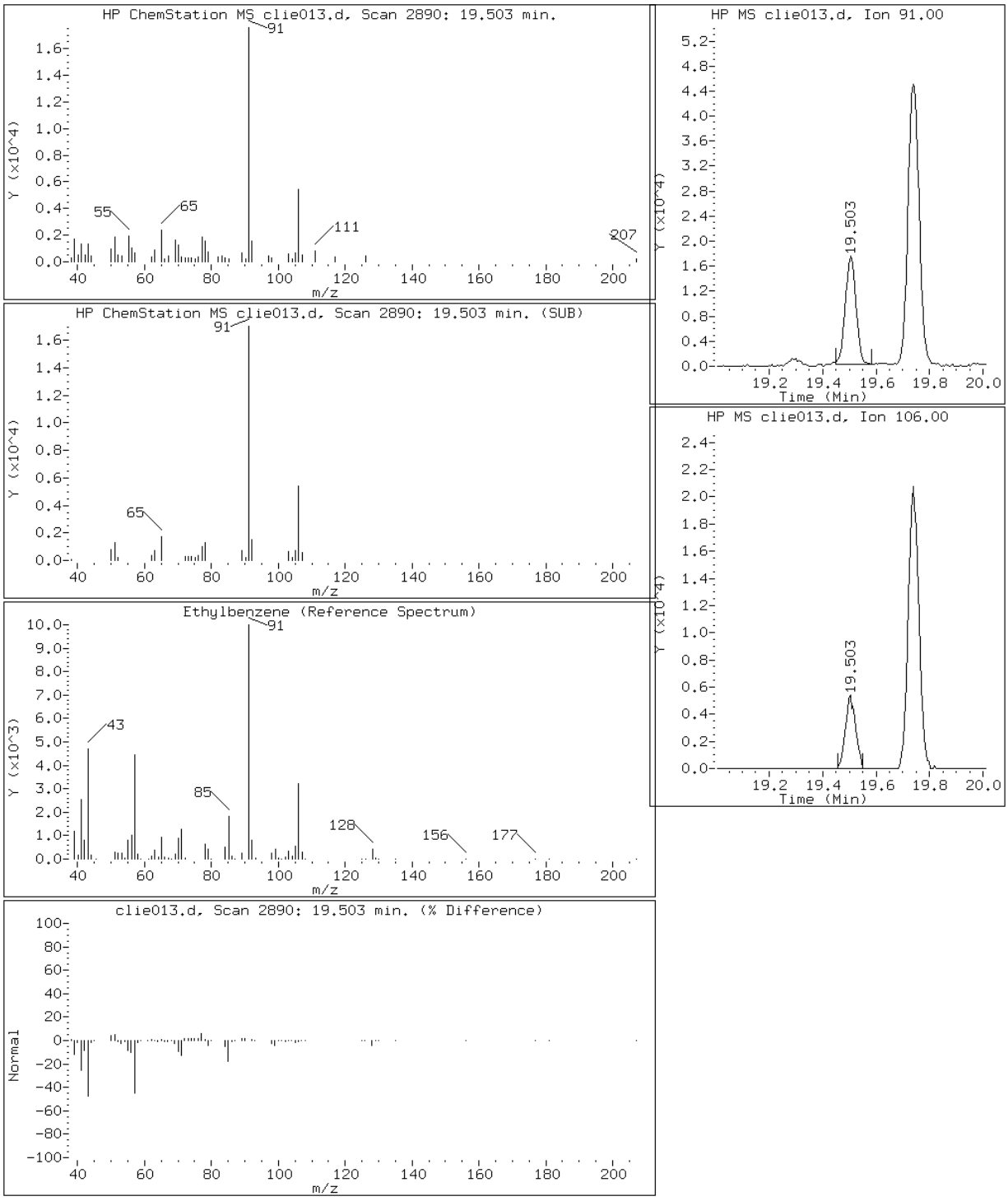
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

68 Ethylbenzene



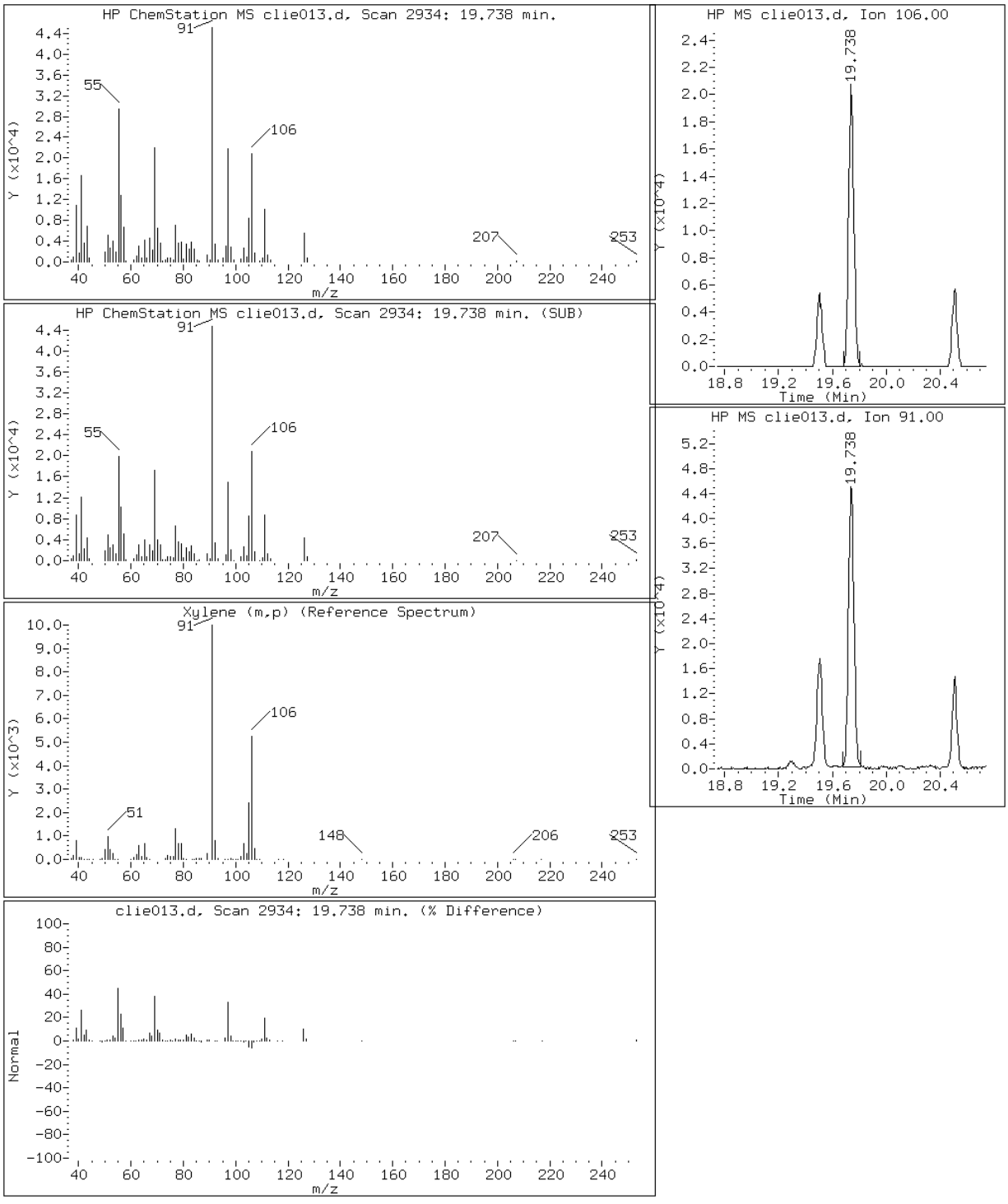
Data File: clie013.d

Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

69 Xylene (m,p)



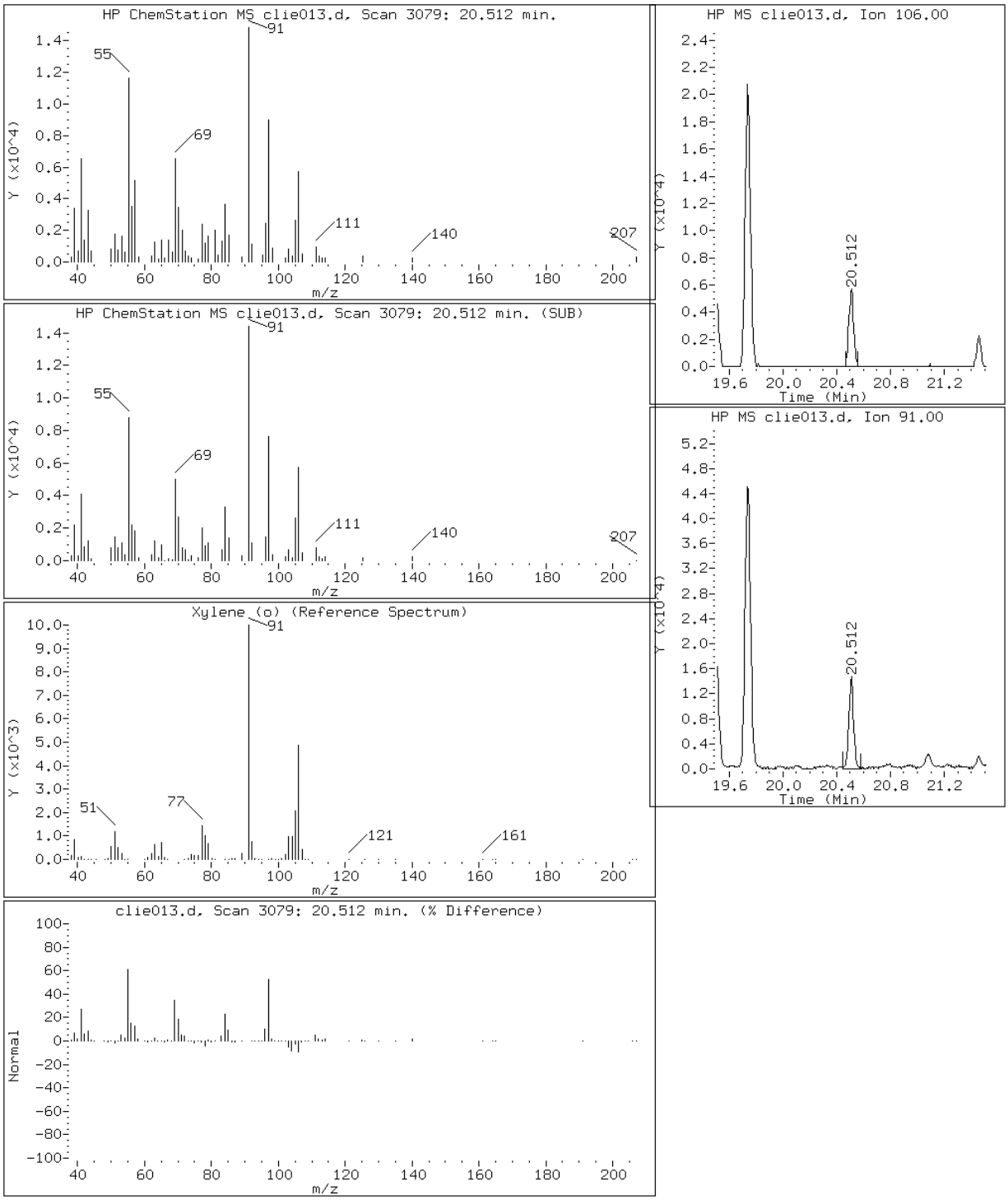
Data File: clie013.d

Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

71 Xylene (o)



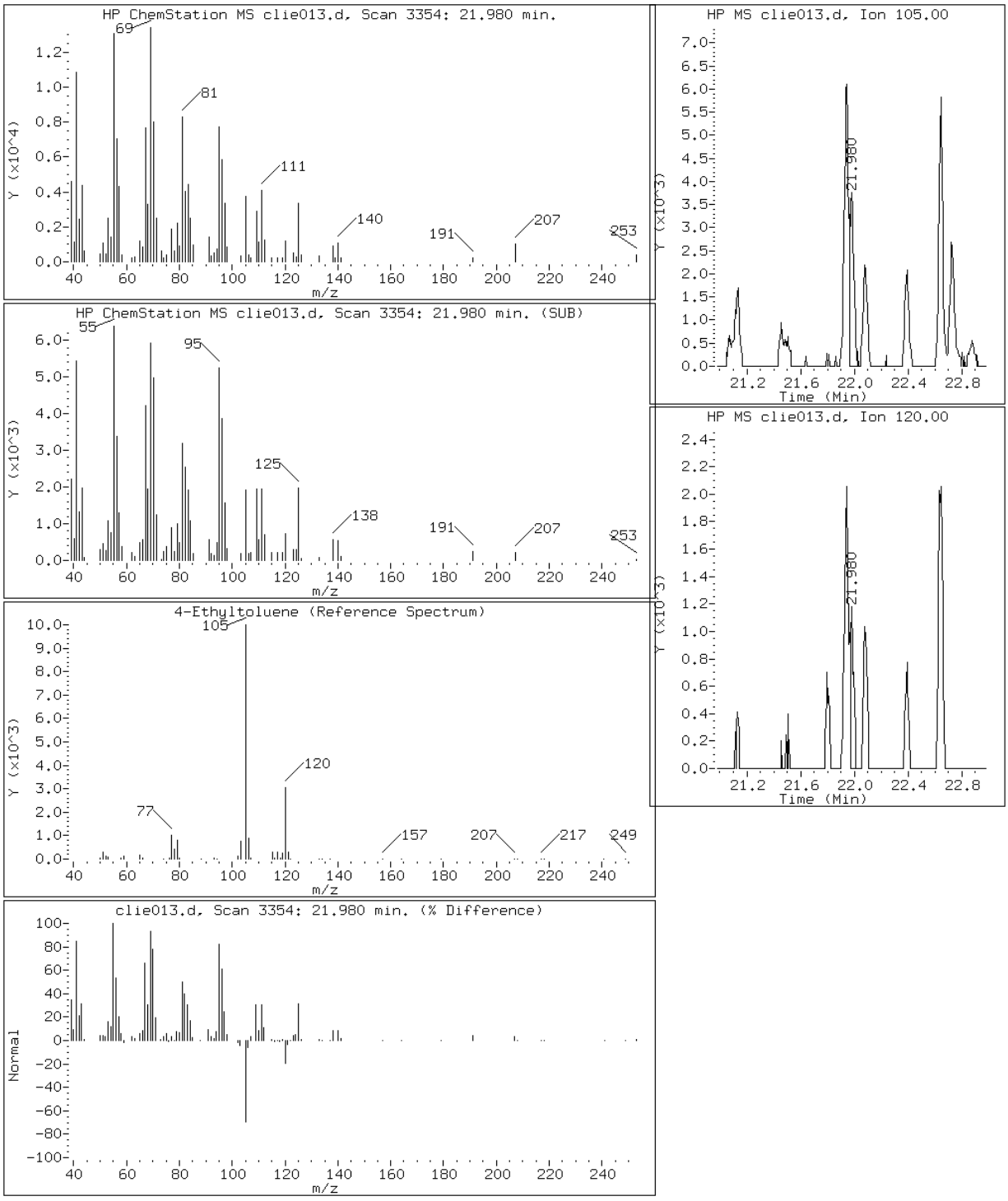
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Lab Sample ID: 280-39218-2 Date: 14-MAR-2013 21:43

Client ID: 774VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-2 Operator: wrd

79 4-Ethyltoluene



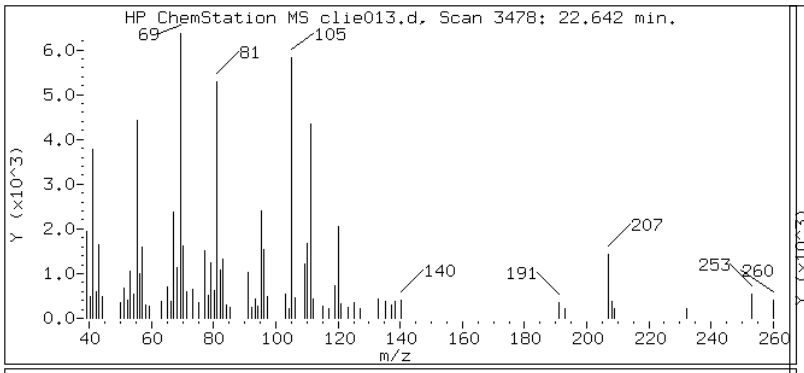
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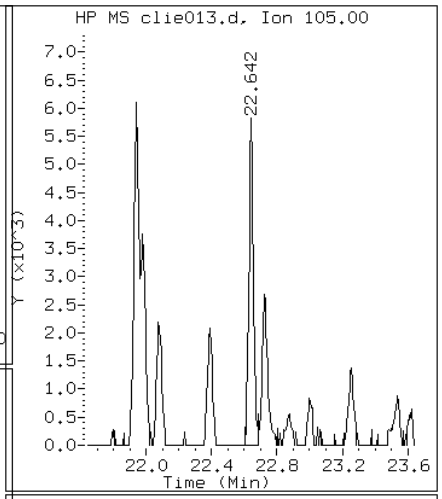
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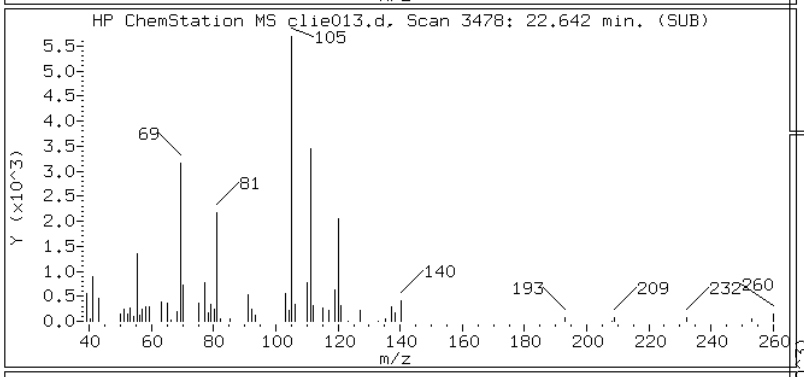
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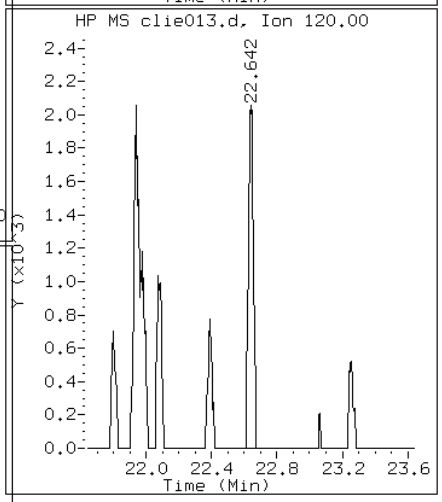
Sample Info: 280-39218-A-2 Operator: wrd

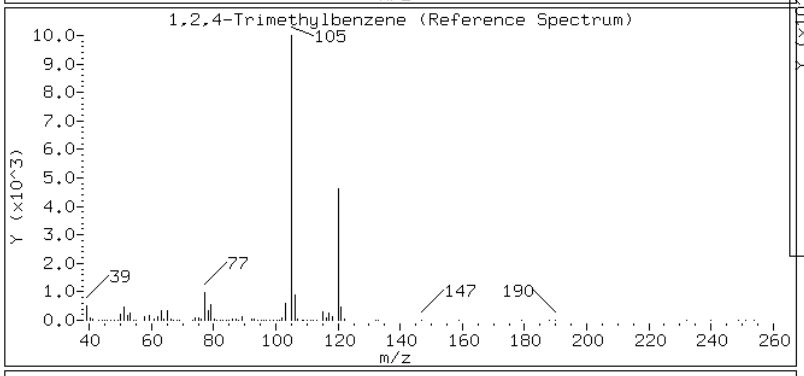
84 1,2,4-Trimethylbenzene

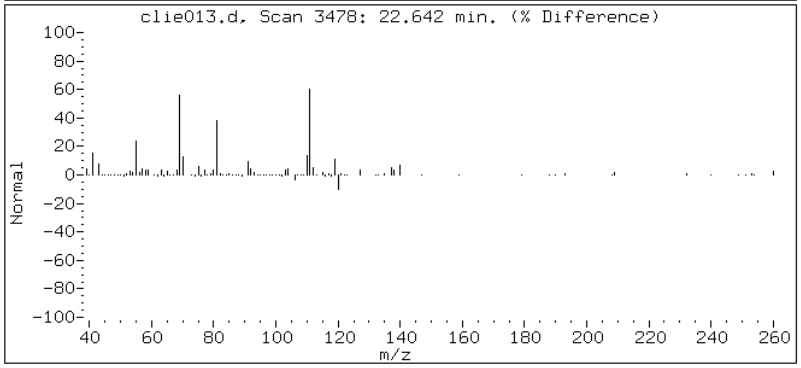












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0301HA Lab Sample ID: 280-39218-3

Matrix: Air Lab File ID: clie026.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:35

Sample wt/vol: 40(mL) Date Analyzed: 03/15/2013 10:00

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.71	J D	2.5	0.10
75-45-6	Freon 22	86.47	3.2	D Q	2.5	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	1.0	0.10
74-87-3	Chloromethane	50.49	0.63	J D	2.5	0.17
106-97-8	n-Butane	58.12	1.3	J D	2.5	0.11
75-01-4	Vinyl chloride	62.50	0.14	U	1.0	0.046
106-99-0	1,3-Butadiene	54.09	0.40	U	1.0	0.13
74-83-9	Bromomethane	94.94	0.40	U	1.0	0.14
75-00-3	Chloroethane	64.52	0.40	U	2.5	0.17
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	1.0	0.095
75-69-4	Trichlorofluoromethane	137.37	0.96	J D	1.0	0.11
76-13-1	Freon TF	187.38	0.40	U	1.0	0.10
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.43
67-64-1	Acetone	58.08	39	D	25	2.0
67-63-0	Isopropyl alcohol	60.10	26	D	25	0.38
75-15-0	Carbon disulfide	76.14	2.9	D	2.5	0.10
107-05-1	3-Chloropropene	76.53	0.40	U	2.5	0.24
75-09-2	Methylene Chloride	84.93	0.68	J D	2.5	0.12
75-65-0	tert-Butyl alcohol	74.12	0.40	U	25	0.21
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	1.0	0.075
156-60-5	trans-1,2-Dichloroethene	96.94	0.40	U	1.0	0.12
110-54-3	n-Hexane	86.17	5.8	D	1.0	0.10
75-34-3	1,1-Dichloroethane	98.96	0.40	U	1.0	0.12
78-93-3	Methyl Ethyl Ketone	72.11	4.5	D	2.5	0.13
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	1.0	0.12
67-66-3	Chloroform	119.38	0.40	U	1.0	0.12
109-99-9	Tetrahydrofuran	72.11	0.40	U	25	0.15
71-55-6	1,1,1-Trichloroethane	133.41	0.40	U	1.0	0.10
110-82-7	Cyclohexane	84.16	3.5	D	1.0	0.095
56-23-5	Carbon tetrachloride	153.81	0.20	U	1.0	0.065
540-84-1	2,2,4-Trimethylpentane	114.23	2.8	D	1.0	0.075
71-43-2	Benzene	78.11	0.92	J D	1.0	0.090
107-06-2	1,2-Dichloroethane	98.96	0.20	U	1.0	0.090

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0301HA Lab Sample ID: 280-39218-3

Matrix: Air Lab File ID: clie026.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:35

Sample wt/vol: 40(mL) Date Analyzed: 03/15/2013 10:00

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.2	D	1.0	0.085
79-01-6	Trichloroethene	131.39	0.25	J D	1.0	0.046
80-62-6	Methyl methacrylate	100.12	0.20	U	2.5	0.080
78-87-5	1,2-Dichloropropane	112.99	0.40	U	1.0	0.12
123-91-1	1,4-Dioxane	88.11	1.0	U	25	0.35
75-27-4	Bromodichloromethane	163.83	0.20	U	1.0	0.060
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	1.0	0.065
108-10-1	methyl isobutyl ketone	100.16	0.26	J D	2.5	0.17
108-88-3	Toluene	92.14	3.1	D	1.0	0.070
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	1.0	0.075
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	1.0	0.080
127-18-4	Tetrachloroethene	165.83	0.20	U	1.0	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.40	U	2.5	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	1.0	0.055
106-93-4	1,2-Dibromoethane	187.87	0.20	U	1.0	0.070
108-90-7	Chlorobenzene	112.30	0.20	U	1.0	0.065
100-41-4	Ethylbenzene	106.17	0.93	J D	1.0	0.075
179601-23-1	m,p-Xylene	106.17	3.4	D	2.5	0.11
95-47-6	Xylene, o-	106.17	0.85	J D	1.0	0.080
1330-20-7	Xylene (total)	106.17	4.2	D	1.0	0.080
100-42-5	Styrene	104.15	0.20	U	1.0	0.055
75-25-2	Bromoform	252.75	0.14	U	1.0	0.036
98-82-8	Cumene	120.19	0.20	U	1.0	0.055
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	1.0	0.055
103-65-1	n-Propylbenzene	120.19	0.20	U	1.0	0.065
622-96-8	4-Ethyltoluene	120.20	0.20	U	1.0	0.075
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	1.0	0.095
95-49-8	2-Chlorotoluene	126.59	0.20	U	1.0	0.065
98-06-6	tert-Butylbenzene	134.22	0.20	U	1.0	0.055
95-63-6	1,2,4-Trimethylbenzene	120.20	0.29	J D	1.0	0.11
135-98-8	sec-Butylbenzene	134.22	0.20	U	1.0	0.075
99-87-6	4-Isopropyltoluene	134.22	0.33	J D	1.0	0.10
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	1.0	0.095
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	1.0	0.090

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0301HA Lab Sample ID: 280-39218-3

Matrix: Air Lab File ID: clie026.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:35

Sample wt/vol: 40(mL) Date Analyzed: 03/15/2013 10:00

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.40	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.40	U	1.0	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.40	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	181.45	0.40	U	2.5	0.15
87-68-3	Hexachlorobutadiene	260.76	0.40	U	1.0	0.15
91-20-3	Naphthalene	128.17	0.40	U	2.5	0.19

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0301HA Lab Sample ID: 280-39218-3

Matrix: Air Lab File ID: clie026.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:35

Sample wt/vol: 40(mL) Date Analyzed: 03/15/2013 10:00

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.5	J D	12	0.49
75-45-6	Freon 22	86.47	11	D Q	8.8	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	7.0	0.70
74-87-3	Chloromethane	50.49	1.3	J D	5.2	0.35
106-97-8	n-Butane	58.12	3.2	J D	5.9	0.26
75-01-4	Vinyl chloride	62.50	0.36	U	2.6	0.12
106-99-0	1,3-Butadiene	54.09	0.88	U	2.2	0.28
74-83-9	Bromomethane	94.94	1.6	U	3.9	0.52
75-00-3	Chloroethane	64.52	1.1	U	6.6	0.44
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	4.4	0.42
75-69-4	Trichlorofluoromethane	137.37	5.4	J D	5.6	0.59
76-13-1	Freon TF	187.38	3.1	U	7.7	0.77
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	1.7
67-64-1	Acetone	58.08	94	D	59	4.8
67-63-0	Isopropyl alcohol	60.10	65	D	61	0.93
75-15-0	Carbon disulfide	76.14	9.0	D	7.8	0.31
107-05-1	3-Chloropropene	76.53	1.3	U	7.8	0.74
75-09-2	Methylene Chloride	84.93	2.3	J D	8.7	0.40
75-65-0	tert-Butyl alcohol	74.12	1.2	U	76	0.62
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	3.6	0.27
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	4.0	0.46
110-54-3	n-Hexane	86.17	20	D	3.5	0.35
75-34-3	1,1-Dichloroethane	98.96	1.6	U	4.0	0.47
78-93-3	Methyl Ethyl Ketone	72.11	13	D	7.4	0.37
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	1.7
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	4.0	0.46
67-66-3	Chloroform	119.38	2.0	U	4.9	0.59
109-99-9	Tetrahydrofuran	72.11	1.2	U	74	0.43
71-55-6	1,1,1-Trichloroethane	133.41	2.2	U	5.5	0.55
110-82-7	Cyclohexane	84.16	12	D	3.4	0.33
56-23-5	Carbon tetrachloride	153.81	1.3	U	6.3	0.41
540-84-1	2,2,4-Trimethylpentane	114.23	13	D	4.7	0.35
71-43-2	Benzene	78.11	2.9	J D	3.2	0.29
107-06-2	1,2-Dichloroethane	98.96	0.81	U	4.0	0.36

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0301HA Lab Sample ID: 280-39218-3

Matrix: Air Lab File ID: clie026.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:35

Sample wt/vol: 40(mL) Date Analyzed: 03/15/2013 10:00

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	17	D	4.1	0.35
79-01-6	Trichloroethene	131.39	1.3	J D	5.4	0.25
80-62-6	Methyl methacrylate	100.12	0.82	U	10	0.33
78-87-5	1,2-Dichloropropane	112.99	1.8	U	4.6	0.53
123-91-1	1,4-Dioxane	88.11	3.6	U	90	1.3
75-27-4	Bromodichloromethane	163.83	1.3	U	6.7	0.40
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	4.5	0.30
108-10-1	methyl isobutyl ketone	100.16	1.1	J D	10	0.70
108-88-3	Toluene	92.14	12	D	3.8	0.26
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	4.5	0.34
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	5.5	0.44
127-18-4	Tetrachloroethene	165.83	1.4	U	6.8	0.51
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.6	U	10	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	8.5	0.47
106-93-4	1,2-Dibromoethane	187.87	1.5	U	7.7	0.54
108-90-7	Chlorobenzene	112.30	0.92	U	4.6	0.30
100-41-4	Ethylbenzene	106.17	4.0	J D	4.3	0.33
179601-23-1	m,p-Xylene	106.17	15	D	11	0.48
95-47-6	Xylene, o-	106.17	3.7	J D	4.3	0.35
1330-20-7	Xylene (total)	106.17	18	D	4.3	0.35
100-42-5	Styrene	104.15	0.85	U	4.3	0.23
75-25-2	Bromoform	252.75	1.4	U	10	0.37
98-82-8	Cumene	120.19	0.98	U	4.9	0.27
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	6.9	0.38
103-65-1	n-Propylbenzene	120.19	0.98	U	4.9	0.32
622-96-8	4-Ethyltoluene	120.20	0.98	U	4.9	0.37
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	4.9	0.47
95-49-8	2-Chlorotoluene	126.59	1.0	U	5.2	0.34
98-06-6	tert-Butylbenzene	134.22	1.1	U	5.5	0.30
95-63-6	1,2,4-Trimethylbenzene	120.20	1.4	J D	4.9	0.52
135-98-8	sec-Butylbenzene	134.22	1.1	U	5.5	0.41
99-87-6	4-Isopropyltoluene	134.22	1.8	J D	5.5	0.55
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	6.0	0.57
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	6.0	0.54

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774VMP0301HA Lab Sample ID: 280-39218-3

Matrix: Air Lab File ID: clie026.d

Analysis Method: TO-15 Date Collected: 02/21/2013 10:35

Sample wt/vol: 40(mL) Date Analyzed: 03/15/2013 10:00

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	2.1	U	5.2	0.57
104-51-8	n-Butylbenzene	134.22	2.2	U	5.5	0.60
95-50-1	1,2-Dichlorobenzene	147.00	2.4	U	6.0	0.78
120-82-1	1,2,4-Trichlorobenzene	181.45	3.0	U	19	1.1
87-68-3	Hexachlorobutadiene	260.76	4.3	U	11	1.5
91-20-3	Naphthalene	128.17	2.1	U	13	1.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-3
Client Smp ID: 774VMP0301HA
Inj Date : 15-MAR-2013 10:00
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-3
Misc Info : 40,5,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 12
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	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)
2 Dichlorodifluoromethane	85	4.283	4.288	(0.358)	13070	0.14284	0.71(a)
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	31272	0.63351	3.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.779	4.779	(0.400)	3486	0.12648	0.63(a)
6 Butane	43	5.035	5.046	(0.421)	12249	0.26835	1.3(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	17336	0.19246	0.96(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.152	8.157	(0.682)	287628	7.89728	39

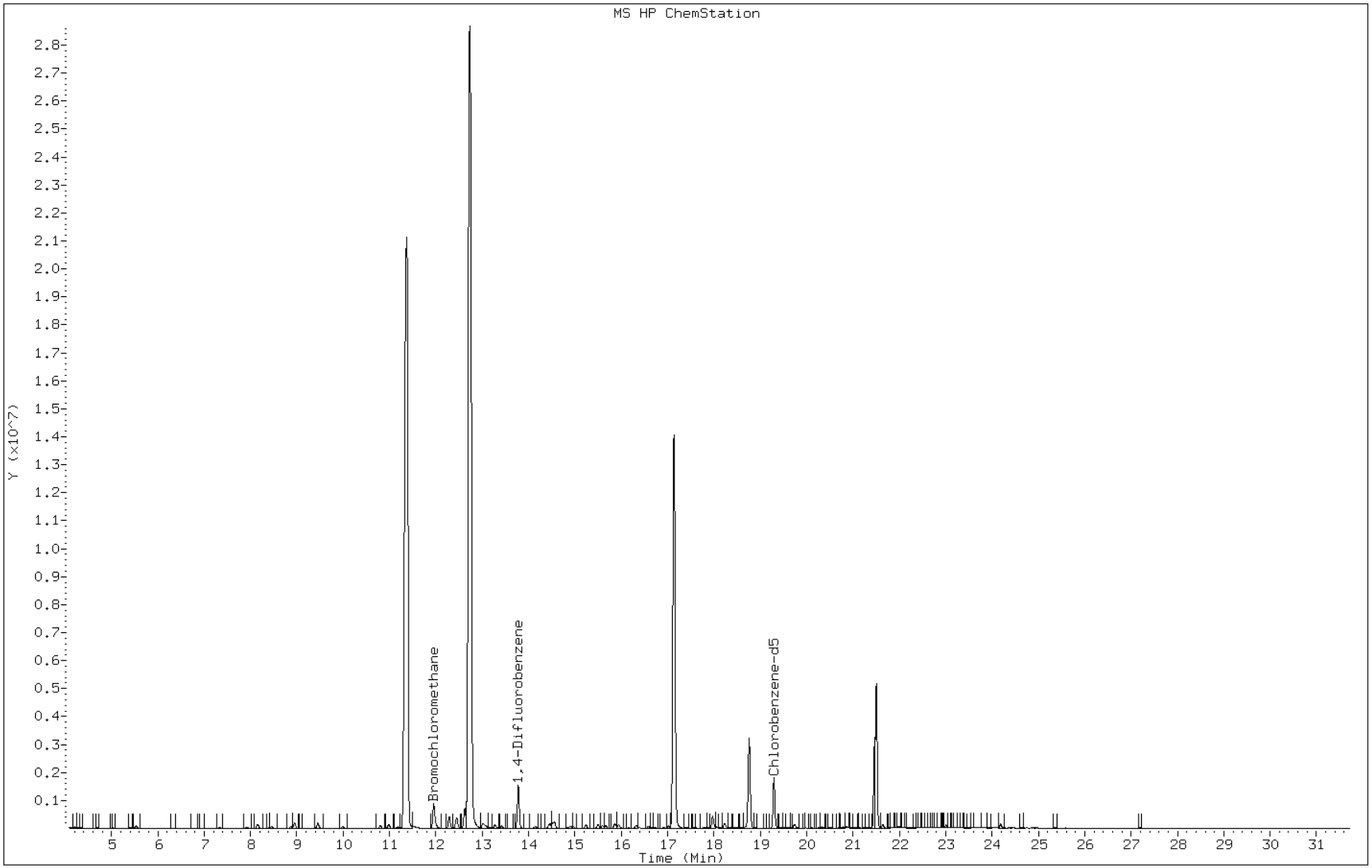
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
21	Carbon disulfide	76	8.408	8.408	(0.703)	49881	0.57673	2.9
22	Isopropanol	45	8.461	8.461	(0.708)	140165	5.26184	26
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	9.064	9.059	(0.758)	4414	0.13528	0.68(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.993	9.998	(0.836)	58774	1.16304	5.8
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	12500	0.90416	4.5(Q)
* 37	Bromochloromethane	128	11.952	11.957	(1.000)	267830	10.0000	(Q)
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	12.421	12.427	(0.902)	34666	0.69472	3.5(Q)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	95760	0.56409	2.8(Q)
44	Benzene	78	13.051	13.051	(0.947)	21479	0.18317	0.92(a)
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	13.425	13.419	(0.974)	52188	0.84466	4.2
* 47	1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1687968	10.0000	
49	Trichloroethene	95	14.247	14.241	(1.034)	2651	0.04935	0.25(a)
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	16.248	16.253	(1.179)	3022	0.05183	0.26(a)
58	Toluene	92	16.589	16.589	(0.860)	48044	0.61659	3.1
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	19.295	19.295	(1.000)	1516437	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	19.503	19.509	(1.011)	30302	0.18536	0.93(a)
69	Xylene (m,p)	106	19.738	19.743	(1.023)	41239	0.67065	3.4
M 70	Xylenes, Total	106				51385	0.84138	4.2
71	Xylene (o)	106	20.507	20.512	(1.063)	10146	0.17073	0.85(a)
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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	8422	0.05703	0.29(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	23.068	23.068	(1.196)	11811	0.06561	0.33(a)
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clie026.d	Date:	15-MAR-2013 10:00
Client ID:	774VMP0301HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-3		
Lab Sample ID:	280-39218-3		



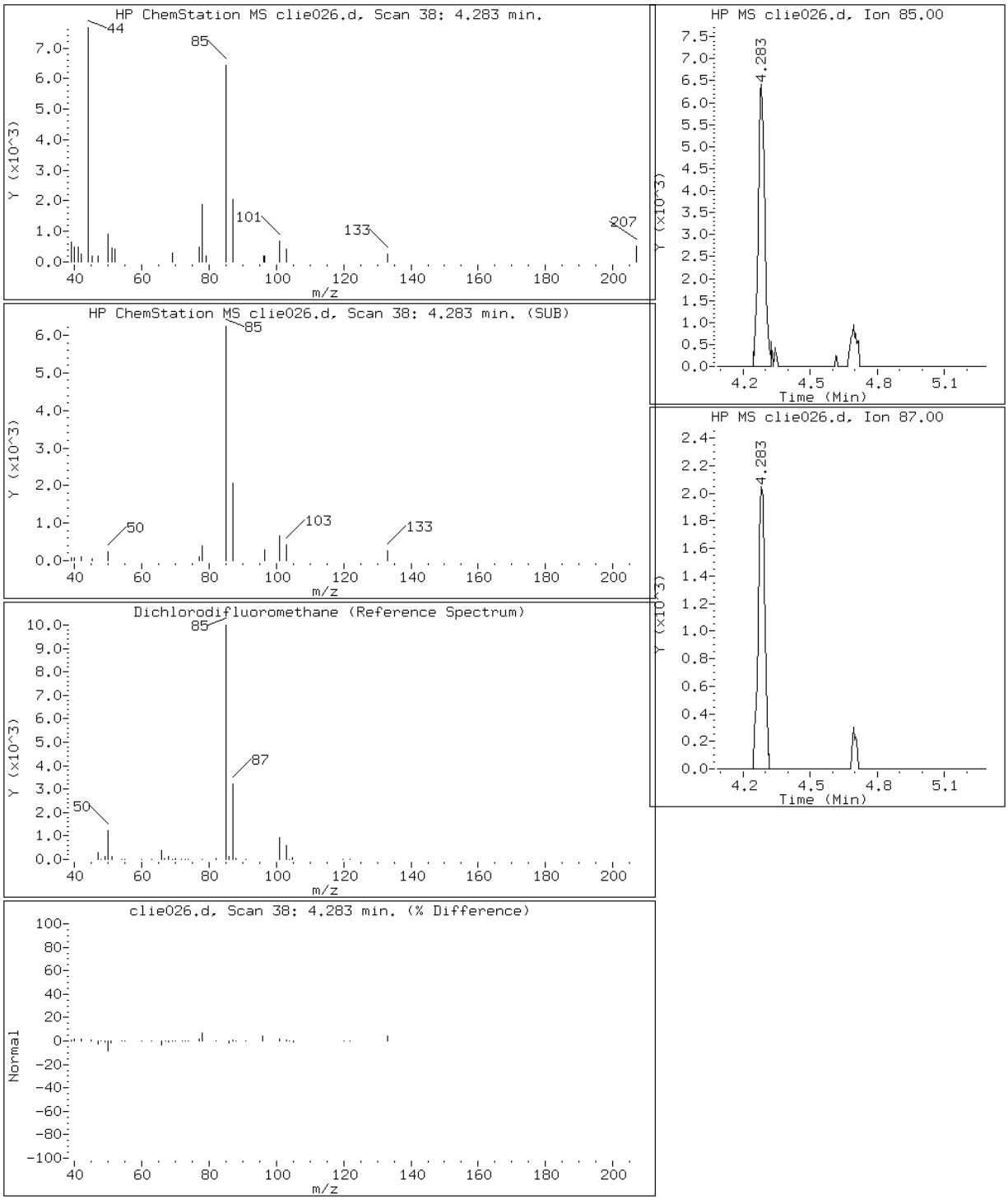
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

2 Dichlorodifluoromethane



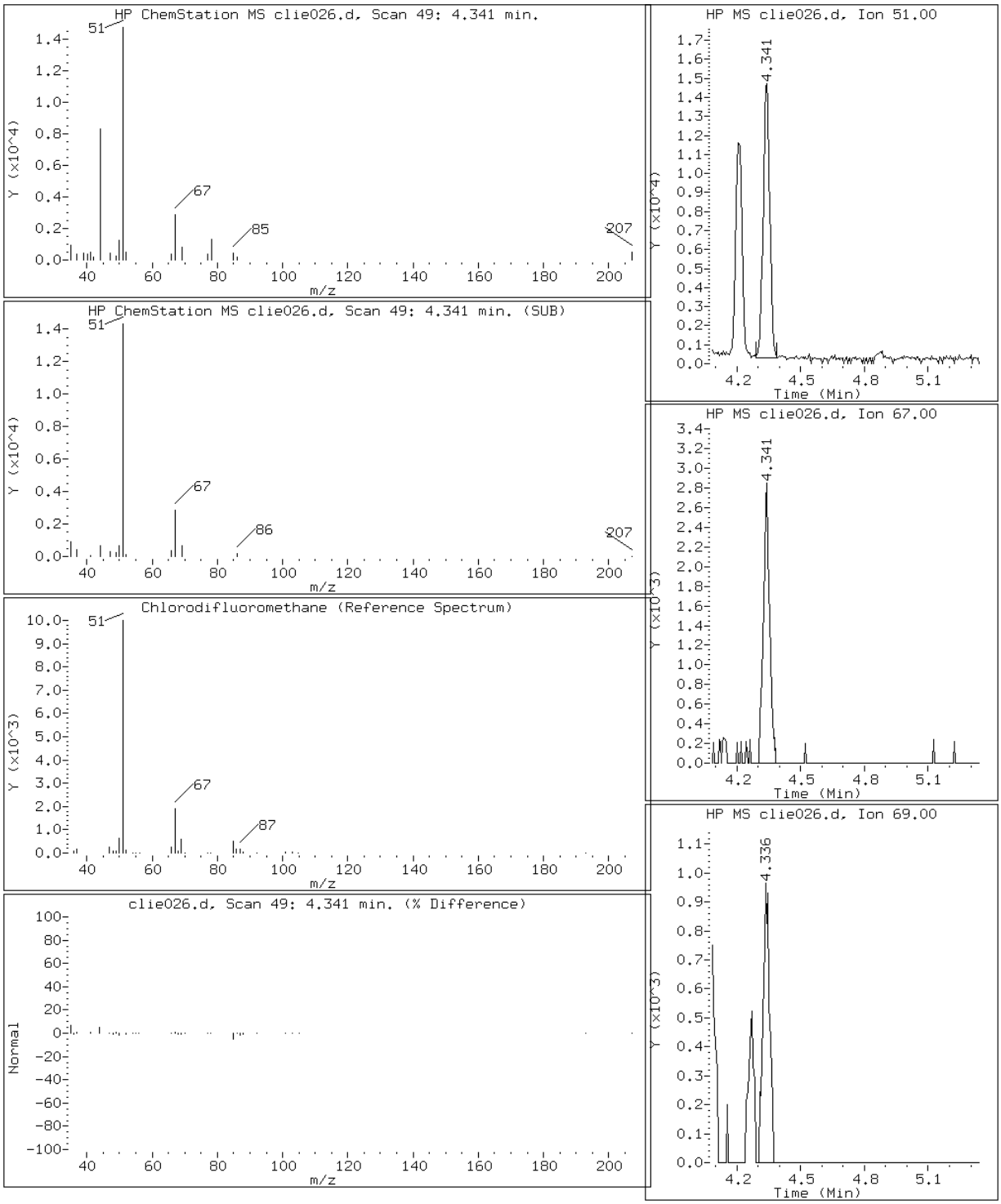
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

3 Chlorodifluoromethane



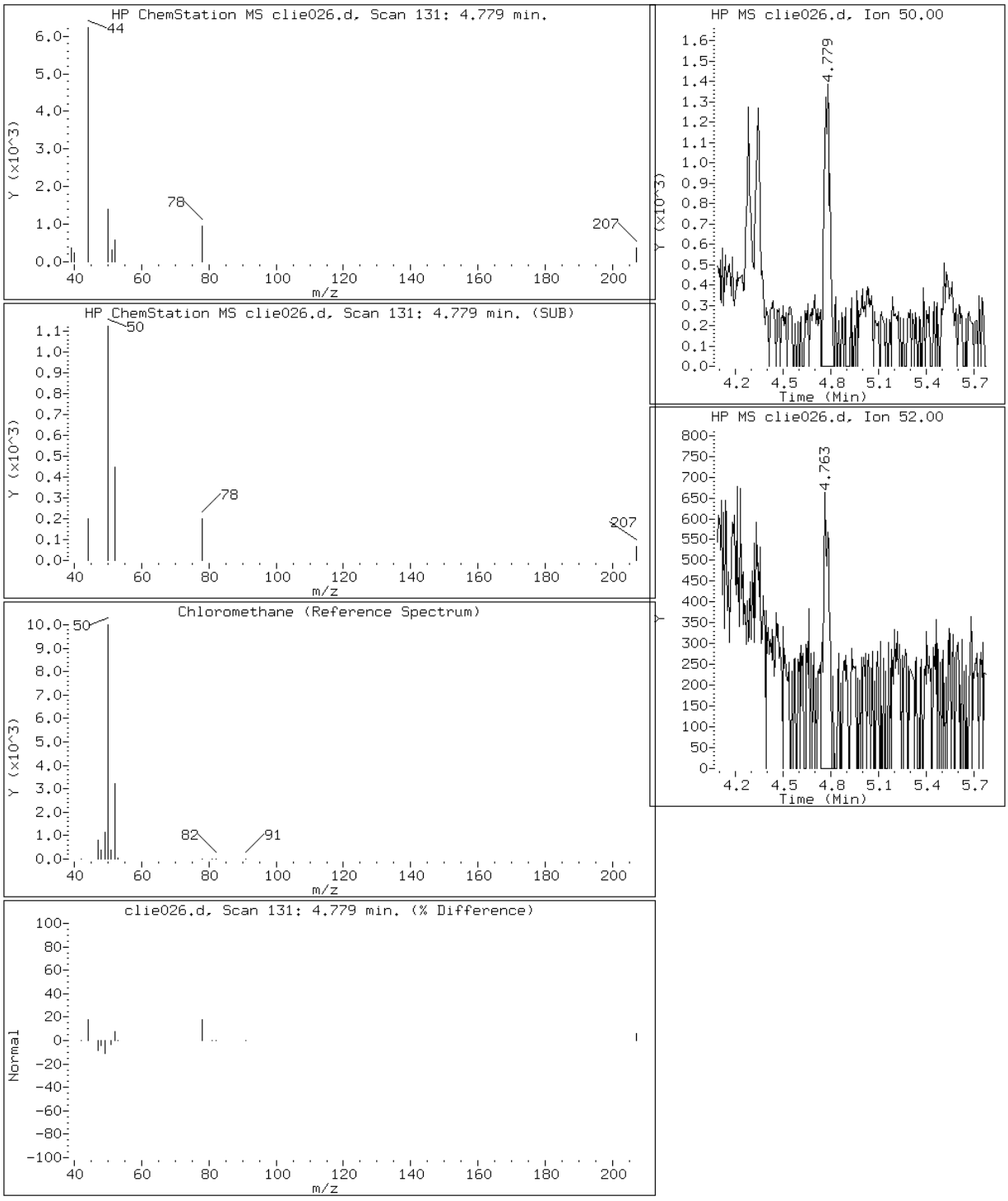
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Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

5 Chloromethane



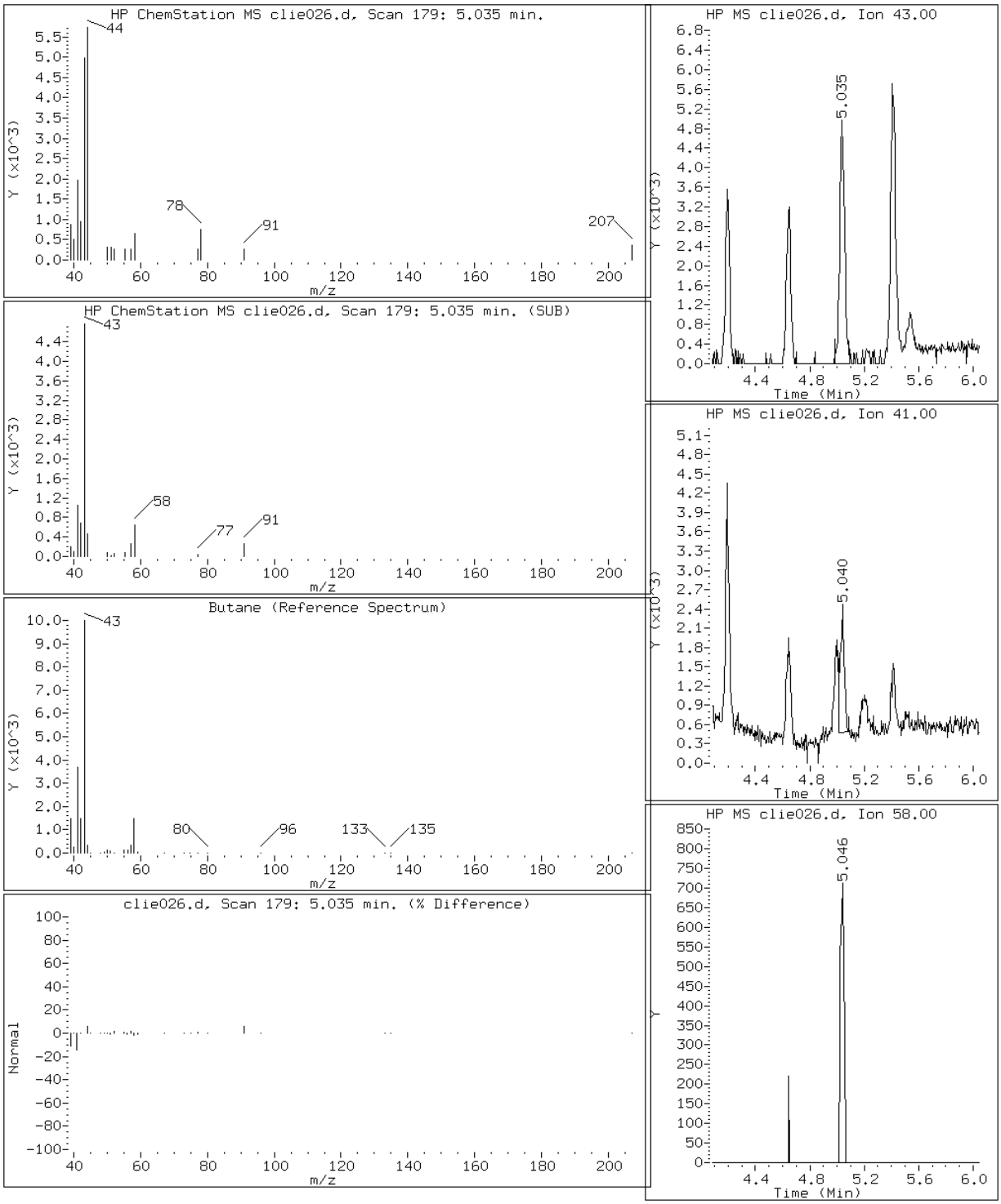
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

6 Butane



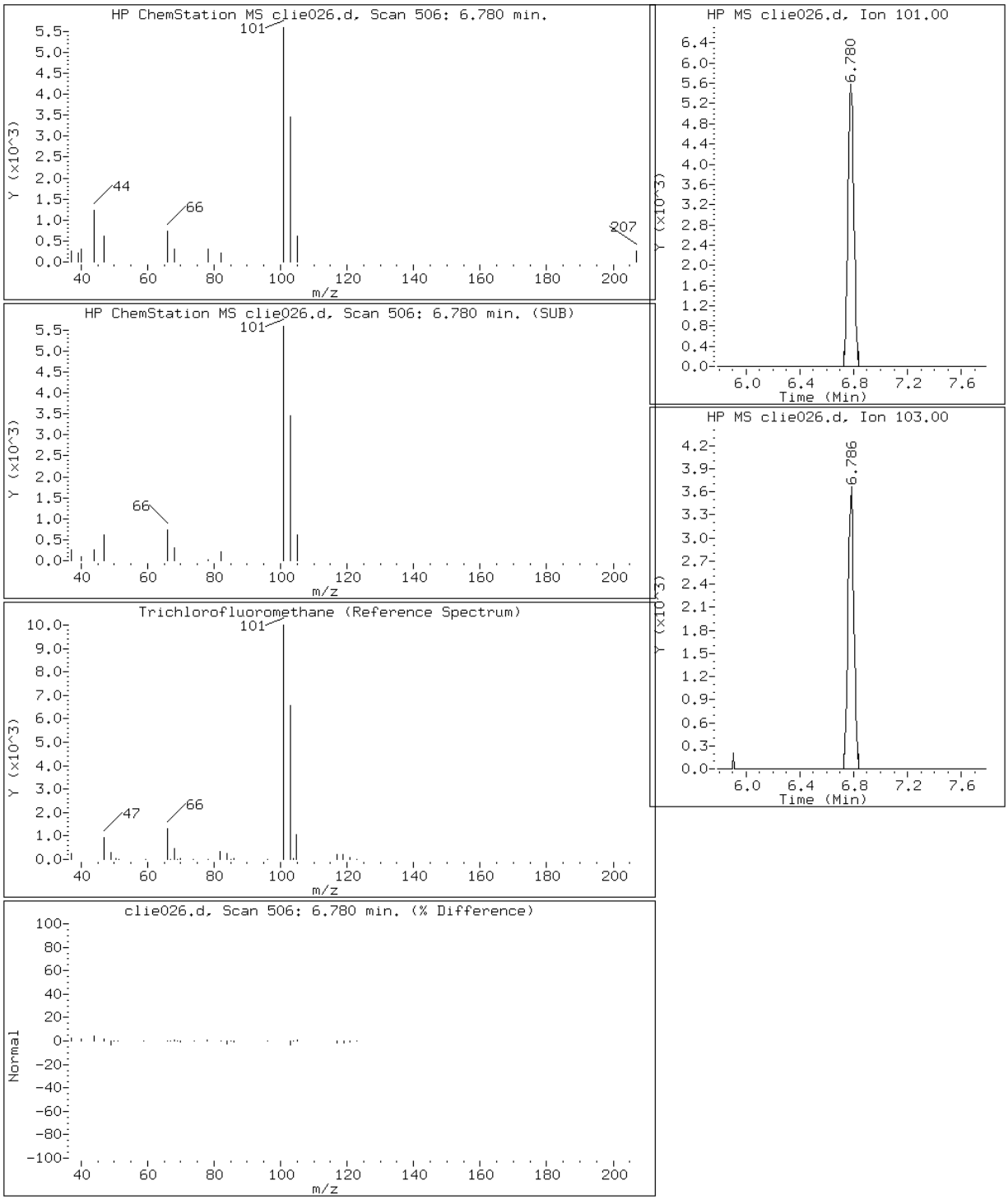
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

13 Trichlorofluoromethane



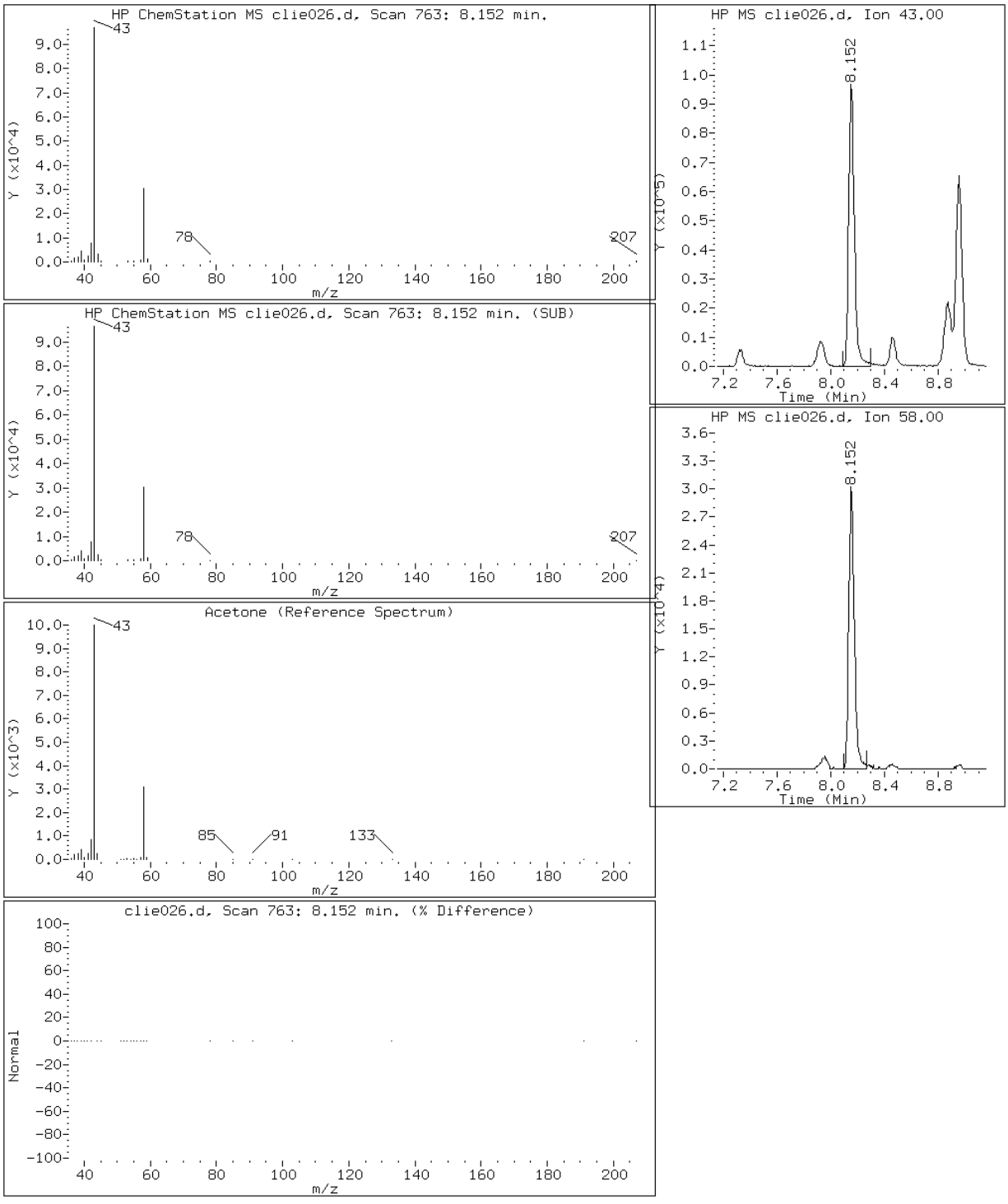
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

20 Acetone



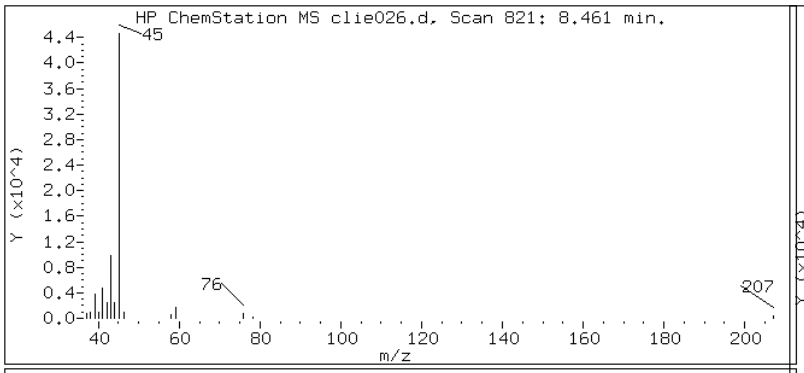
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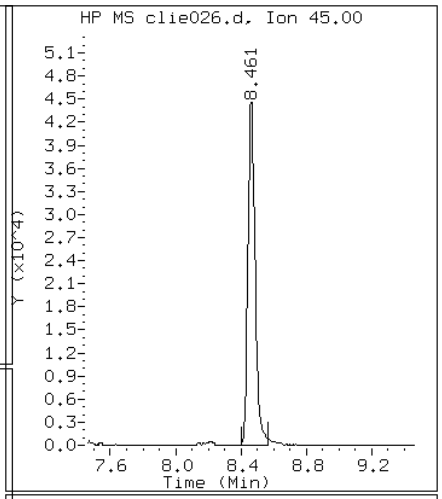
Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

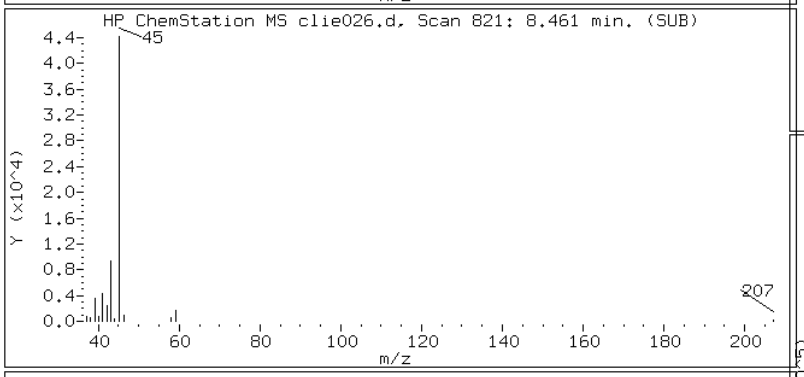
Client ID: 774VMP0301HA Instrument: C.i

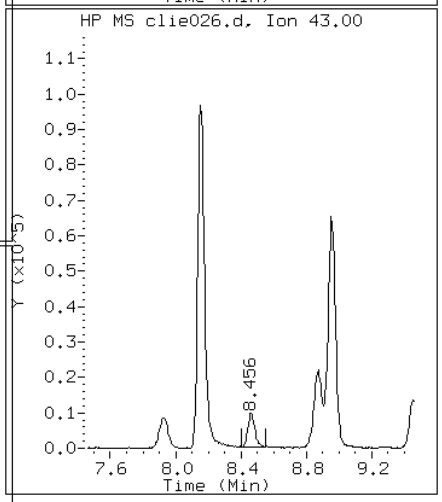
Sample Info: 280-39218-A-3 Operator: wrd

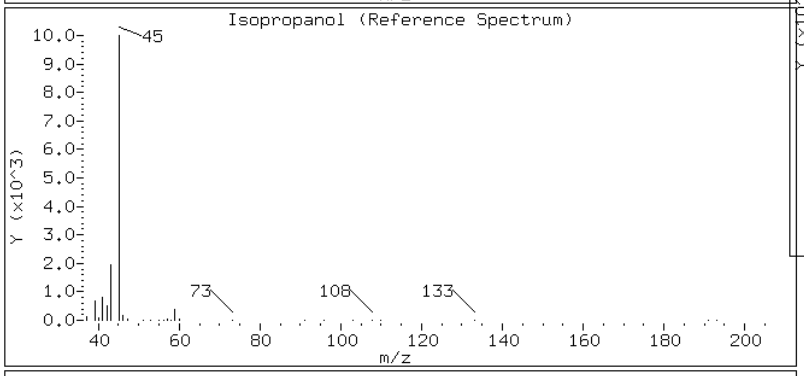
22 Isopropanol

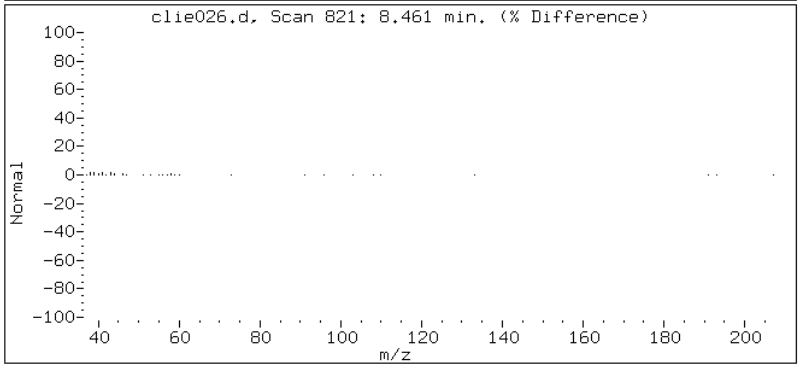












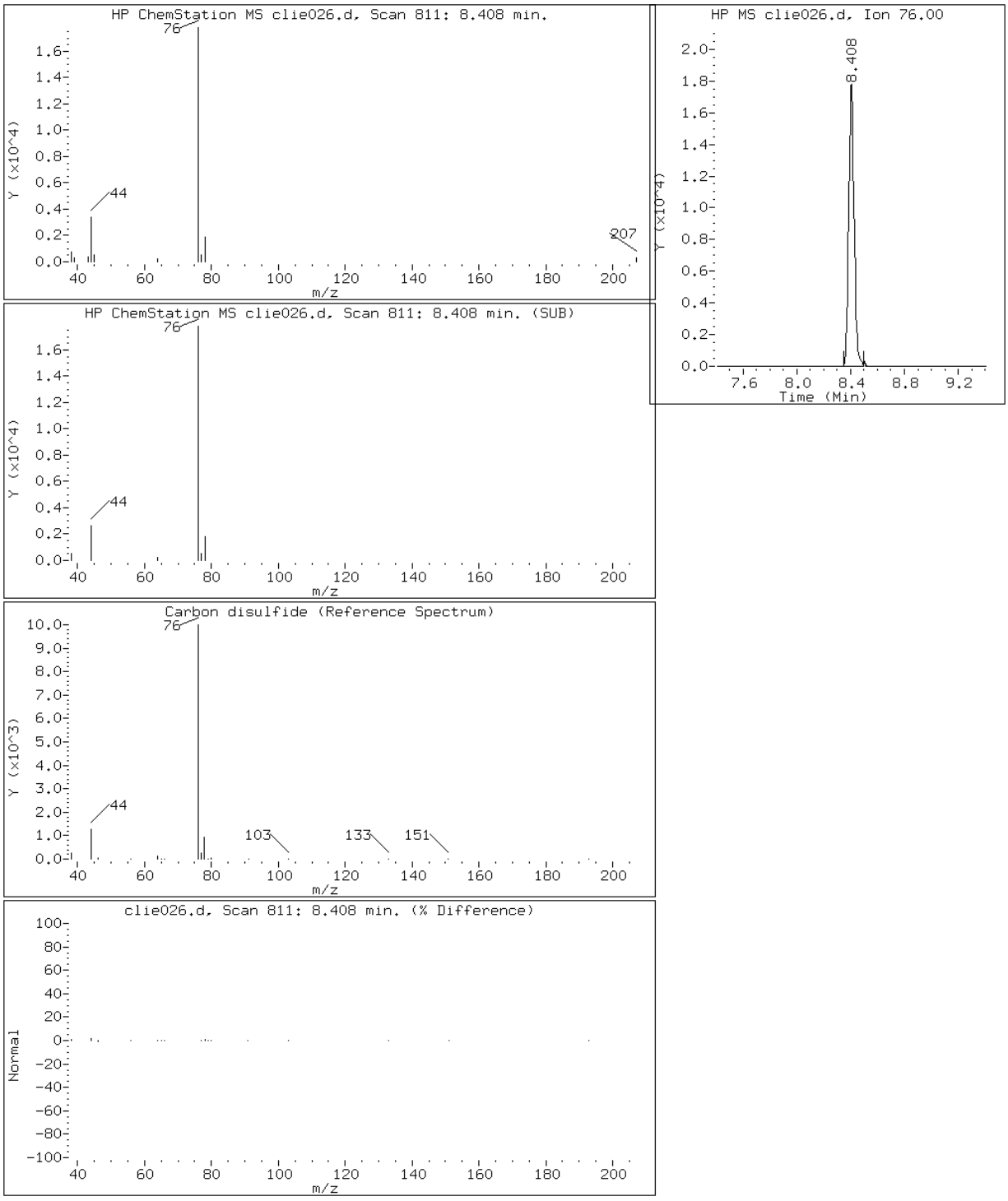
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

21 Carbon disulfide



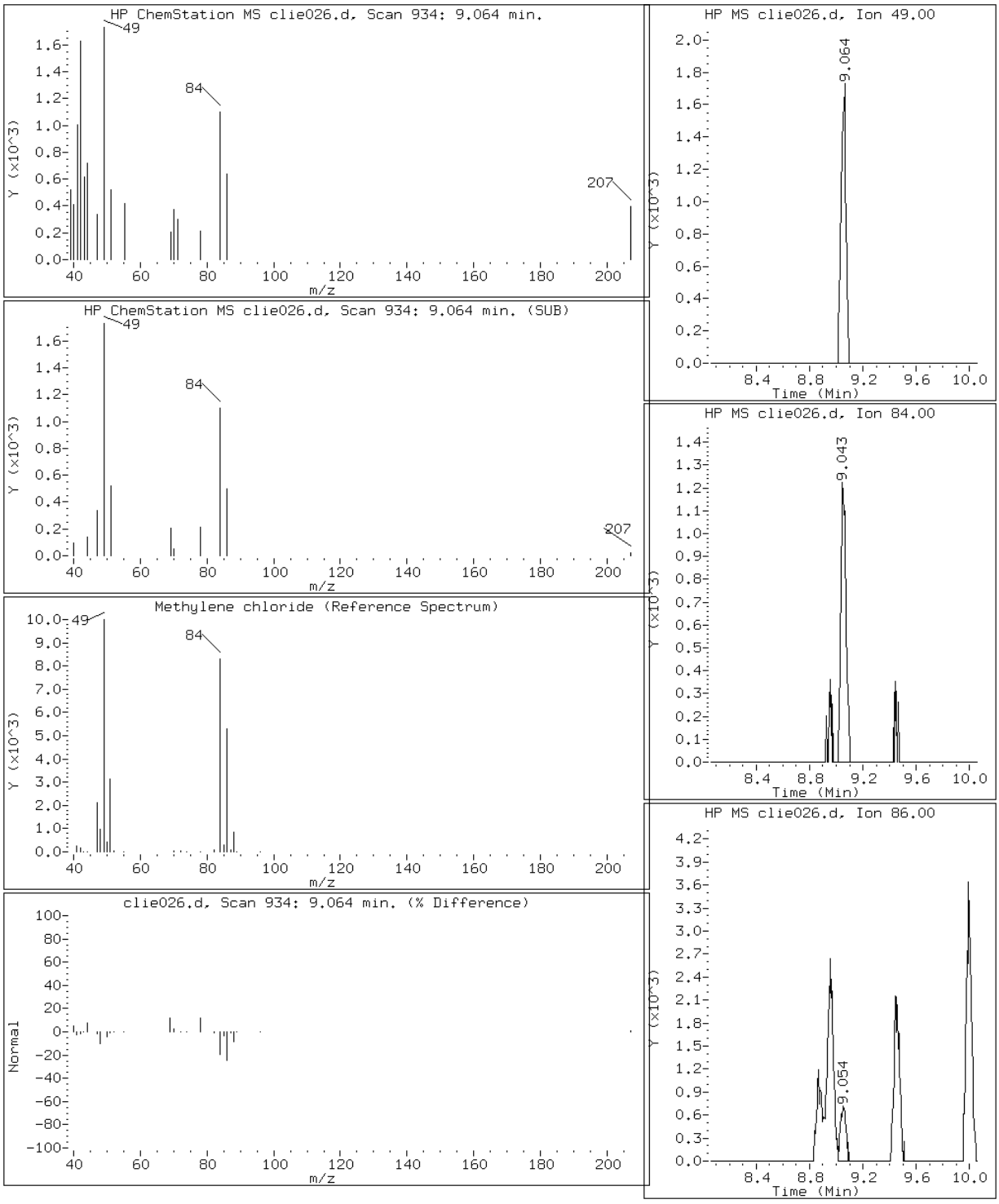
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

25 Methylene chloride



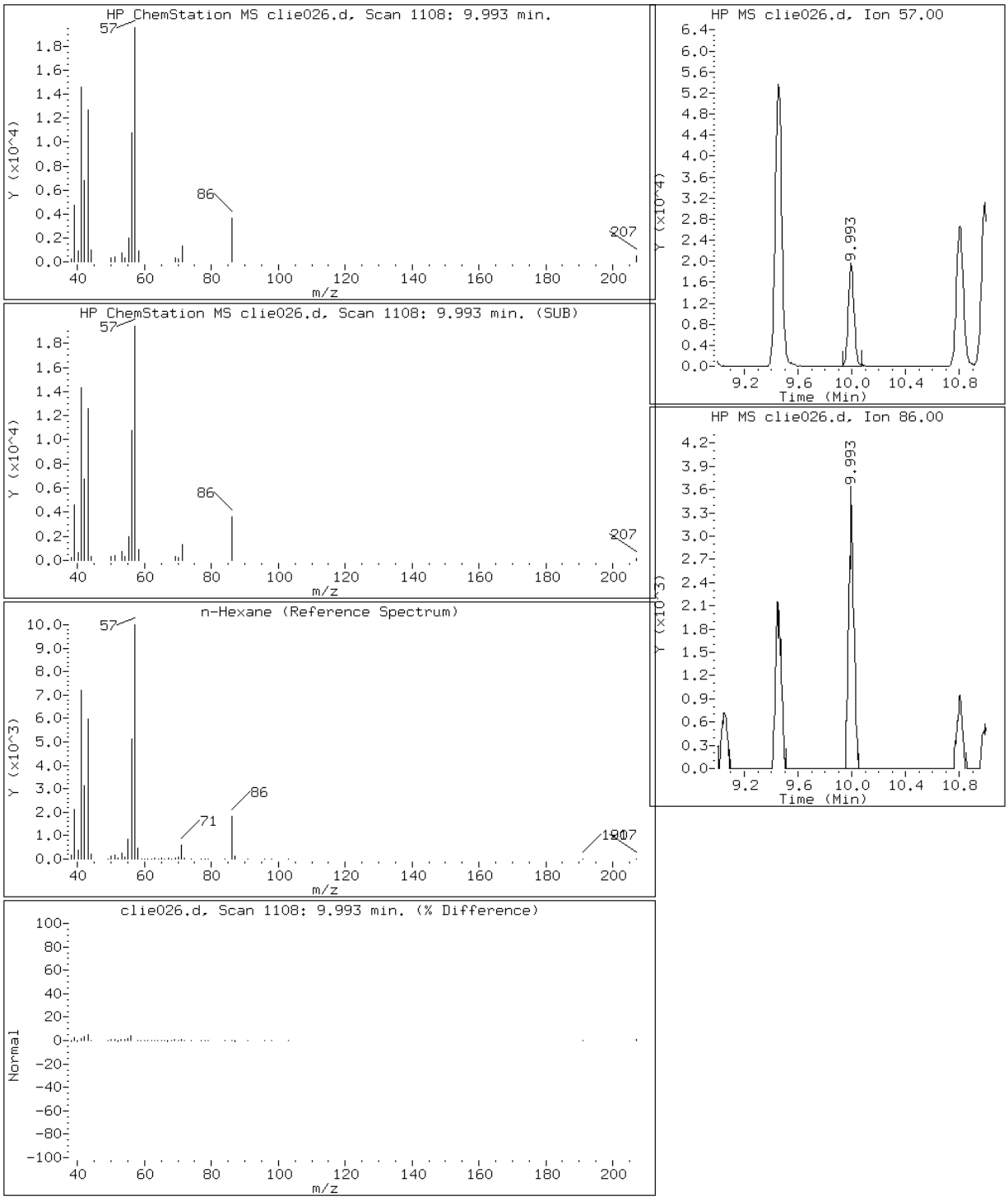
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

30 n-Hexane



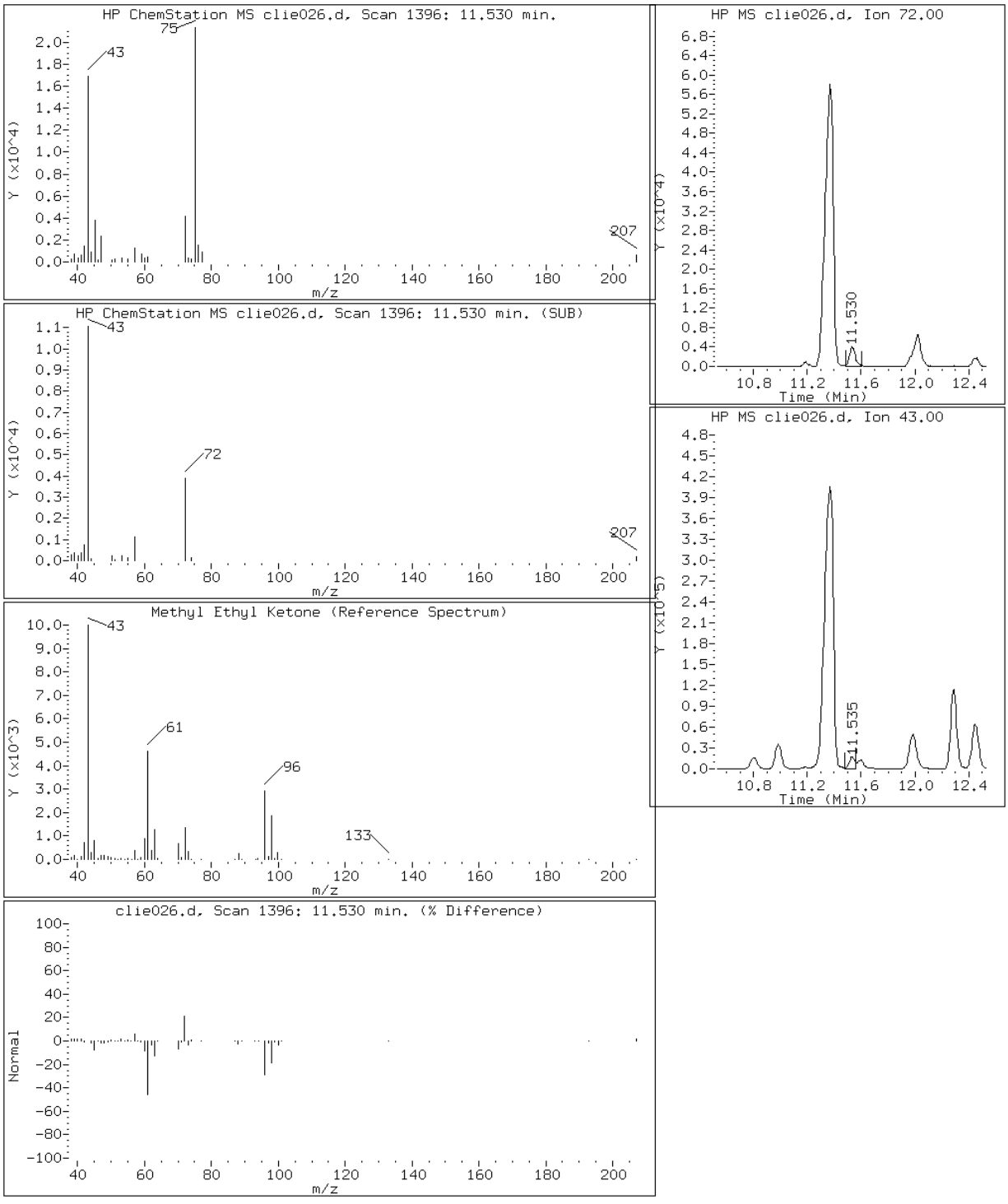
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

36 Methyl Ethyl Ketone



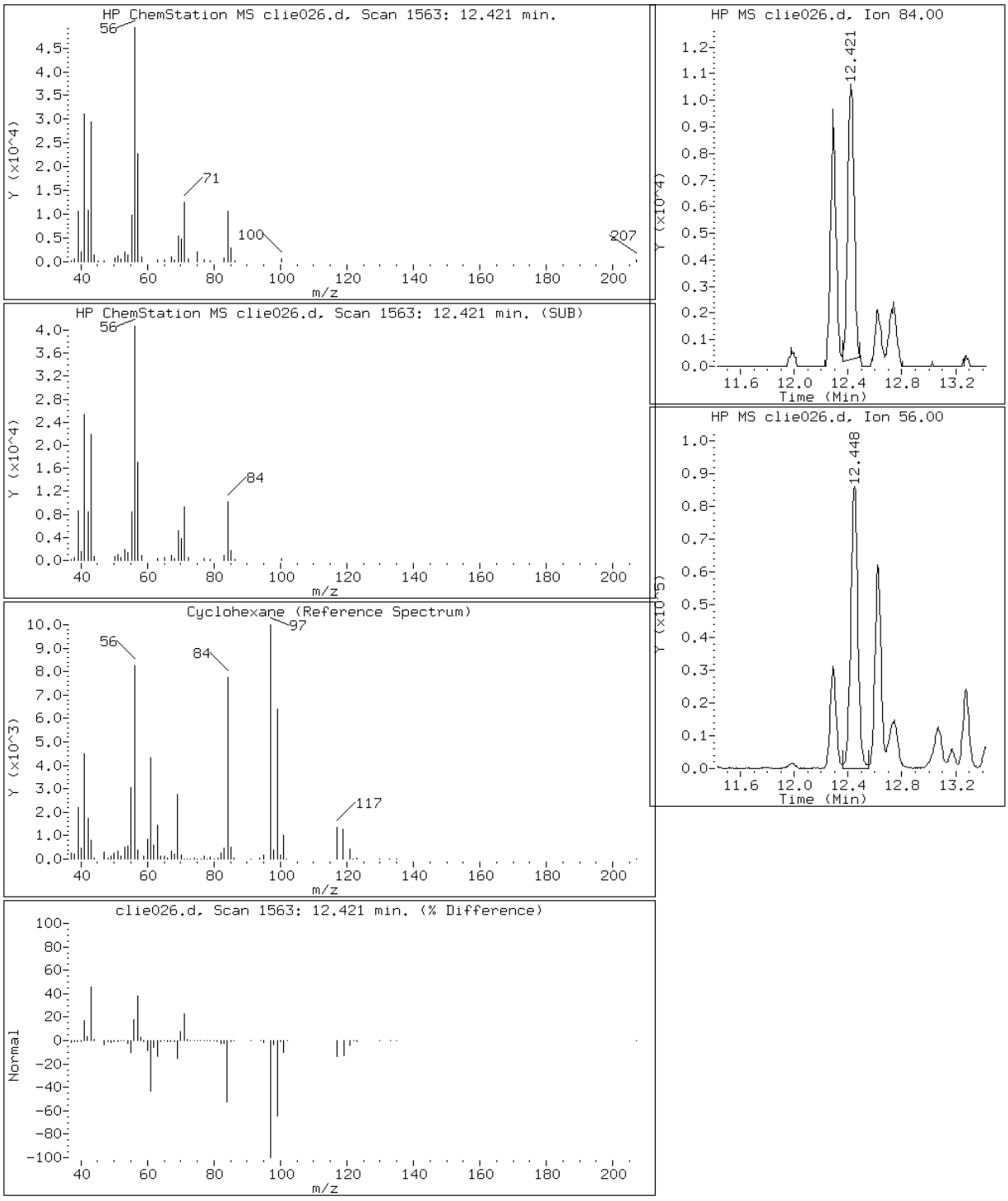
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Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

40 Cyclohexane



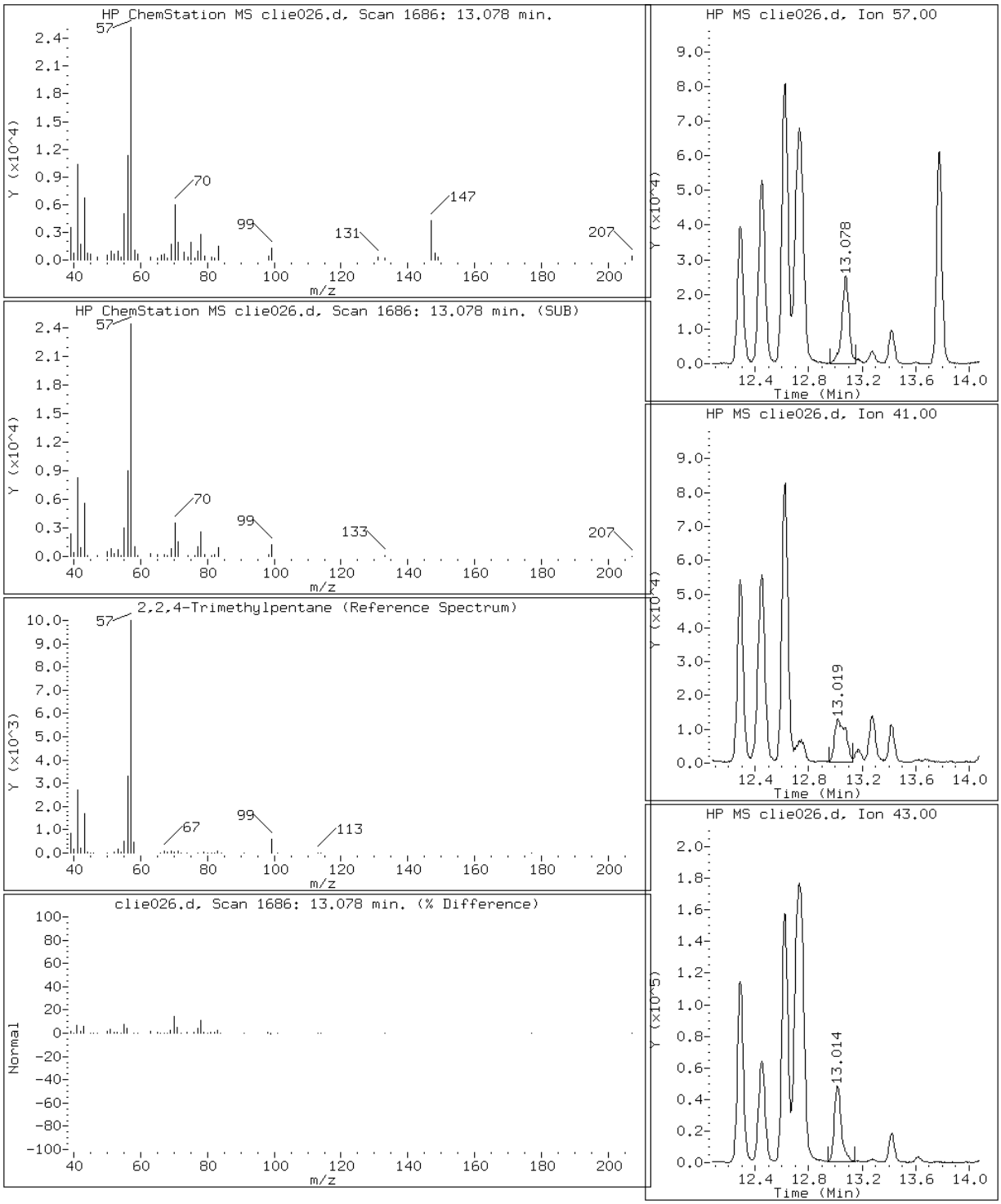
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

43 2,2,4-Trimethylpentane



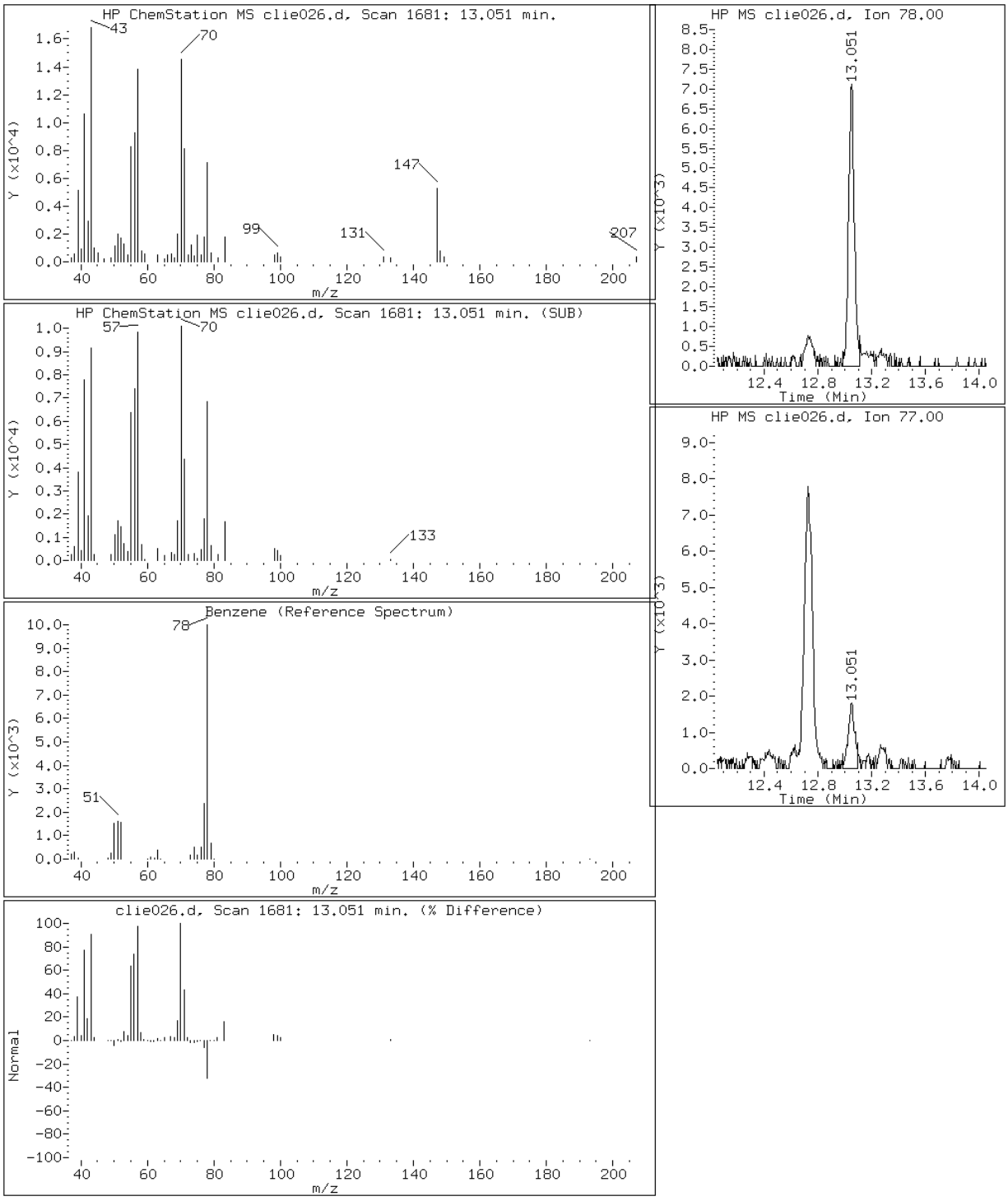
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

44 Benzene



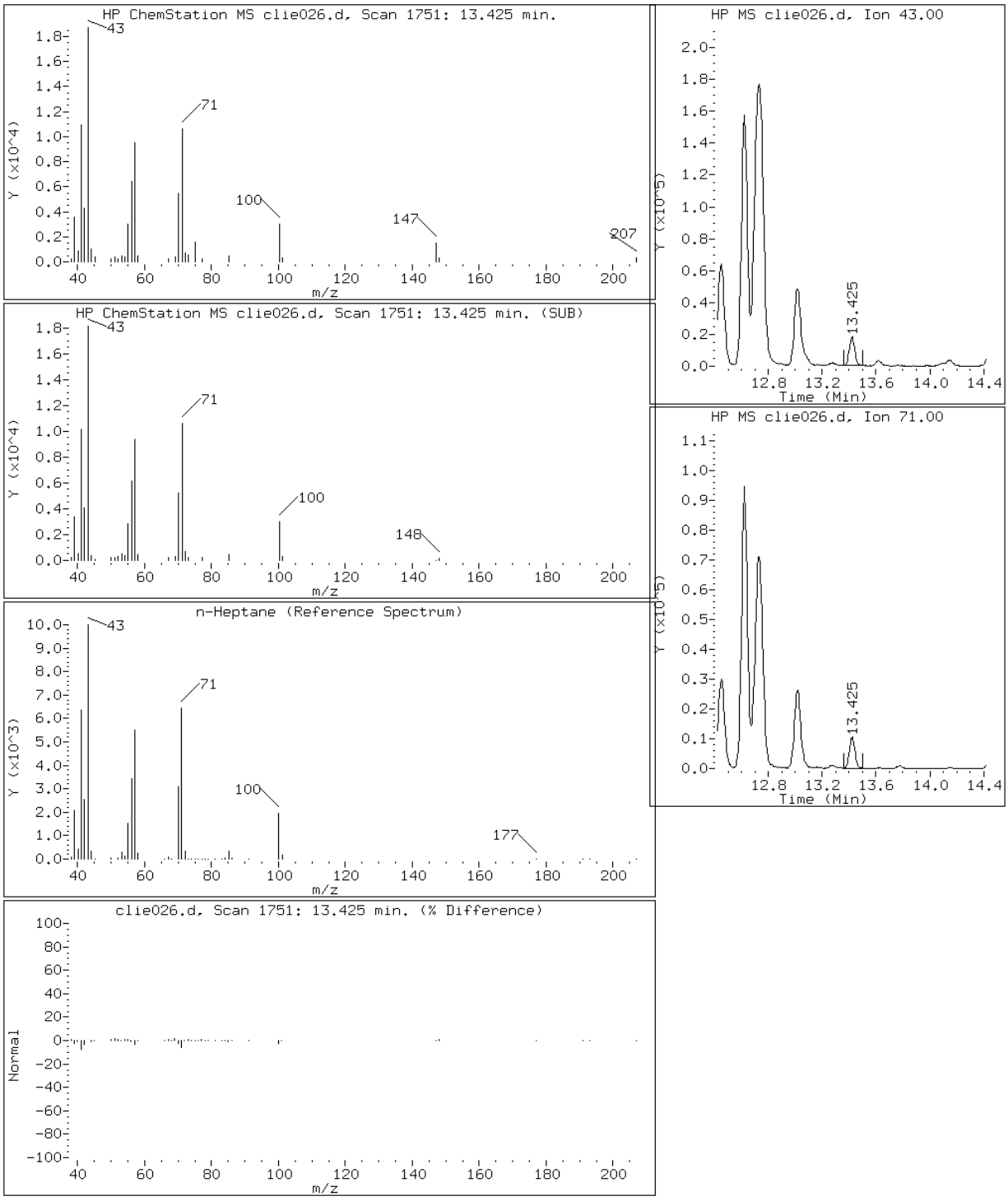
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Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

46 n-Heptane



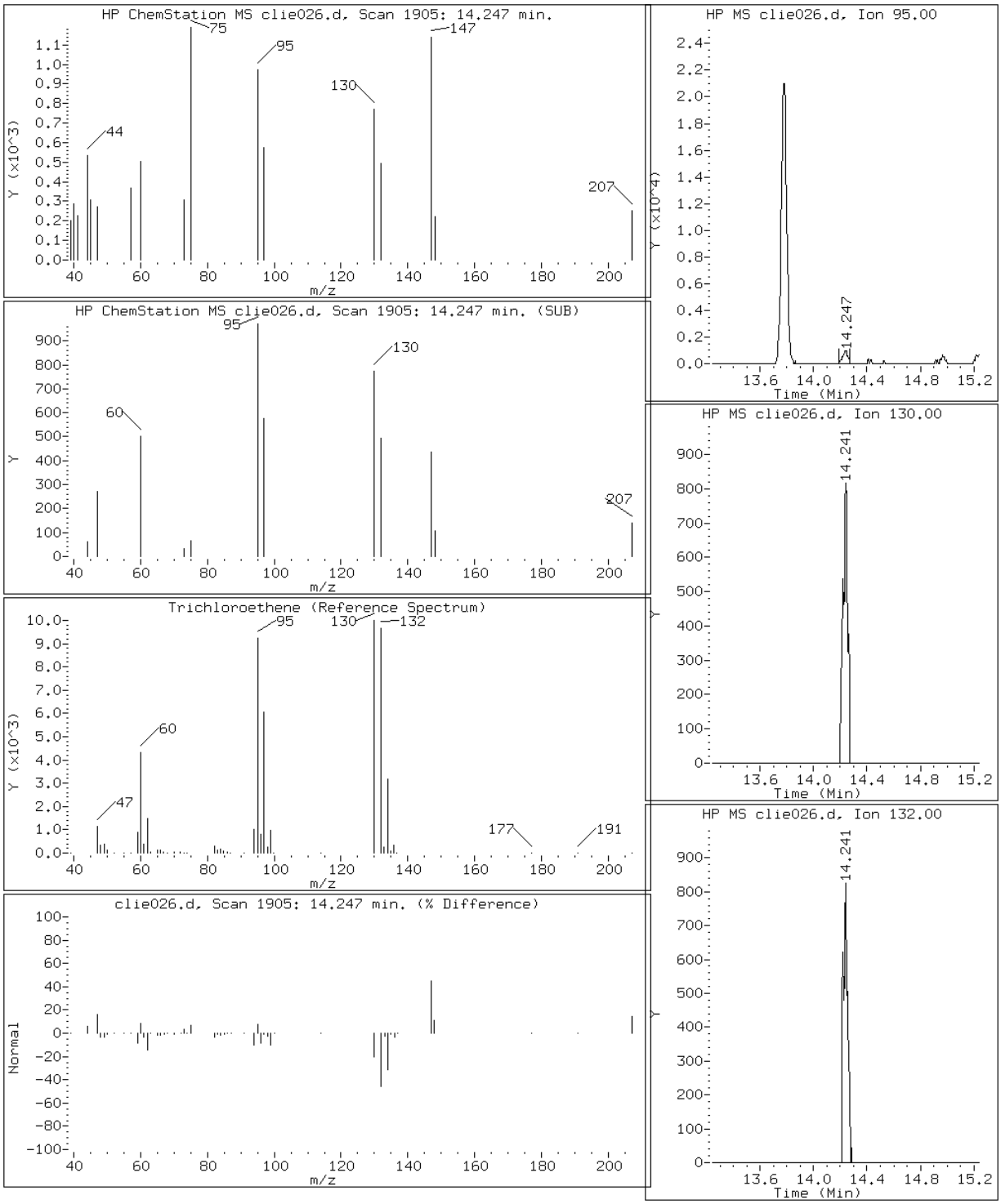
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Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

49 Trichloroethene



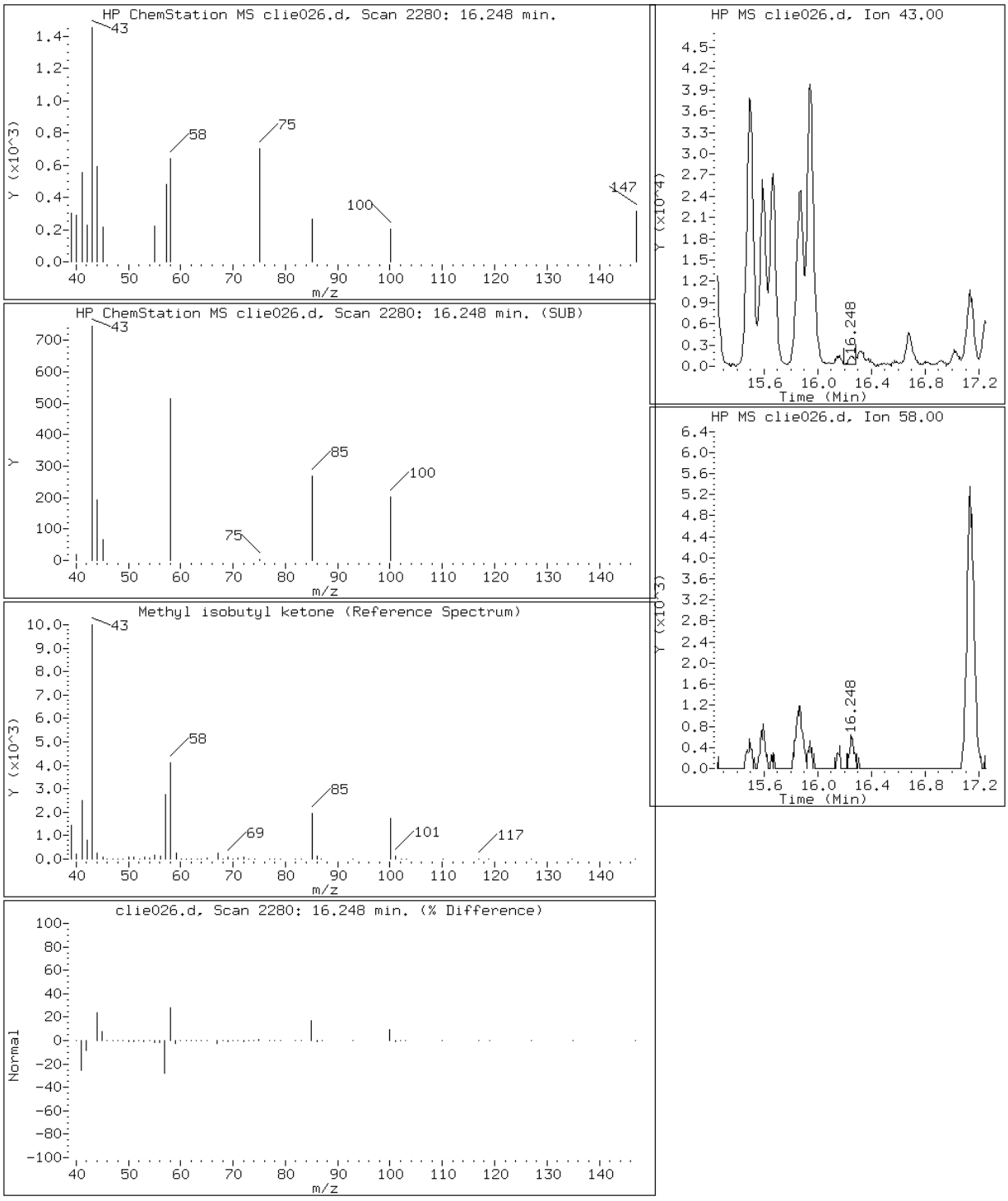
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

56 Methyl isobutyl ketone



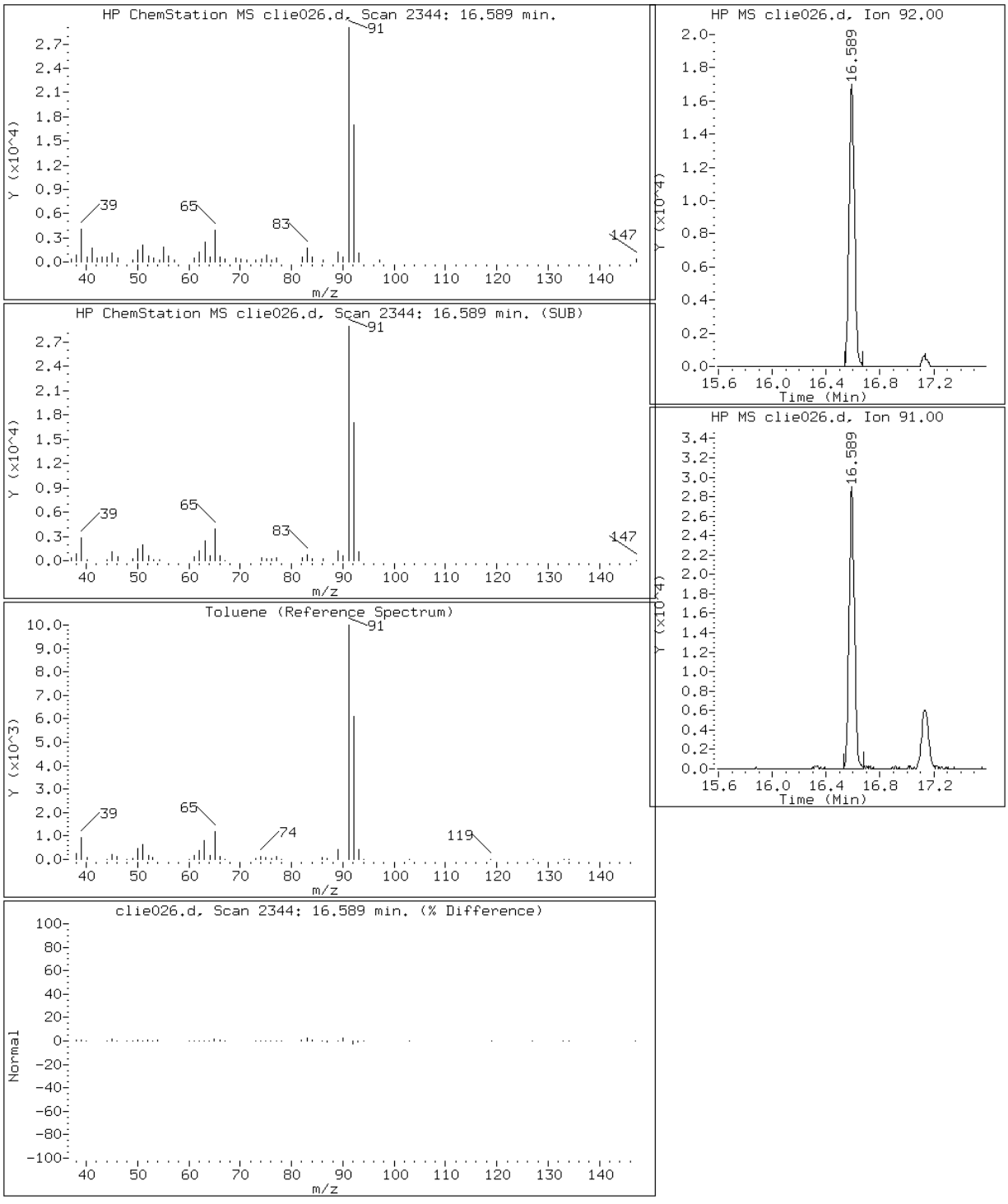
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

58 Toluene



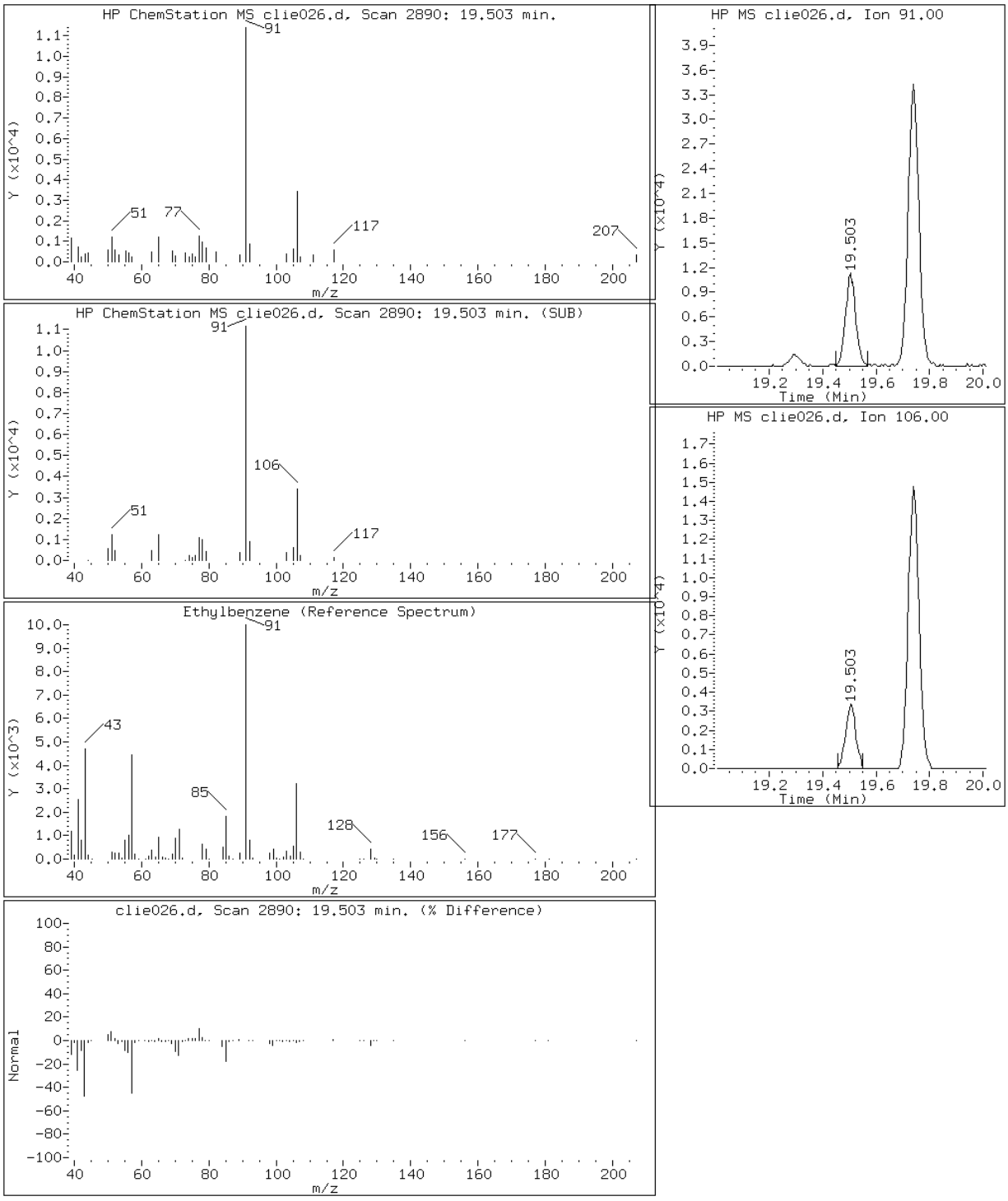
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

68 Ethylbenzene



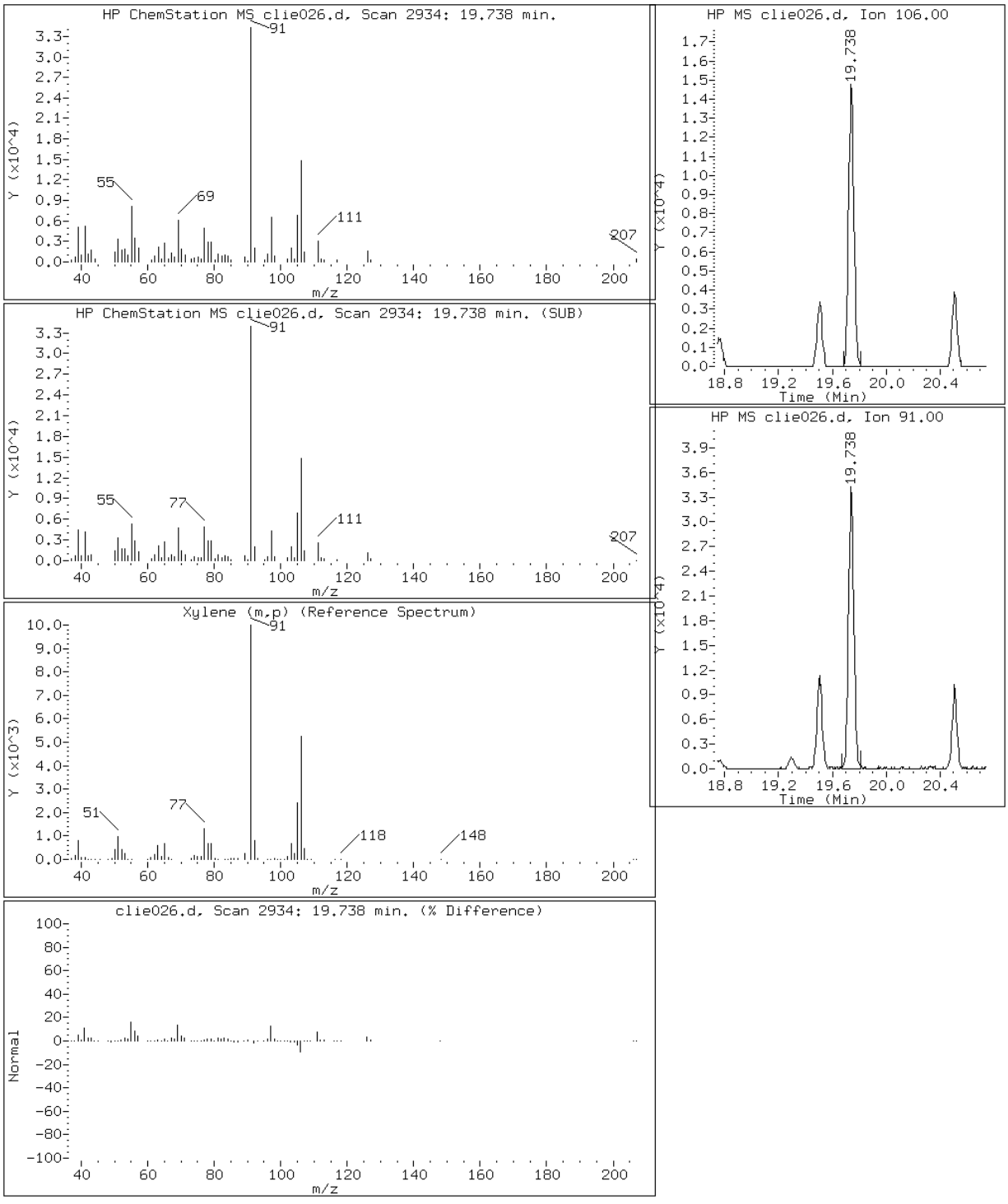
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

69 Xylene (m,p)



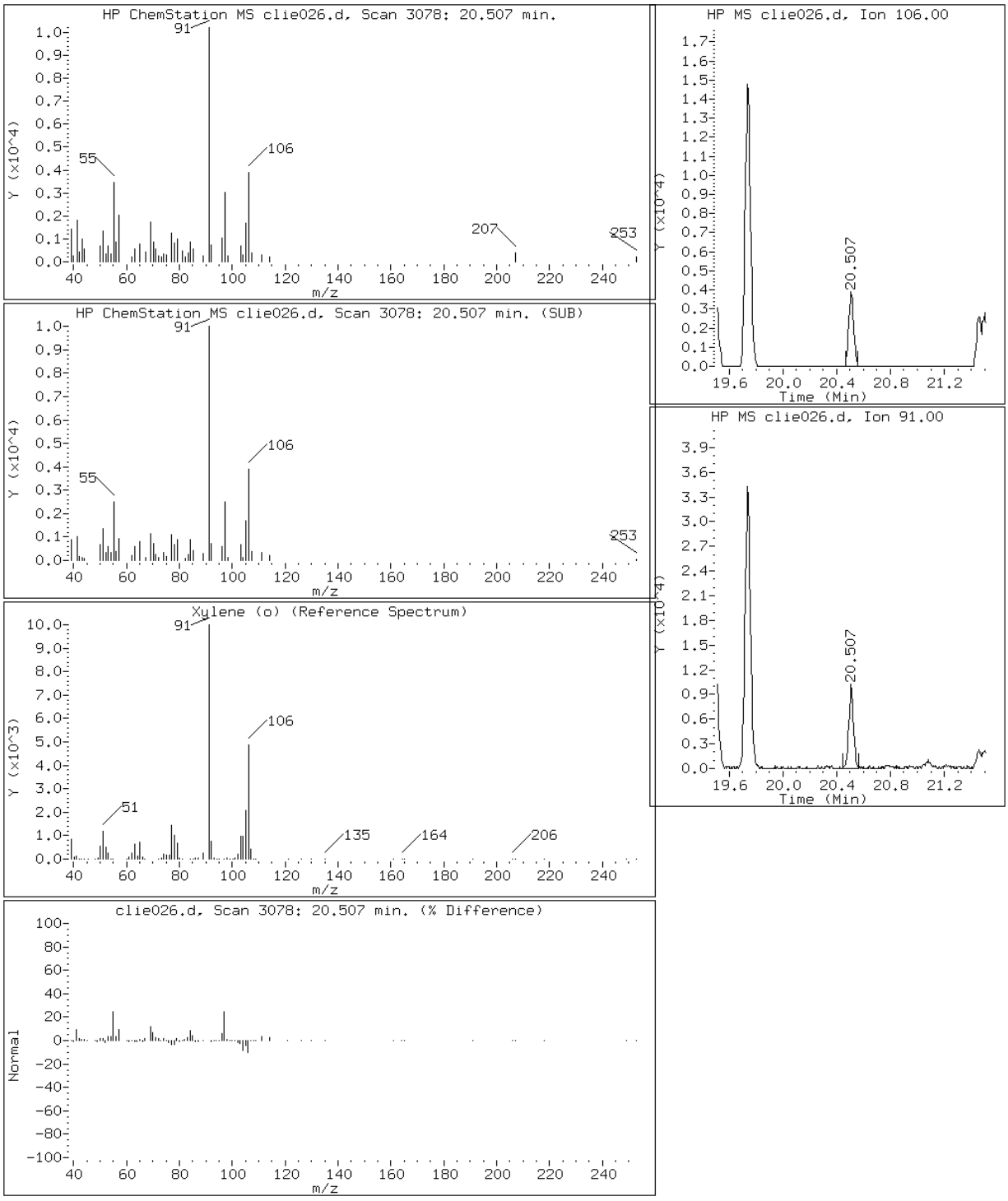
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

71 Xylene (o)



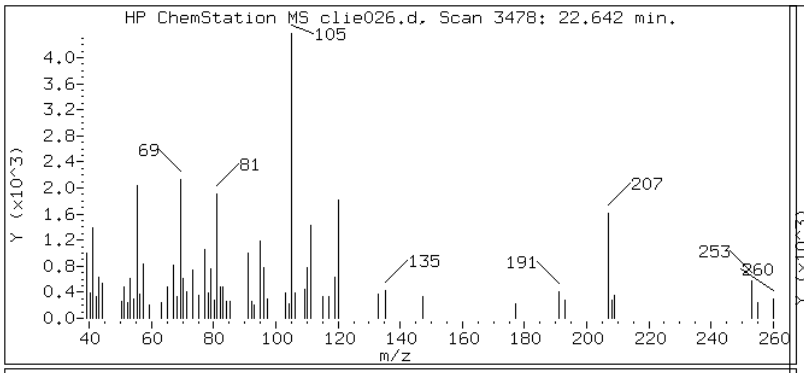
Data File: clie026.d

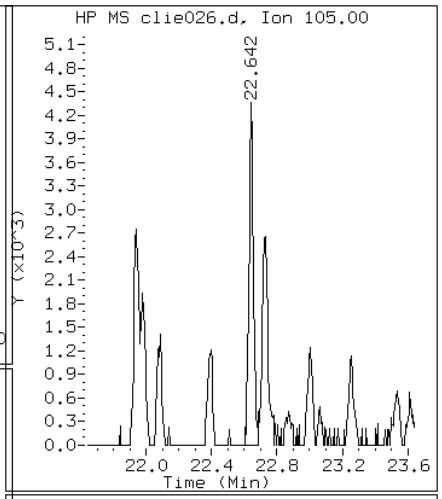
Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

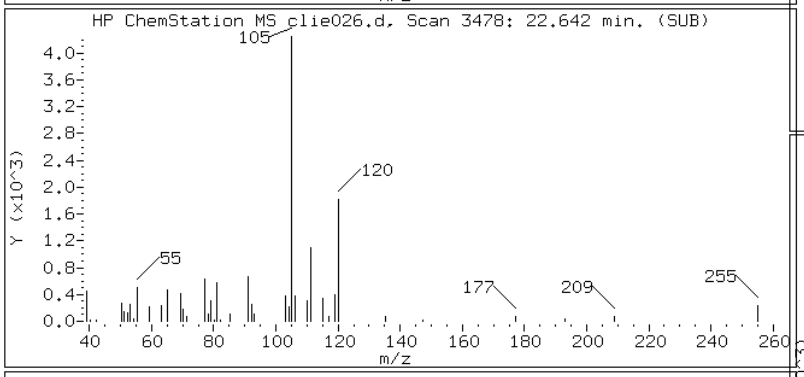
Client ID: 774VMP0301HA Instrument: C.i

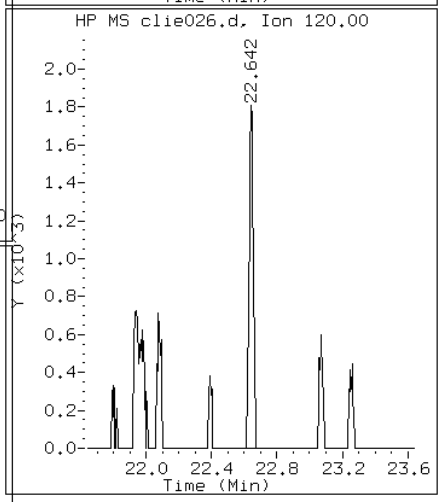
Sample Info: 280-39218-A-3 Operator: wrd

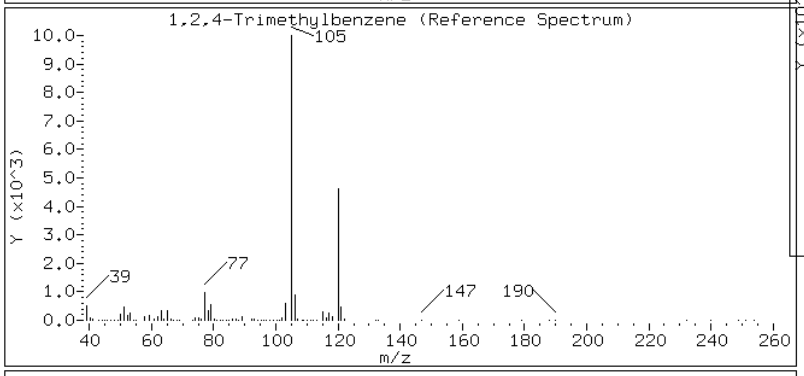
84 1,2,4-Trimethylbenzene

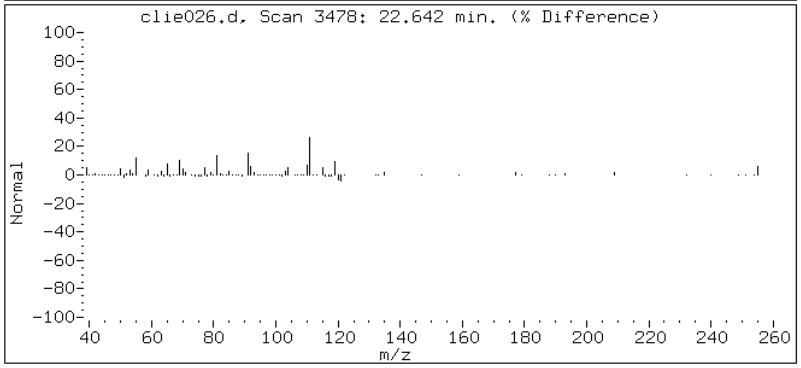












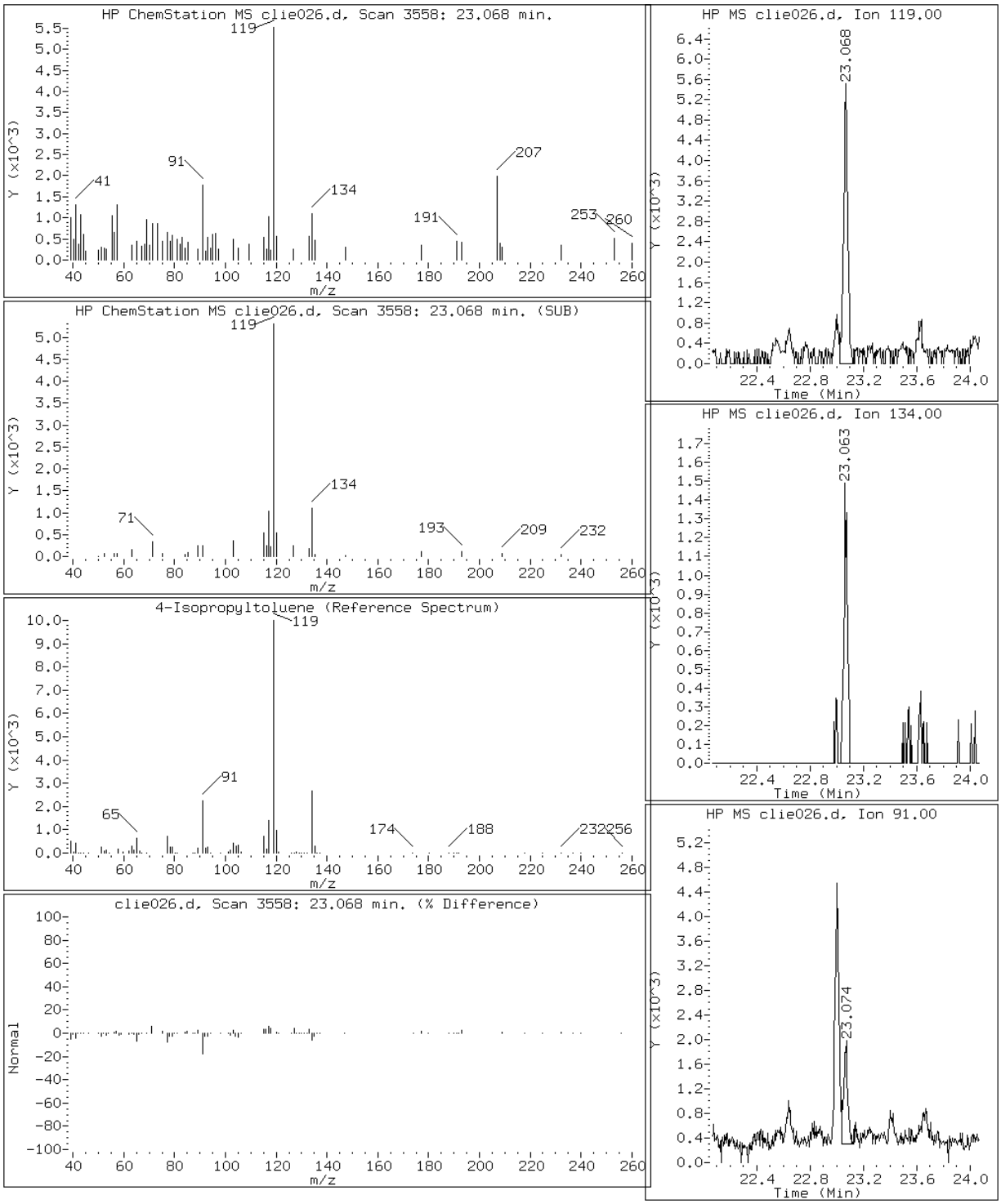
Data File: clie026.d

Lab Sample ID: 280-39218-3 Date: 15-MAR-2013 10:00

Client ID: 774VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-3 Operator: wrd

86 4-Isopropyltoluene



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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HC Lab Sample ID: 280-39218-4

Matrix: Air Lab File ID: clie016.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:06

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 00:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.52		0.50	0.020
75-45-6	Freon 22	86.47	18	Q	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.75		0.50	0.034
106-97-8	n-Butane	58.12	1.1		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.021
76-13-1	Freon TF	187.38	0.079	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	12		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	13		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.26	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.19	J	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	1.6		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.74		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	1.1	J	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	1.4		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.059	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.16	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HC Lab Sample ID: 280-39218-4

Matrix: Air Lab File ID: clie016.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:06

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 00:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.25		0.20	0.017
79-01-6	Trichloroethene	131.39	0.037	J	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.097	J	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HC Lab Sample ID: 280-39218-4

Matrix: Air Lab File ID: clie016.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:06

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 00:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HC Lab Sample ID: 280-39218-4

Matrix: Air Lab File ID: clie016.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:06

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 00:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.099
75-45-6	Freon 22	86.47	62	Q	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.6		1.0	0.070
106-97-8	n-Butane	58.12	2.7		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	0.60	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	28		12	0.95
67-63-0	Isopropyl alcohol	60.10	32		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.89	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.57	J	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	5.7		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	2.2		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	3.3	J	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	4.9		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.37	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.53	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HC Lab Sample ID: 280-39218-4

Matrix: Air Lab File ID: clie016.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:06

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 00:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.0		0.82	0.070
79-01-6	Trichloroethene	131.39	0.20	J	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.36	J	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HC Lab Sample ID: 280-39218-4

Matrix: Air Lab File ID: clie016.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:06

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 00:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-4
Client Smp ID: 776VMP0201HC
Inj Date : 15-MAR-2013 00:21
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-4
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	59005	0.51525	0.52
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	1087290	17.5993	18
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.774	4.779	(0.399)	25897	0.75078	0.75
6 Butane	43	5.040	5.046	(0.422)	64020	1.12064	1.1
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	27605	0.24487	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.928	7.944	(0.663)	5807	0.07891	0.079(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.152	8.157	(0.682)	528963	11.6045	12
21 Carbon disulfide	76	Compound Not Detected.					

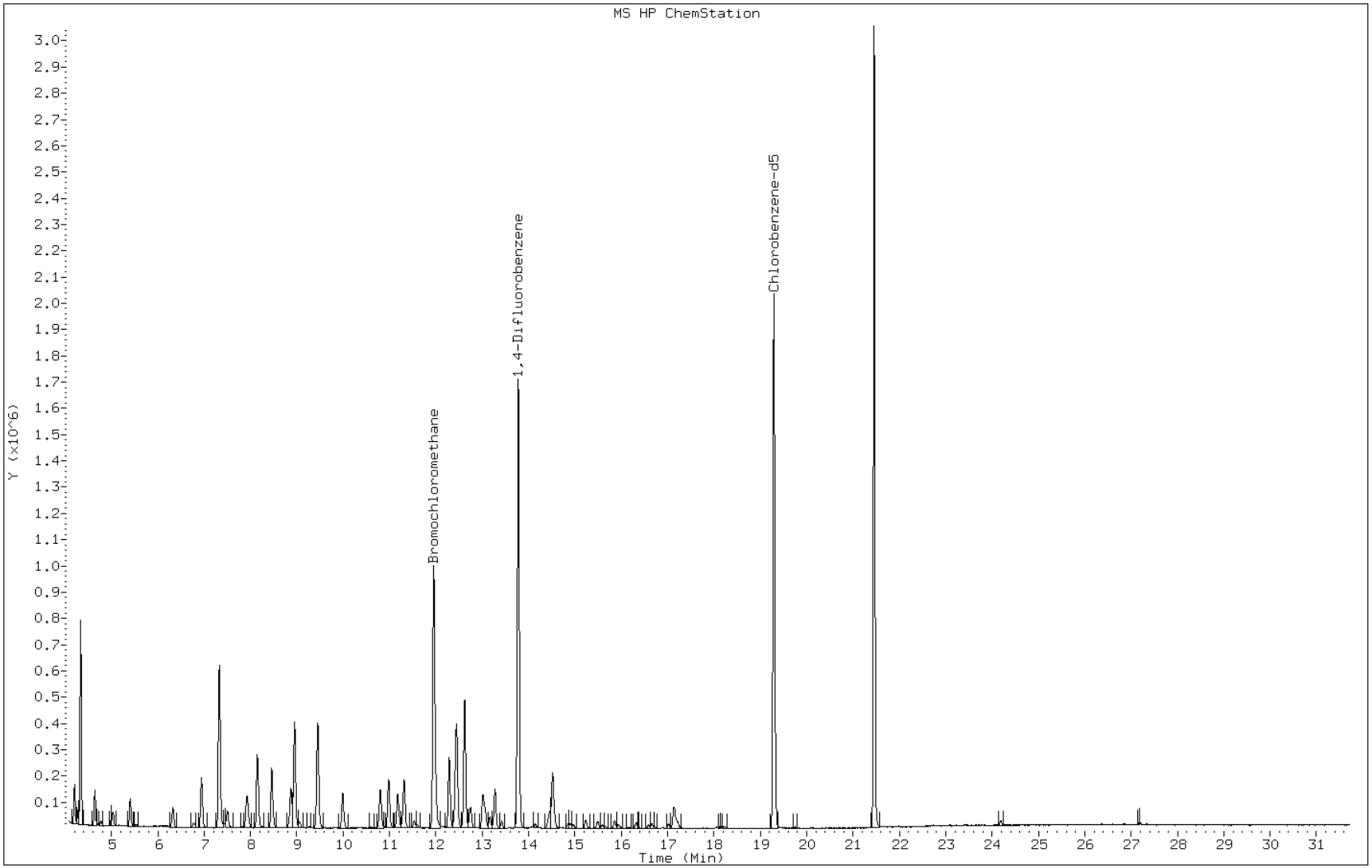
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.461	8.461	(0.708)	433908	13.0152	13
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.054	9.059	(0.758)	10440	0.25566	0.26(a)
	26 Tert-butyl alcohol	59	9.278	9.267	(0.776)	9092	0.18837	0.19(aQ)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.988	9.998	(0.836)	101991	1.61261	1.6
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	12781	0.73868	0.74(Q)
*	37 Bromochloromethane	128	11.952	11.957	(1.000)	335199	10.0000	
	38 Tetrahydrofuran	42	12.016	12.016	(0.872)	39865	1.13010	1.1(a)
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	12.421	12.427	(0.902)	83341	1.43055	1.4(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	12.651	12.656	(0.918)	6083	0.05863	0.059(a)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	13.040	13.051	(0.947)	22557	0.16476	0.16(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	13.425	13.419	(0.974)	17728	0.24576	0.25
*	47 1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1970741	10.0000	
	49 Trichloroethene	95	14.236	14.241	(1.033)	2319	0.03698	0.037(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.595	16.589	(0.860)	8902	0.09657	0.097(a)
	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	19.295	19.295	(1.000)	1794008	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clie016.d	Date:	15-MAR-2013 00:21
Client ID:	776VMP0201HC	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-4		
Lab Sample ID:	280-39218-4		



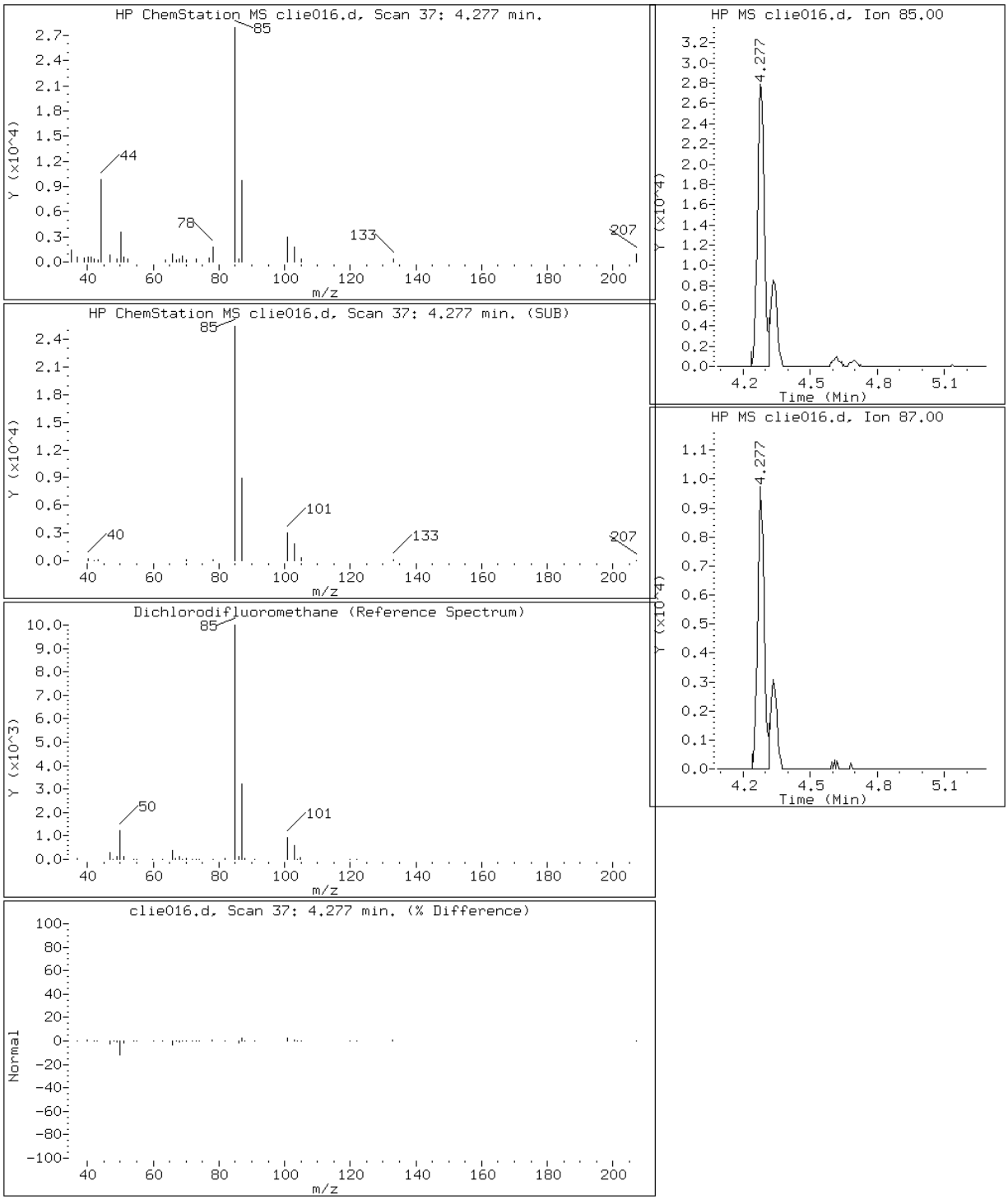
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

2 Dichlorodifluoromethane



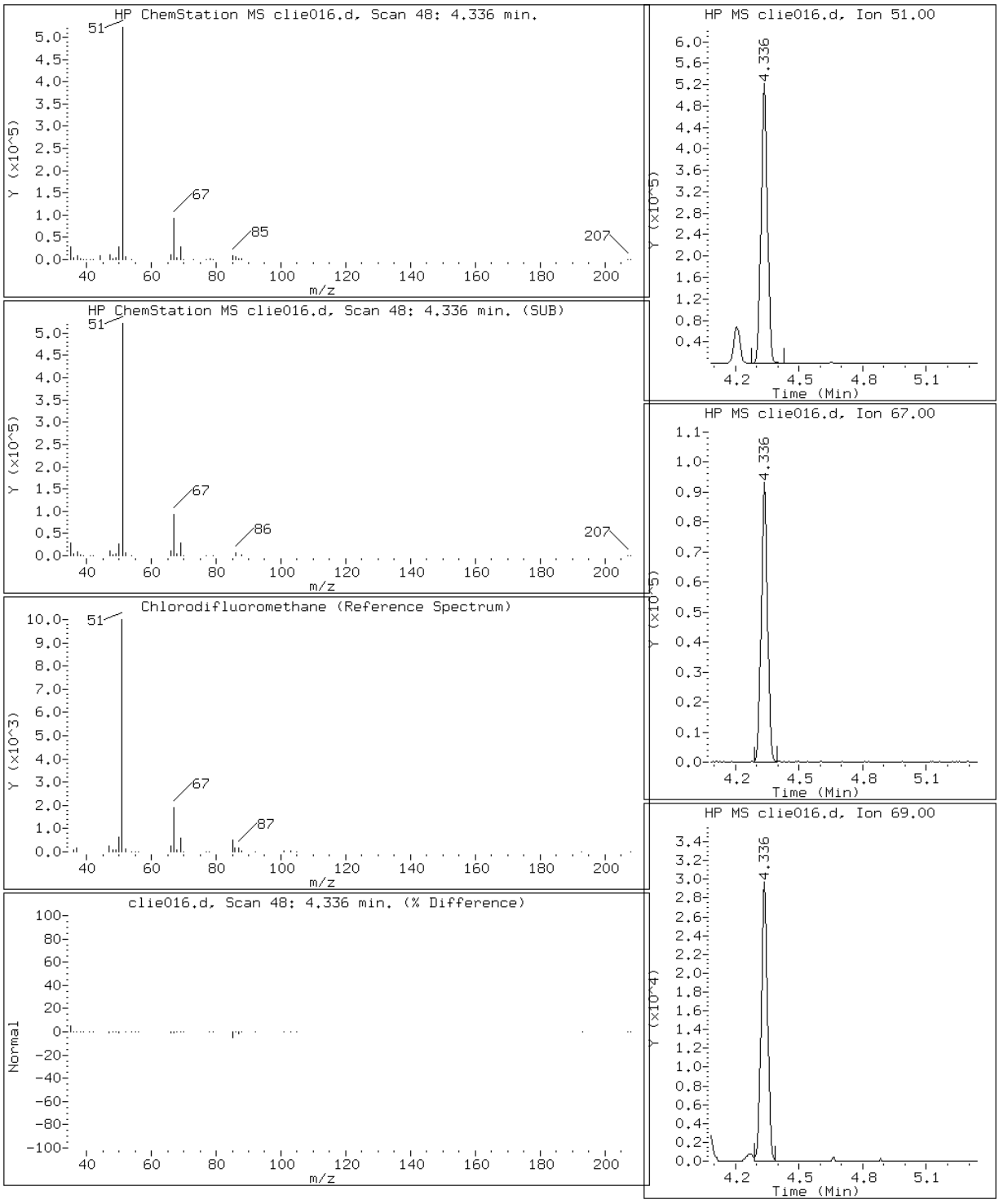
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Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

3 Chlorodifluoromethane



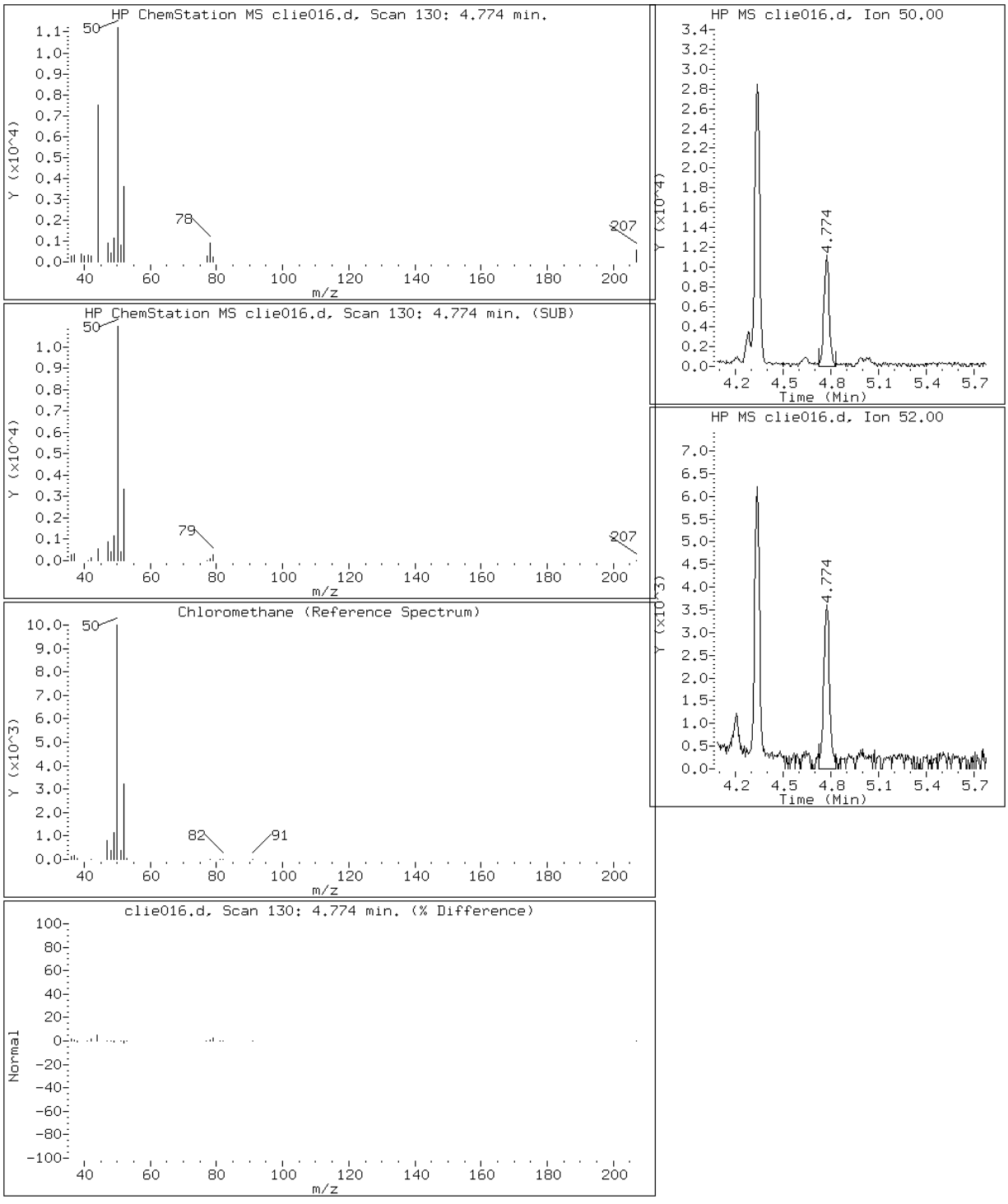
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Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

5 Chloromethane



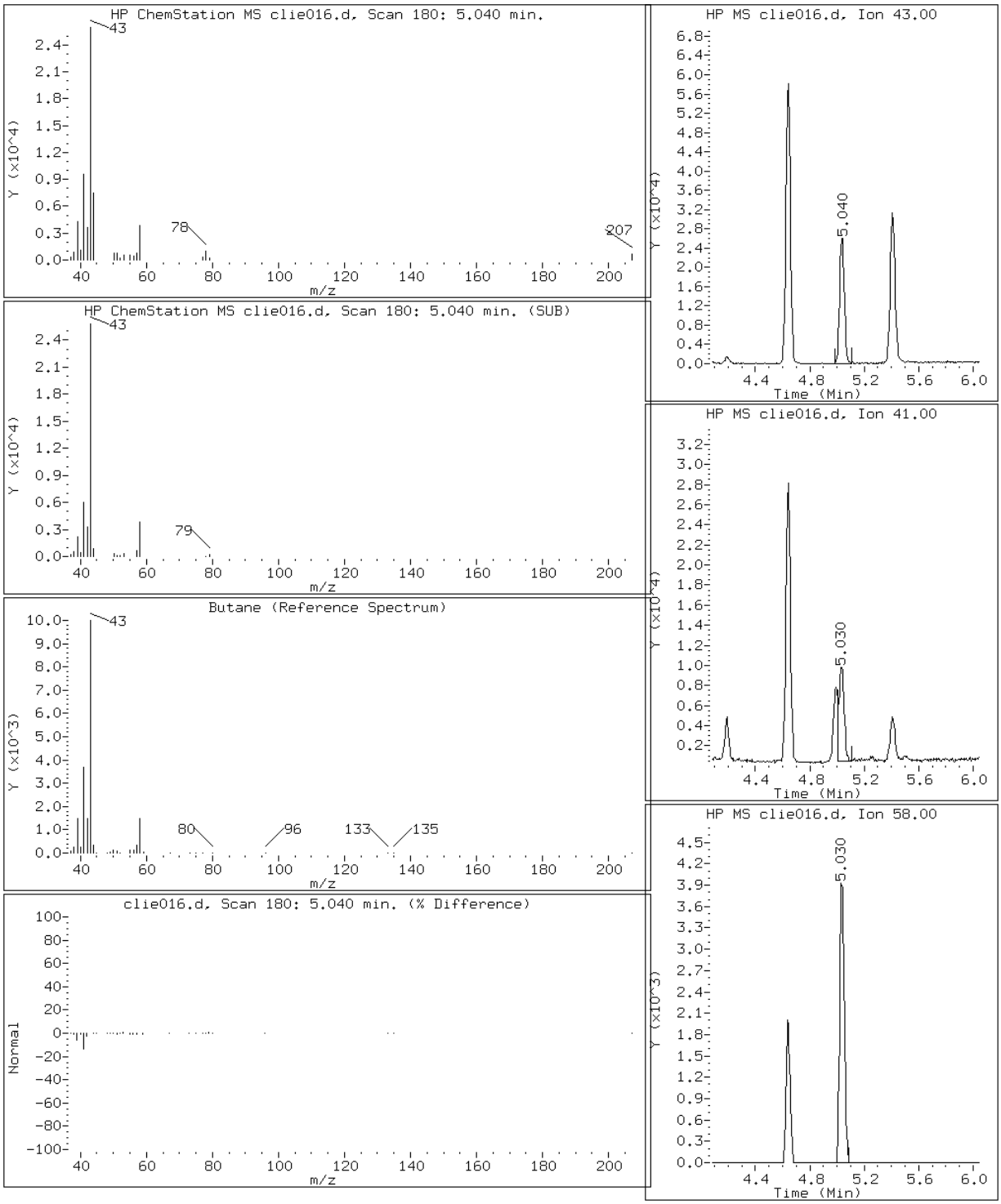
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Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

6 Butane



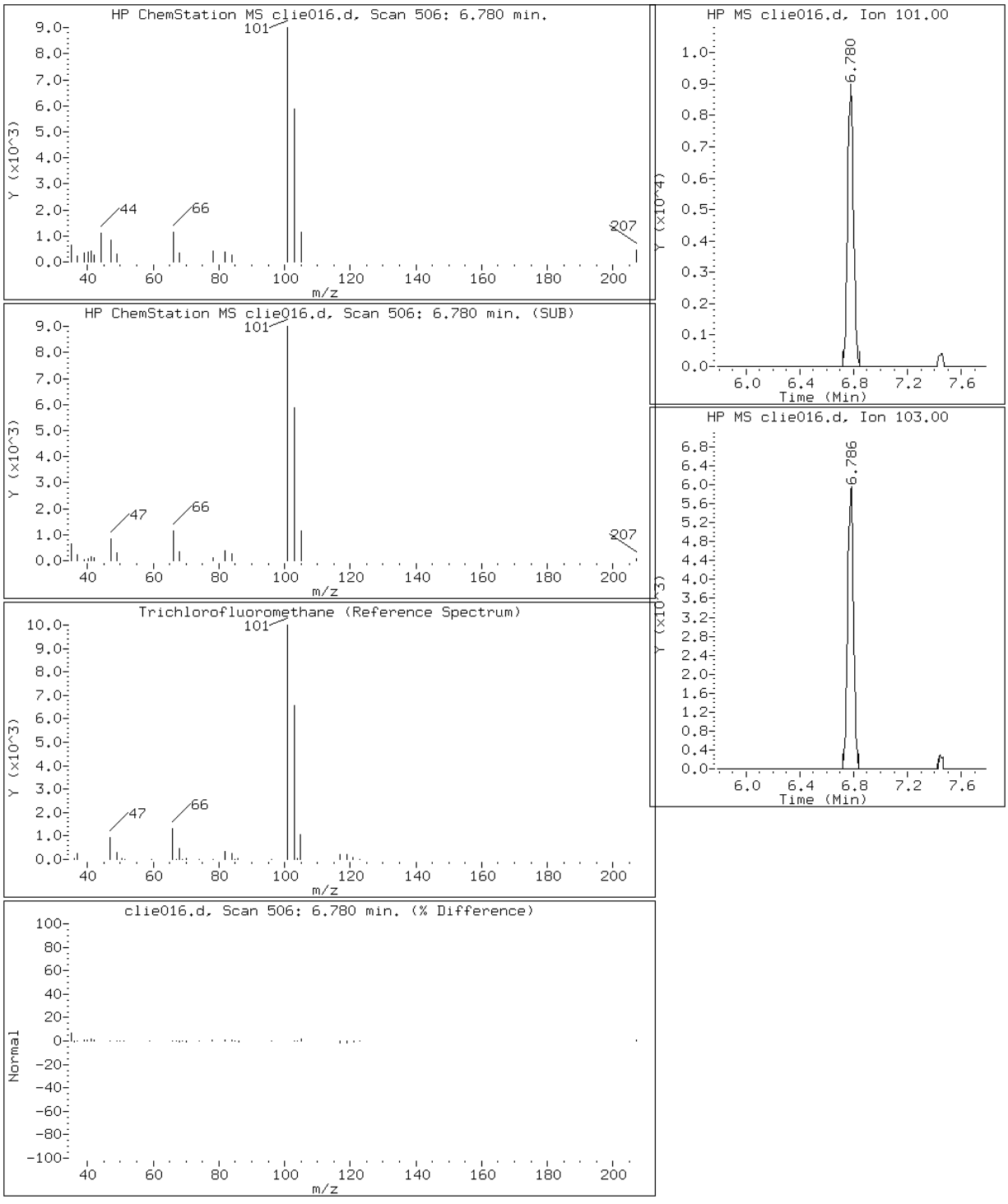
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Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

13 Trichlorofluoromethane



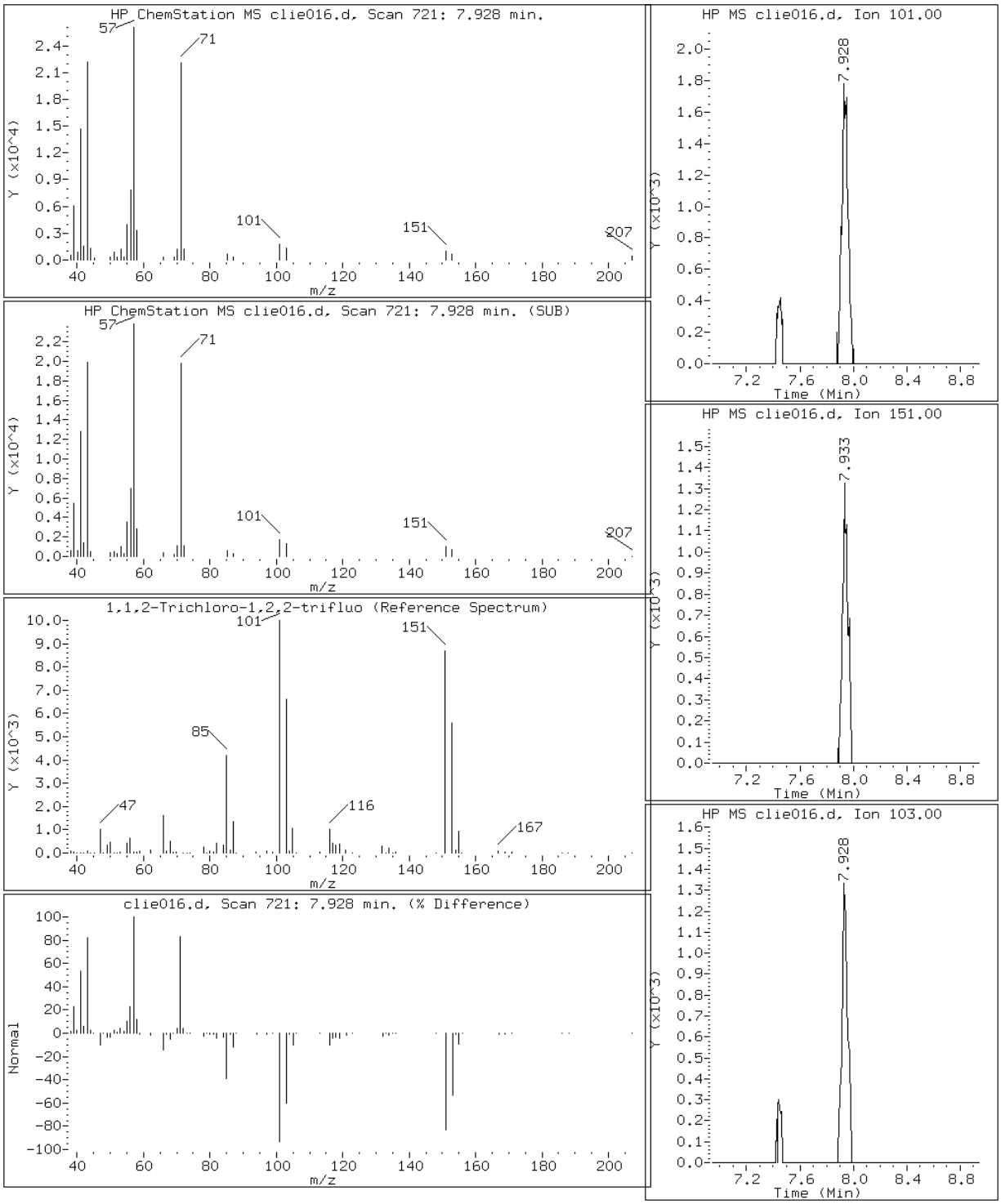
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



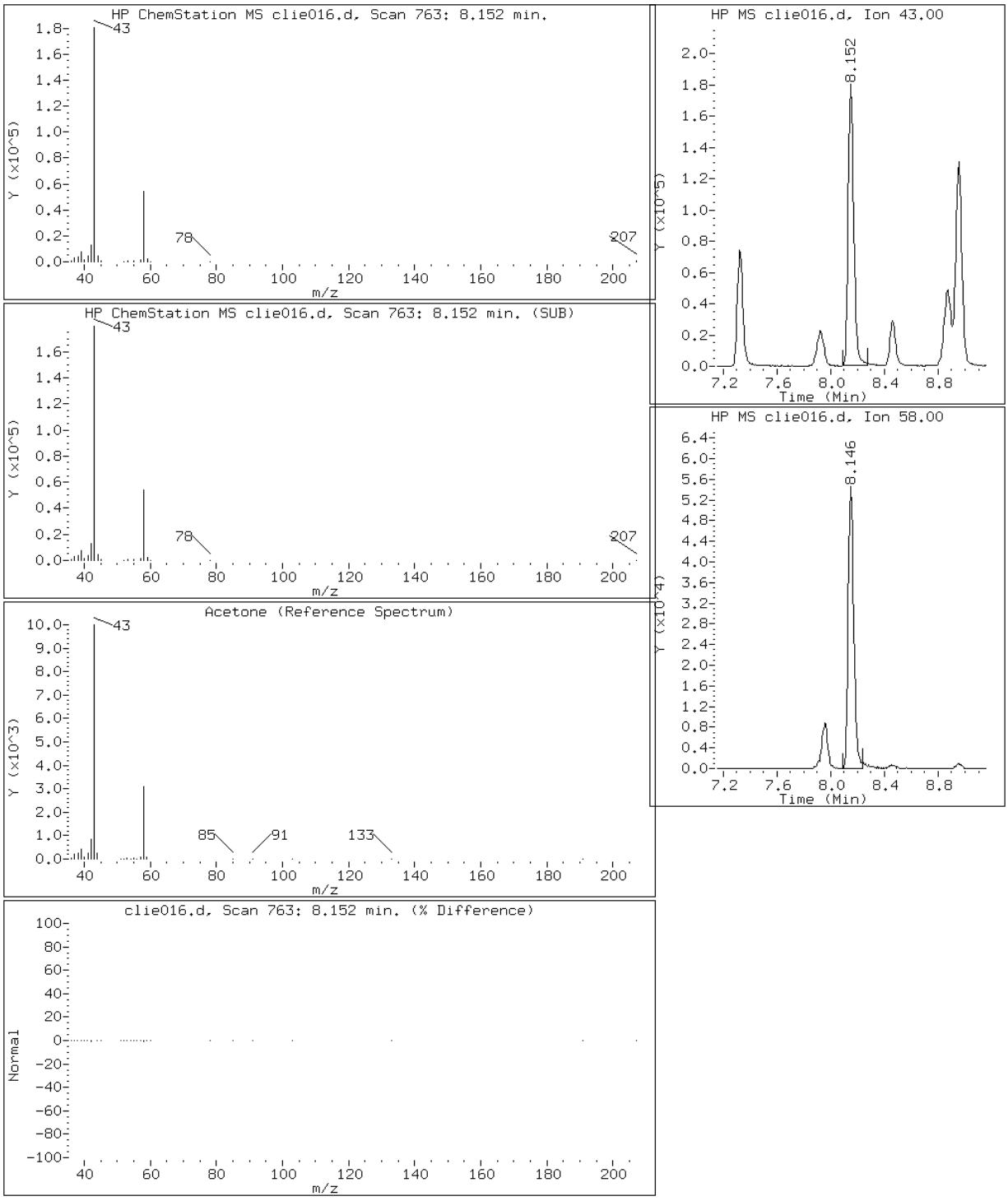
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

20 Acetone



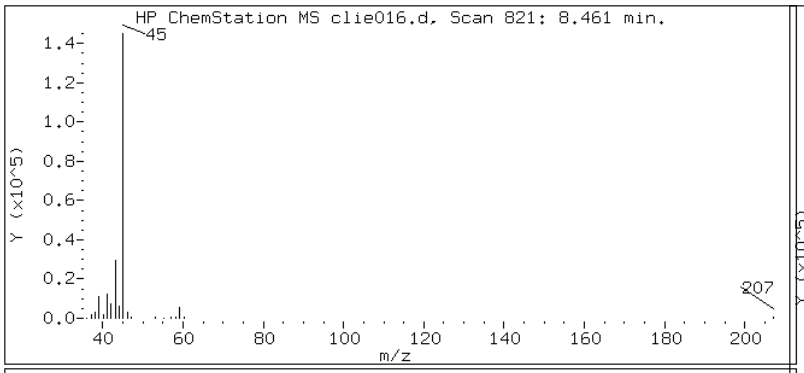
Data File: clie016.d

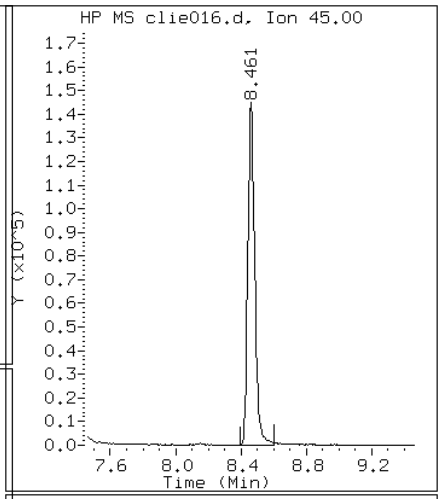
Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

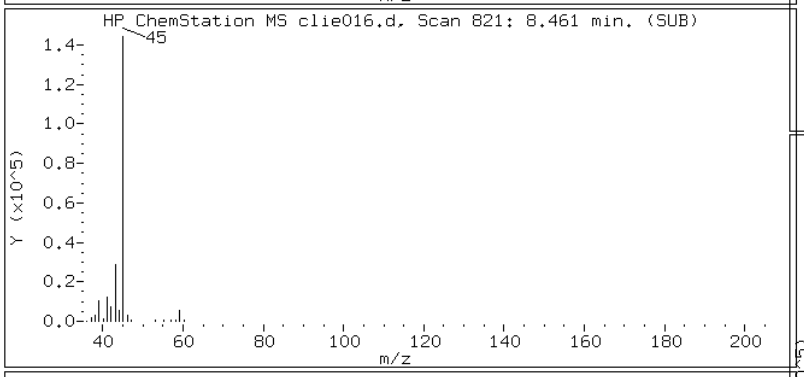
Client ID: 776VMP0201HC Instrument: C.i

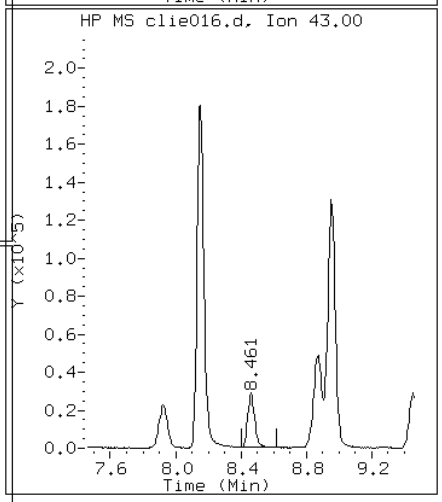
Sample Info: 280-39218-A-4 Operator: wrd

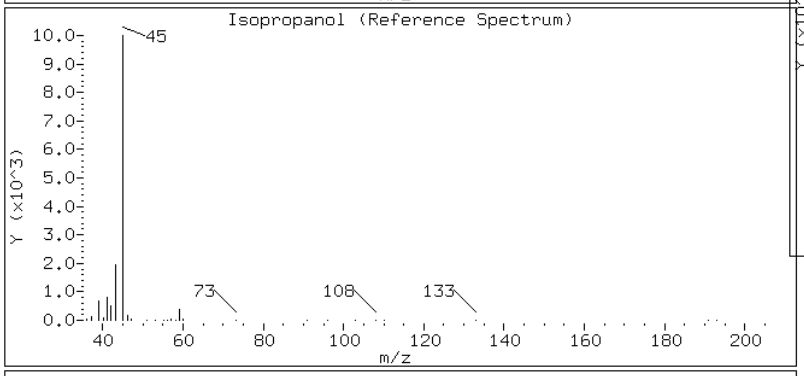
22 Isopropanol

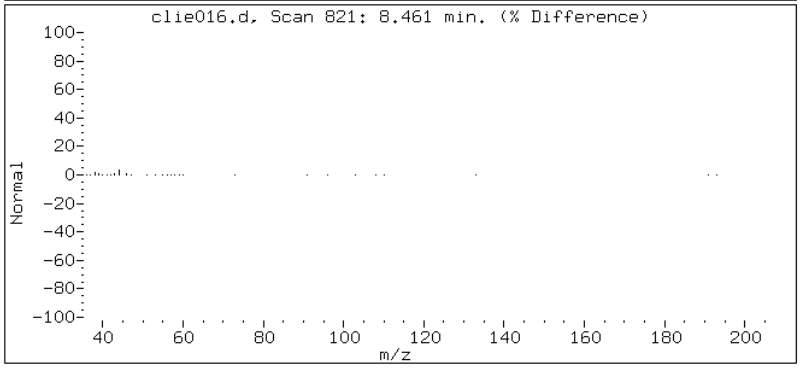












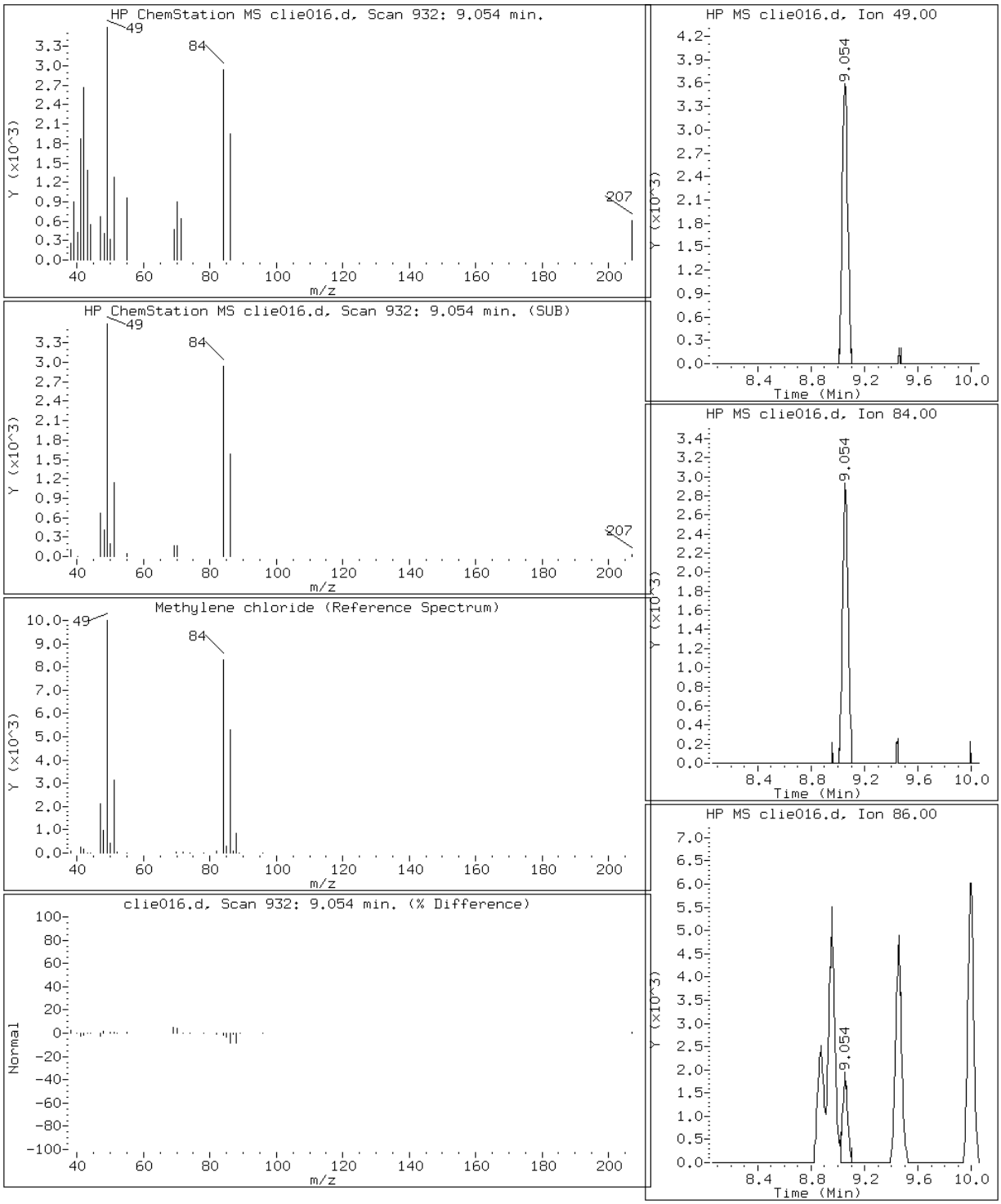
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

25 Methylene chloride



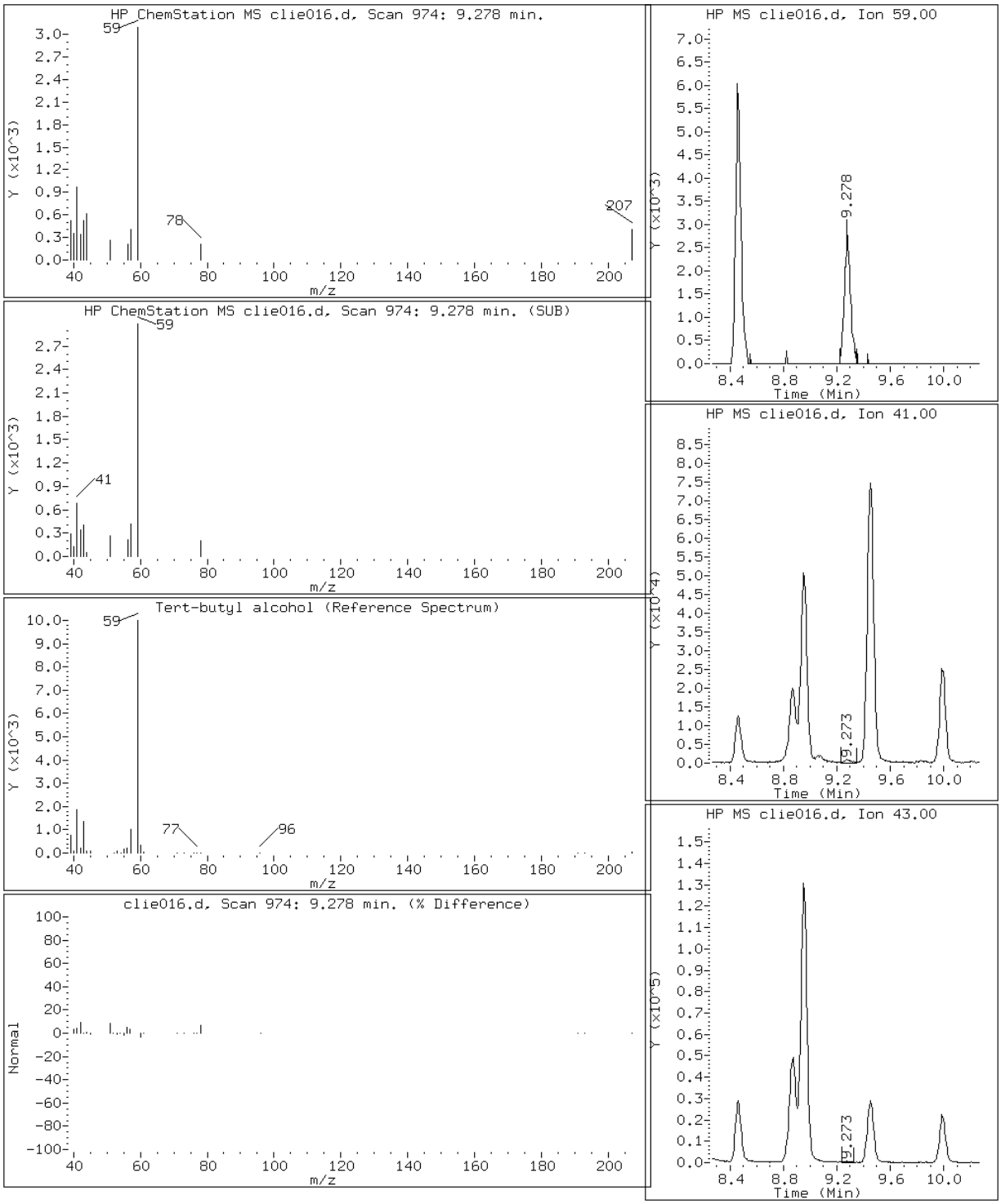
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

26 Tert-butyl alcohol



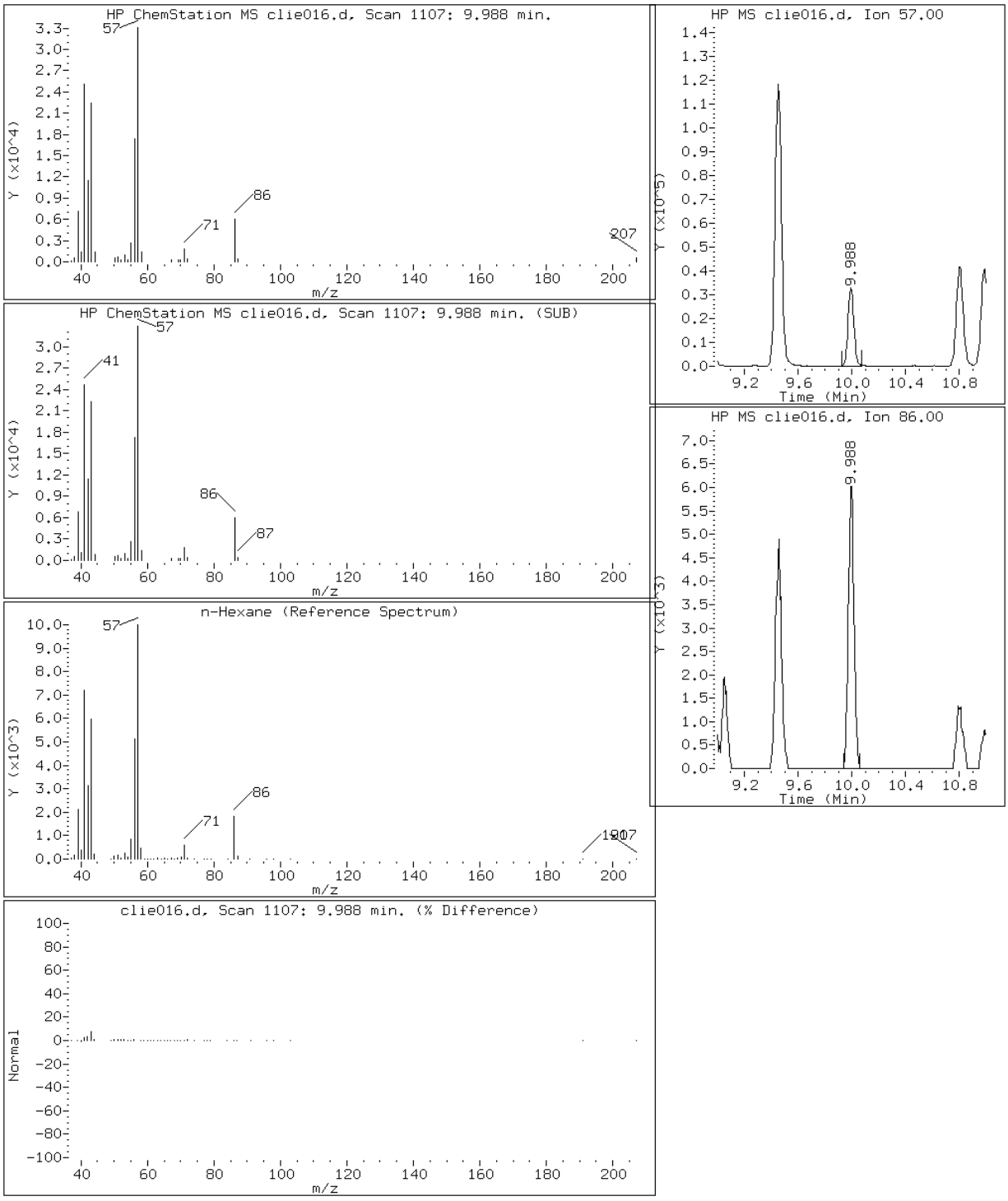
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

30 n-Hexane



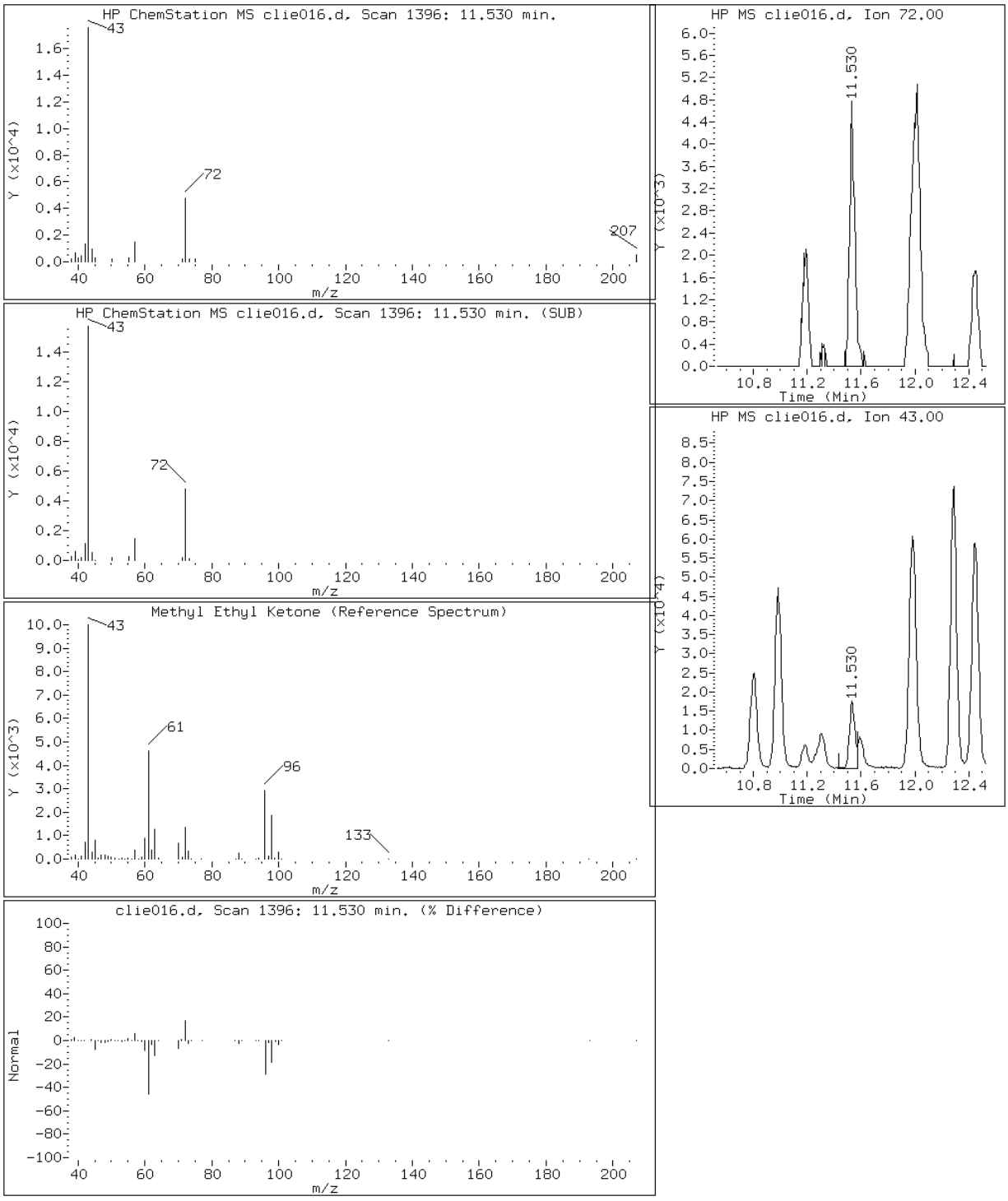
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

36 Methyl Ethyl Ketone



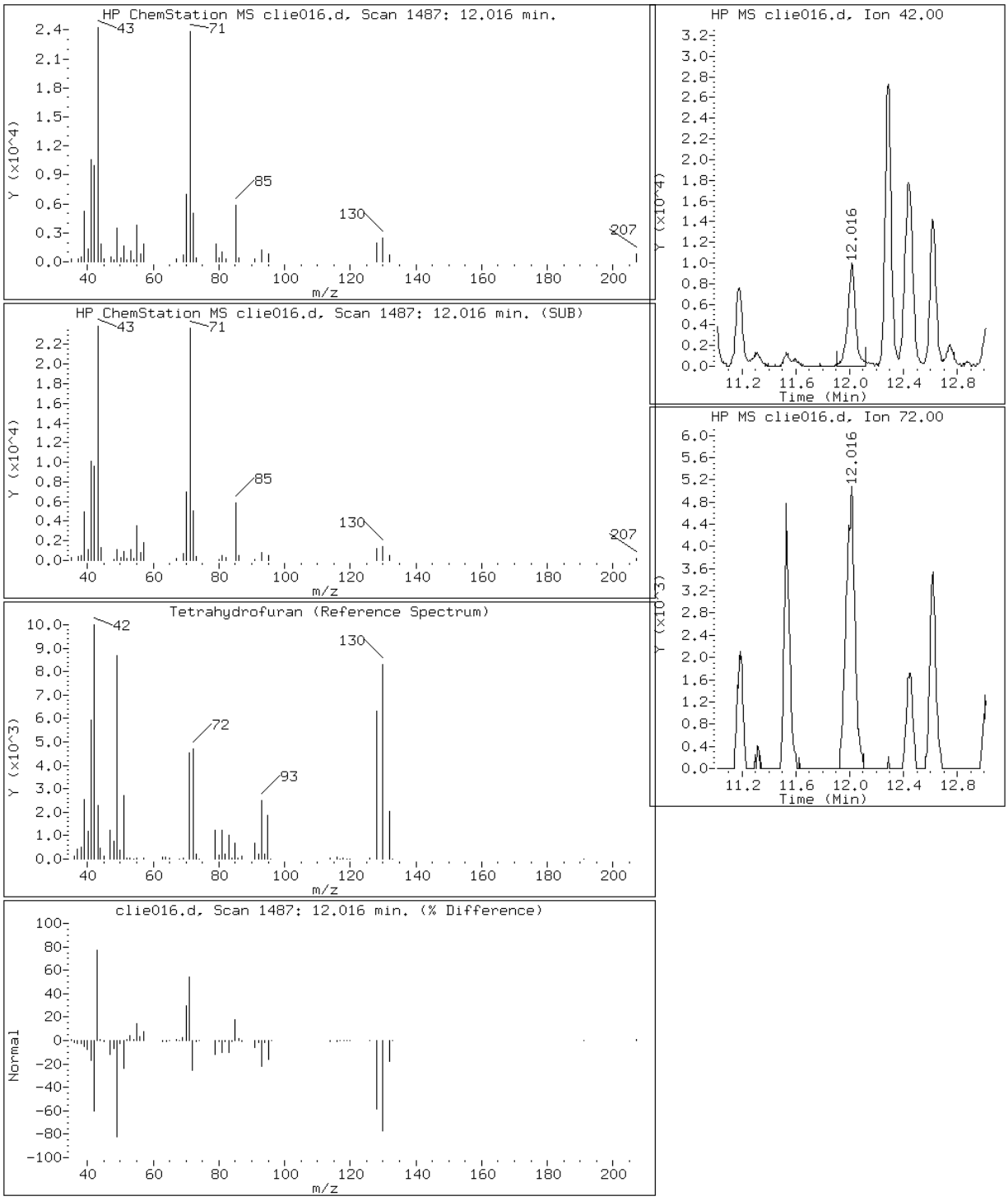
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

38 Tetrahydrofuran



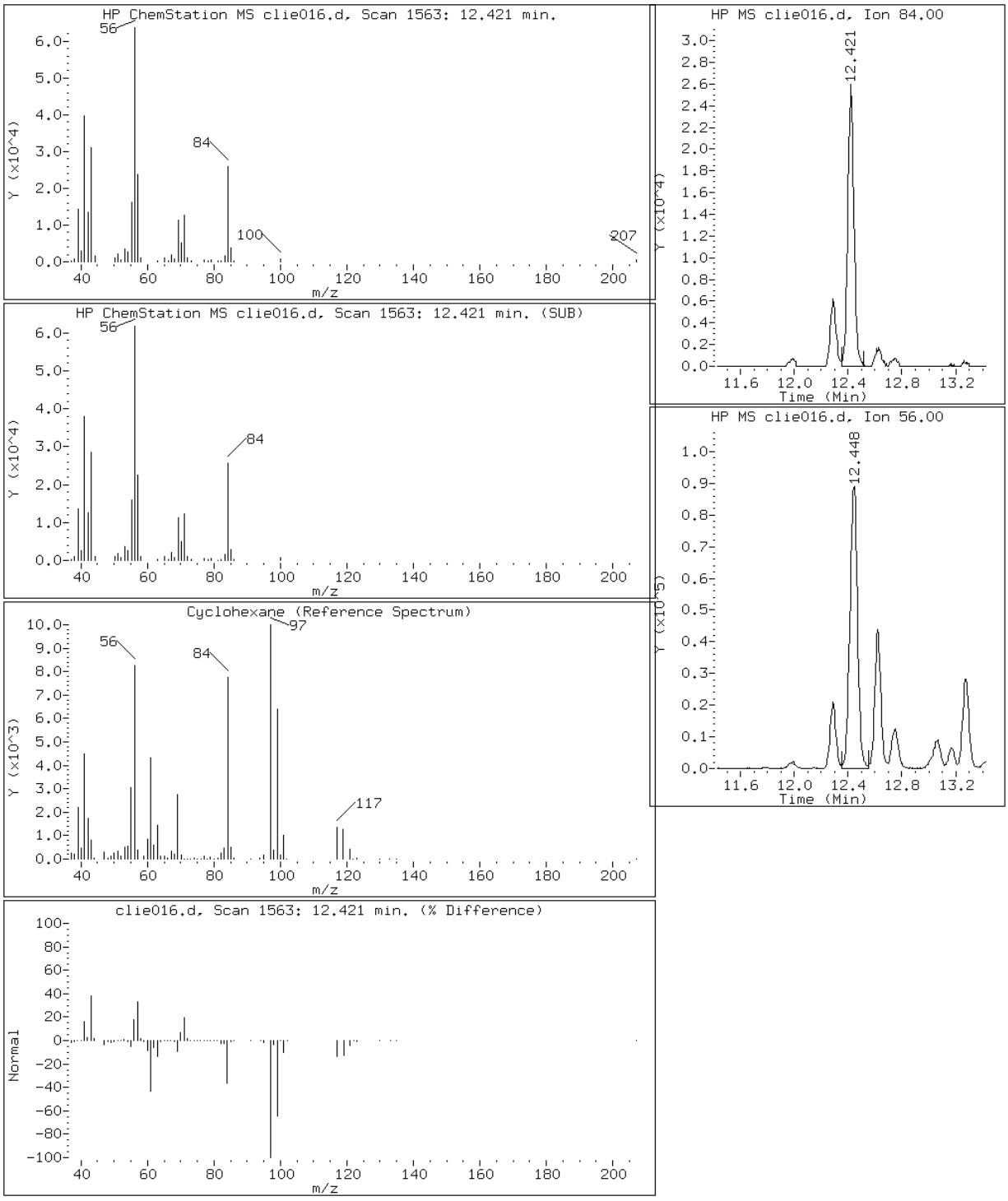
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

40 Cyclohexane



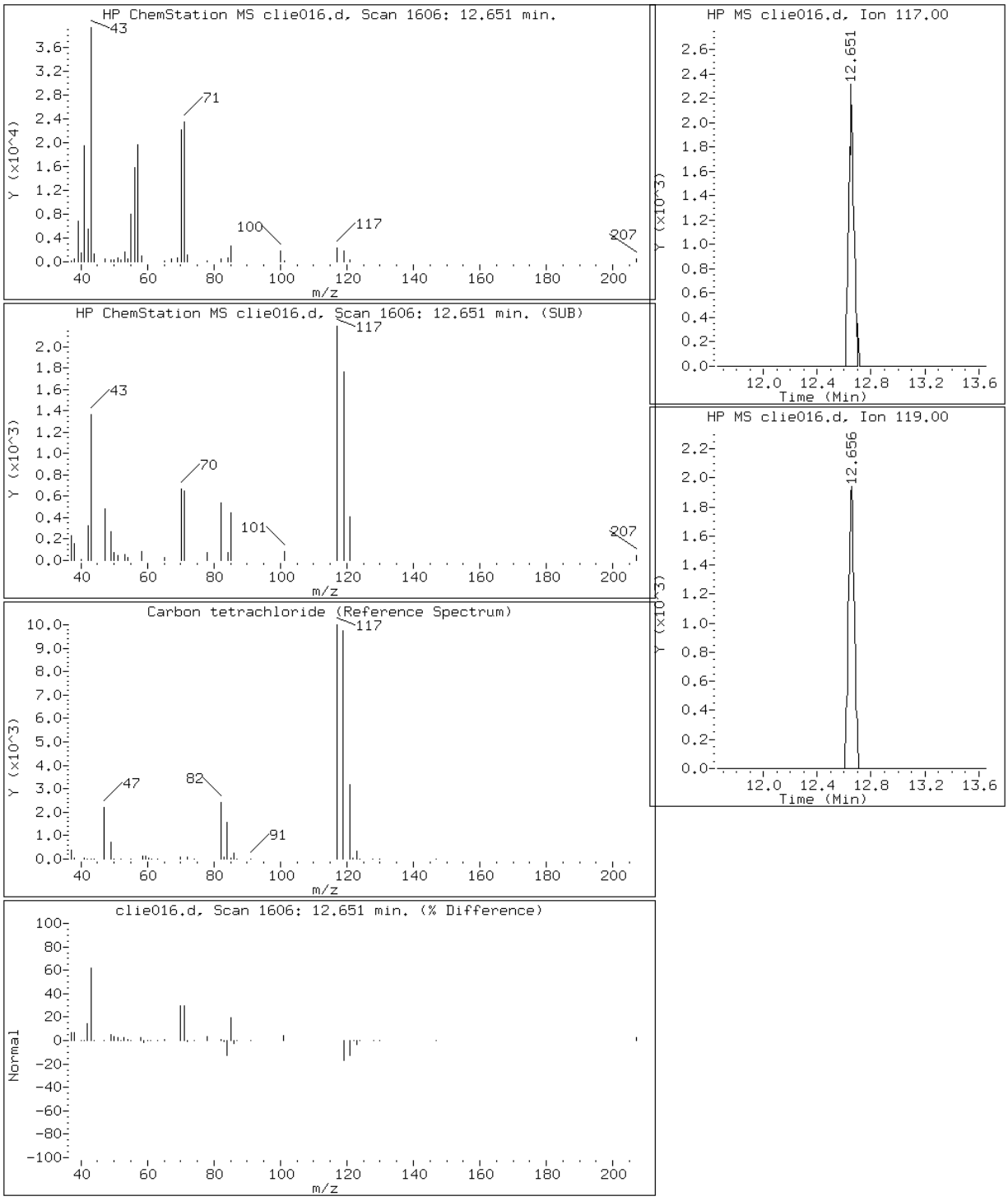
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

42 Carbon tetrachloride



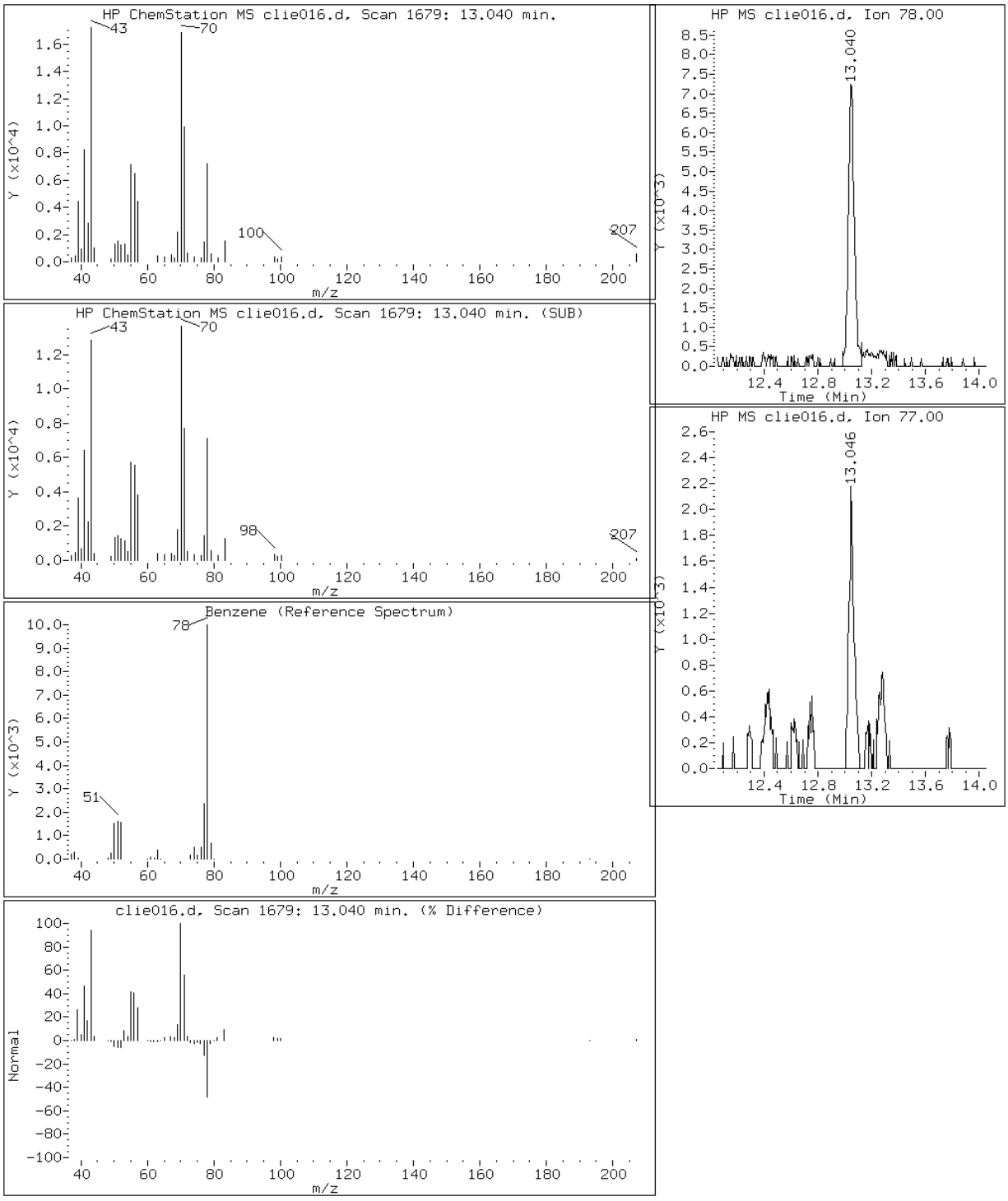
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

44 Benzene



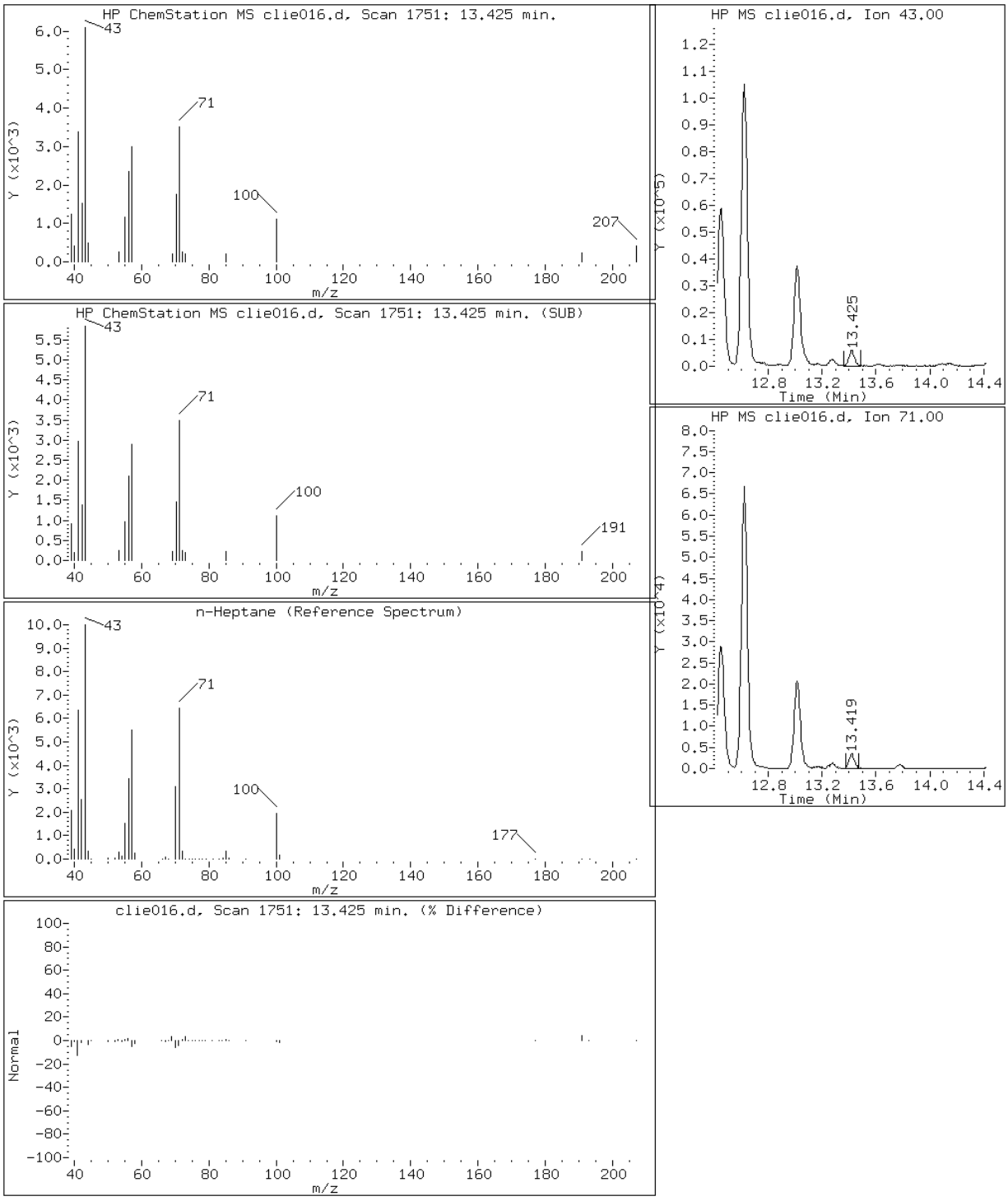
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

46 n-Heptane



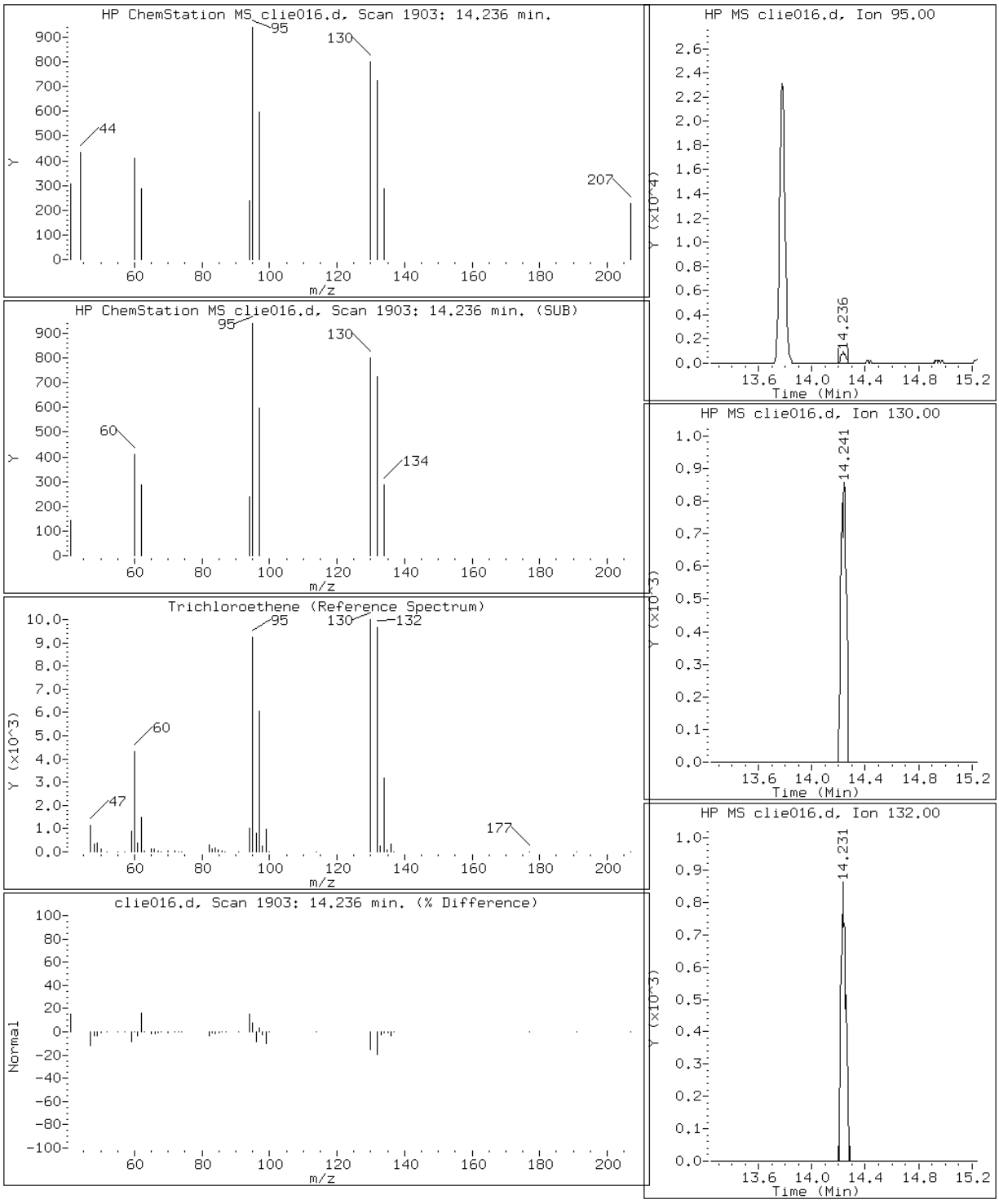
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

49 Trichloroethene



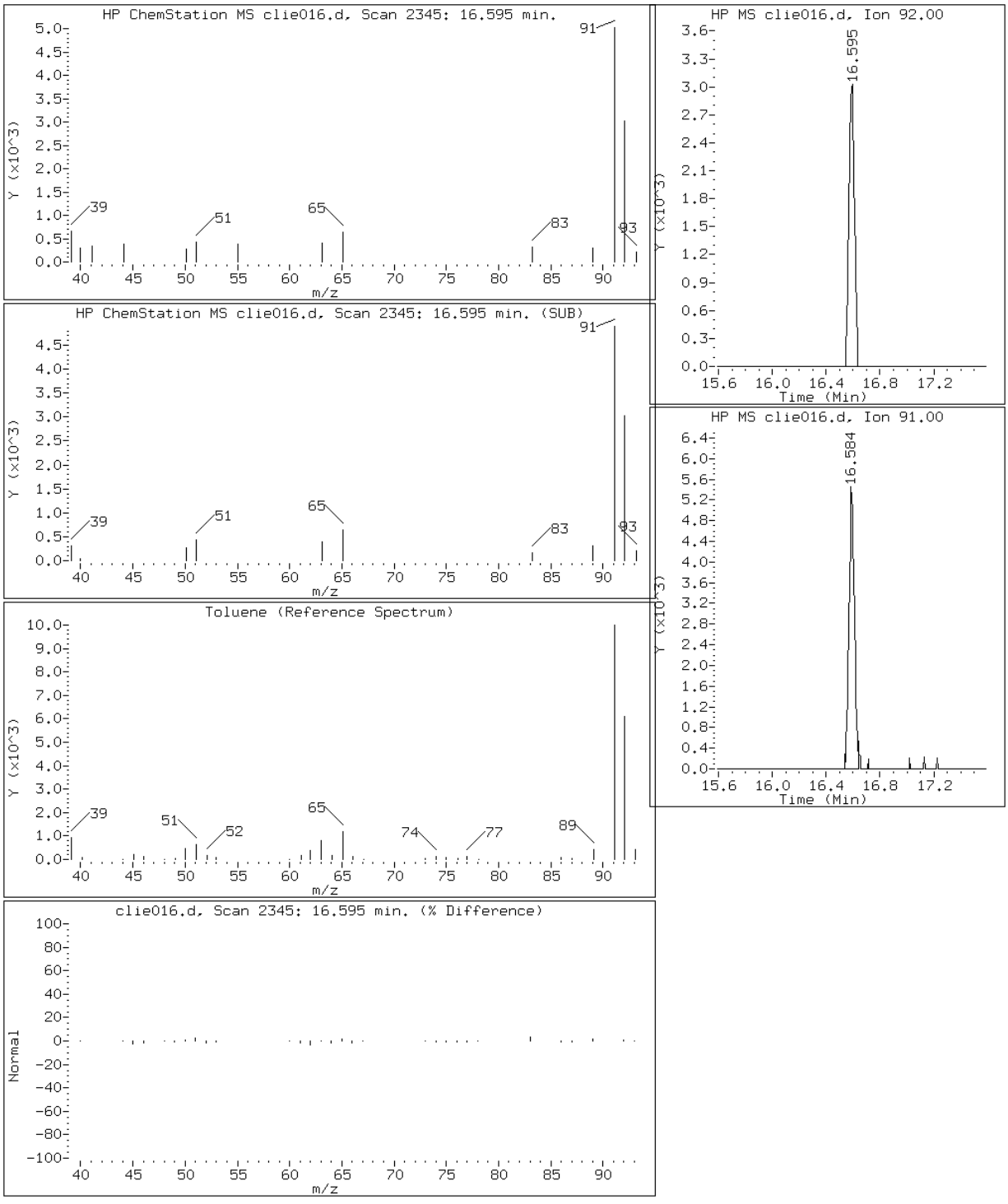
Data File: clie016.d

Lab Sample ID: 280-39218-4 Date: 15-MAR-2013 00:21

Client ID: 776VMP0201HC Instrument: C.i

Sample Info: 280-39218-A-4 Operator: wrd

58 Toluene



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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0101HA Lab Sample ID: 280-39218-5

Matrix: Air Lab File ID: clie017.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:20

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.59		0.50	0.020
75-45-6	Freon 22	86.47	15	Q	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.66		0.50	0.034
106-97-8	n-Butane	58.12	1.0		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.27		0.20	0.021
76-13-1	Freon TF	187.38	0.095	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	15		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	19		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.29	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.34	J	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.8		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.3		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	1.9		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.081	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.4		0.20	0.015
71-43-2	Benzene	78.11	0.27		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0101HA Lab Sample ID: 280-39218-5

Matrix: Air Lab File ID: clie017.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:20

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	2.0		0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.83		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.17	J	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.55		0.50	0.022
95-47-6	Xylene, o-	106.17	0.18	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.73		0.20	0.016
100-42-5	Styrene	104.15	0.048	J	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	J	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0101HA Lab Sample ID: 280-39218-5

Matrix: Air Lab File ID: clie017.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:20

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0101HA Lab Sample ID: 280-39218-5

Matrix: Air Lab File ID: clie017.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:20

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.9		2.5	0.099
75-45-6	Freon 22	86.47	52	Q	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.4		1.0	0.070
106-97-8	n-Butane	58.12	2.4		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.12
76-13-1	Freon TF	187.38	0.73	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	37		12	0.95
67-63-0	Isopropyl alcohol	60.10	46		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.0	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	1.0	J	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	9.8		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	3.9		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	6.6		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.51	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	6.5		0.93	0.070
71-43-2	Benzene	78.11	0.87		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0101HA Lab Sample ID: 280-39218-5

Matrix: Air Lab File ID: clie017.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:20

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	8.3		0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	3.1		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.76	J	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.4		2.2	0.096
95-47-6	Xylene, o-	106.17	0.78	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	3.2		0.87	0.069
100-42-5	Styrene	104.15	0.20	J	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.66	J	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0101HA Lab Sample ID: 280-39218-5

Matrix: Air Lab File ID: clie017.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:20

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-5
Client Smp ID: 776VMP0101HA
Inj Date : 15-MAR-2013 01:14
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-5
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	57553	0.59133	0.59
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	773628	14.7340	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.774	4.779	(0.399)	19366	0.66060	0.66
6 Butane	43	5.035	5.046	(0.421)	48371	0.99626	1.00
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.775	6.785	(0.567)	25743	0.26869	0.27
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.933	7.944	(0.664)	5924	0.09472	0.095(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.147	8.157	(0.682)	595326	15.3672	15
21 Carbon disulfide	76	Compound Not Detected.					

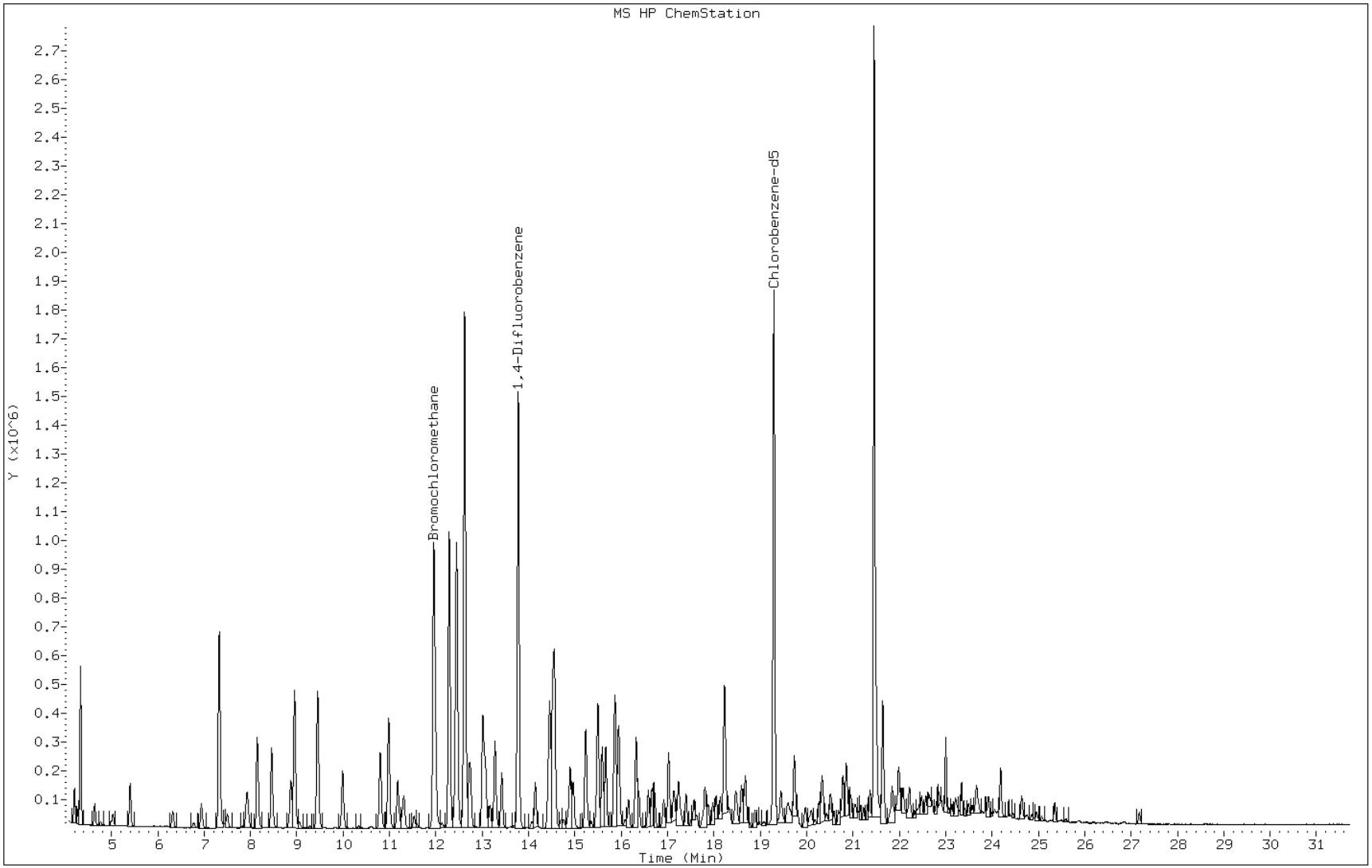
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.456	8.461	(0.708)	533142	18.8163	19
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.048	9.059	(0.757)	9985	0.28770	0.29(a)
	26 Tert-butyl alcohol	59	9.283	9.267	(0.777)	13807	0.33659	0.34(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.988	9.998	(0.836)	148892	2.76997	2.8
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	19385	1.31824	1.3(Q)
*	37 Bromochloromethane	128	11.952	11.957	(1.000)	284883	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	12.421	12.427	(0.902)	96007	1.90406	1.9(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	12.656	12.656	(0.919)	7312	0.08142	0.081(aQ)
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	238063	1.38779	1.4(Q)
	44 Benzene	78	13.046	13.051	(0.947)	32393	0.27337	0.27
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	13.419	13.419	(0.974)	126207	2.02146	2.0
*	47 1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1705673	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.584	16.589	(0.859)	67612	0.82617	0.83
	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	19.295	19.295	(1.000)	1592689	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	19.503	19.509	(1.011)	29940	0.17438	0.17(a)
	69 Xylene (m,p)	106	19.738	19.743	(1.023)	35505	0.54975	0.55
M	70 Xylenes, Total	106				46738	0.72972	0.73
	71 Xylene (o)	106	20.501	20.512	(1.062)	11233	0.17997	0.18(a)
	72 Styrene	104	20.533	20.544	(1.064)	4334	0.04763	0.048(a)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	20731	0.13365	0.13(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clie017.d	Date:	15-MAR-2013 01:14
Client ID:	776VMP0101HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-5		
Lab Sample ID:	280-39218-5		



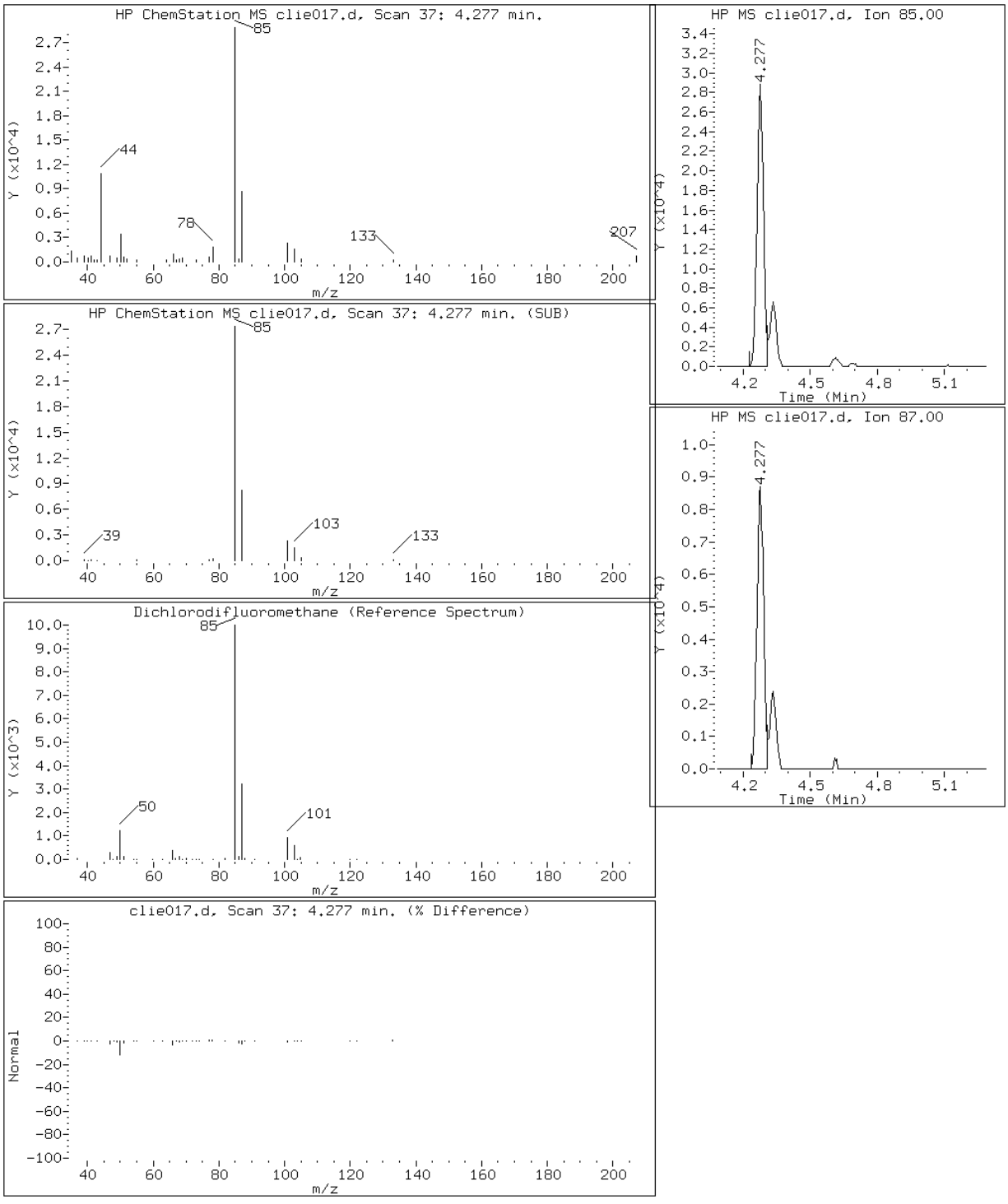
Data File: clie017.d

Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

2 Dichlorodifluoromethane



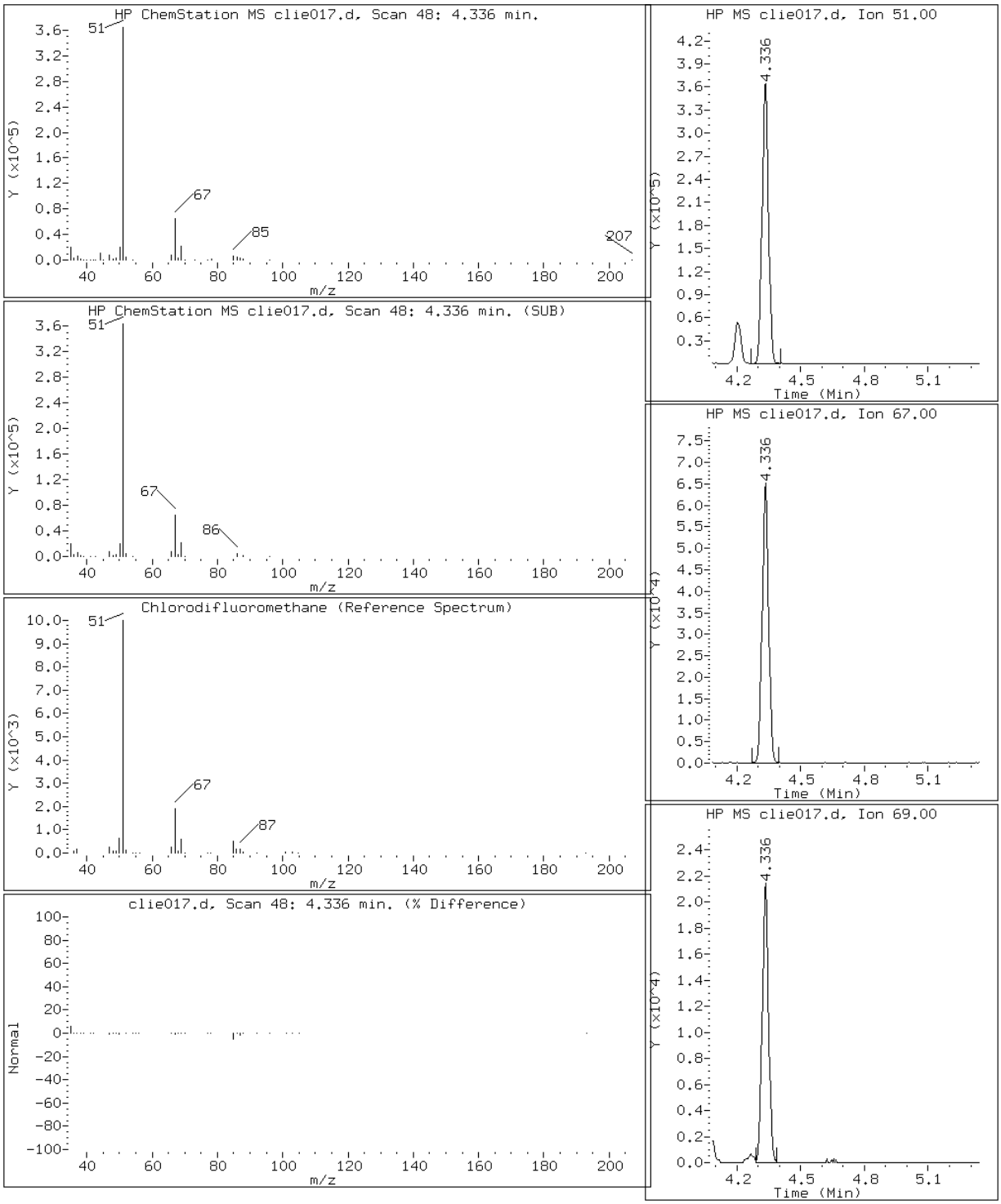
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

3 Chlorodifluoromethane



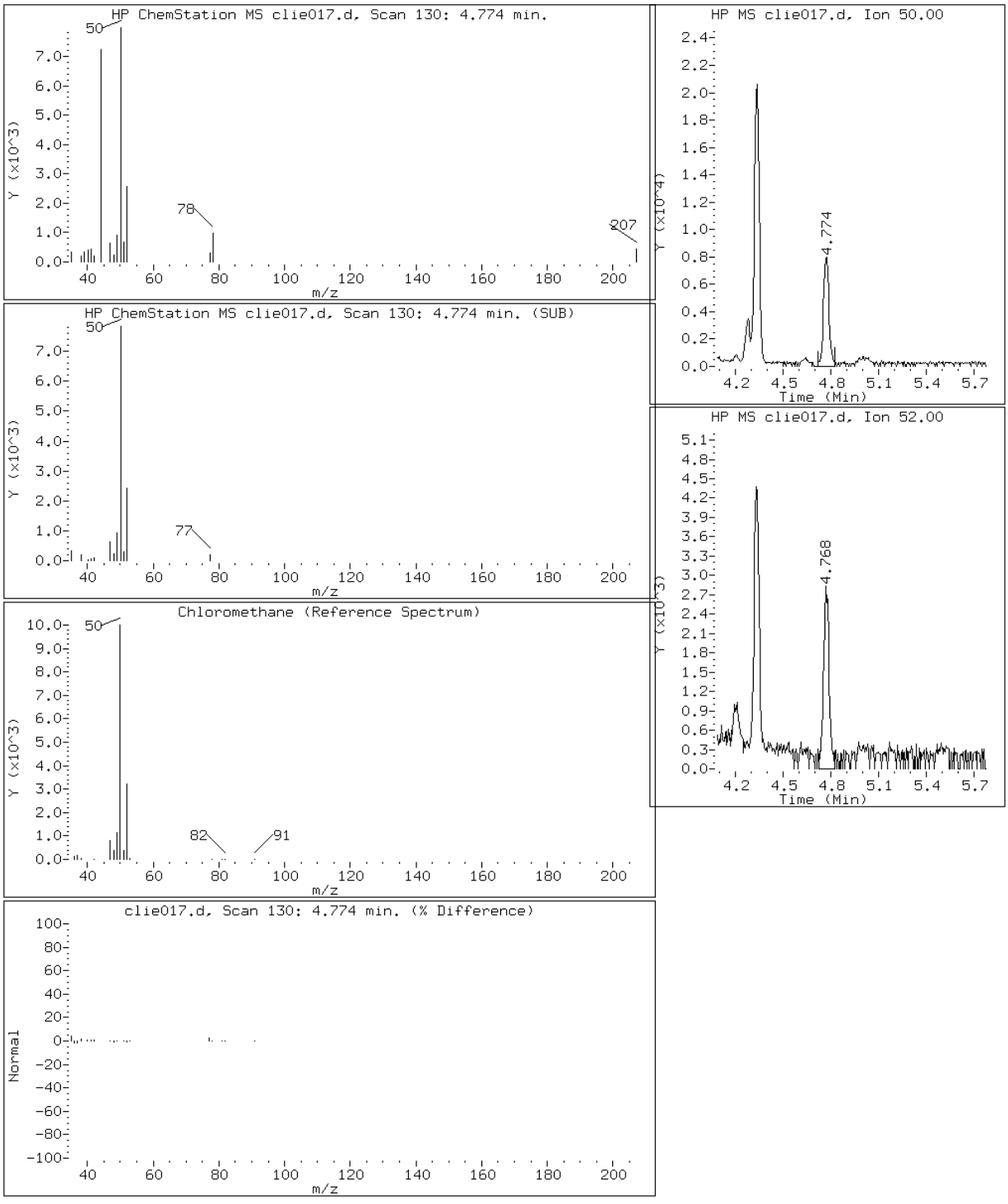
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

5 Chloromethane



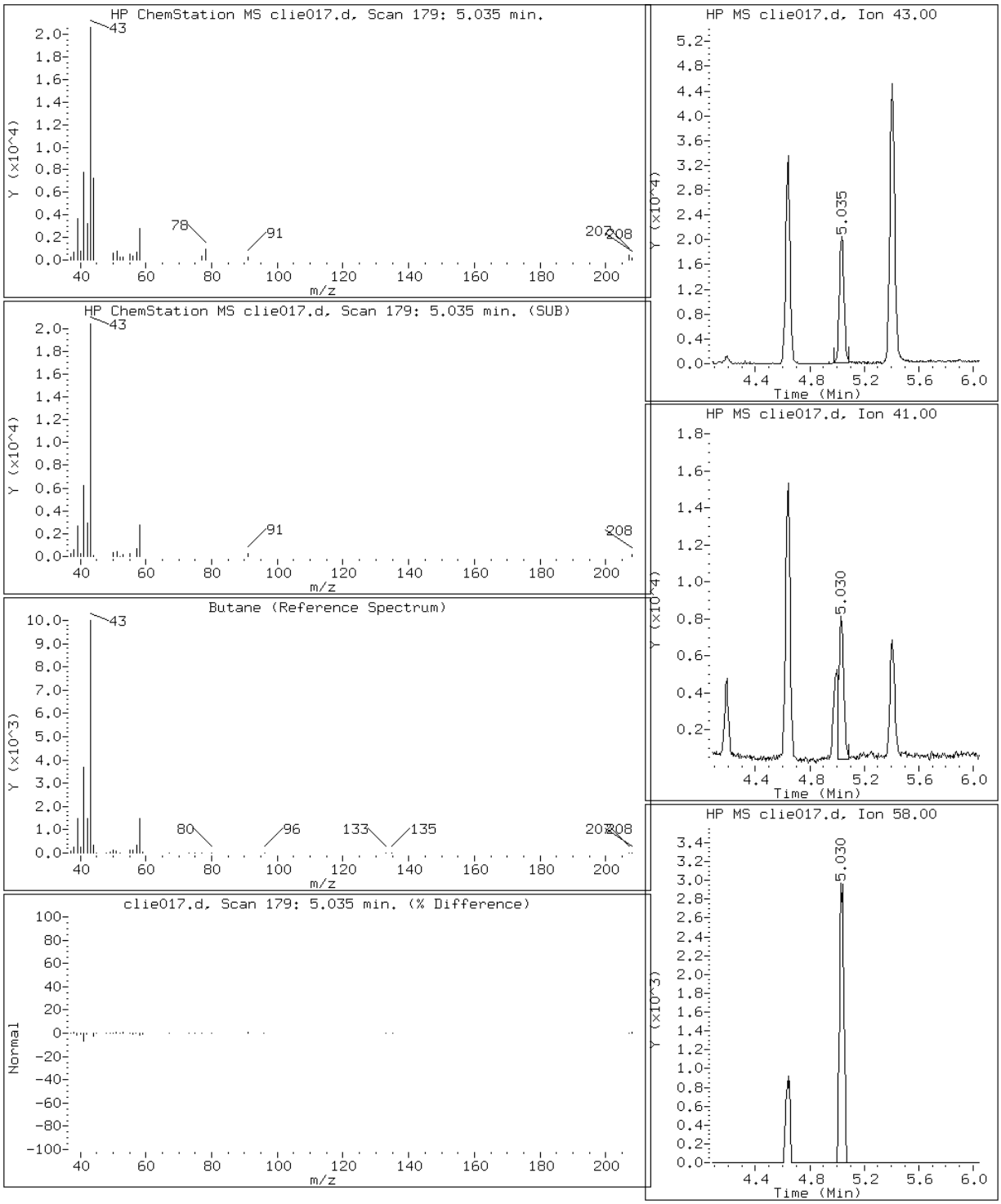
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

6 Butane



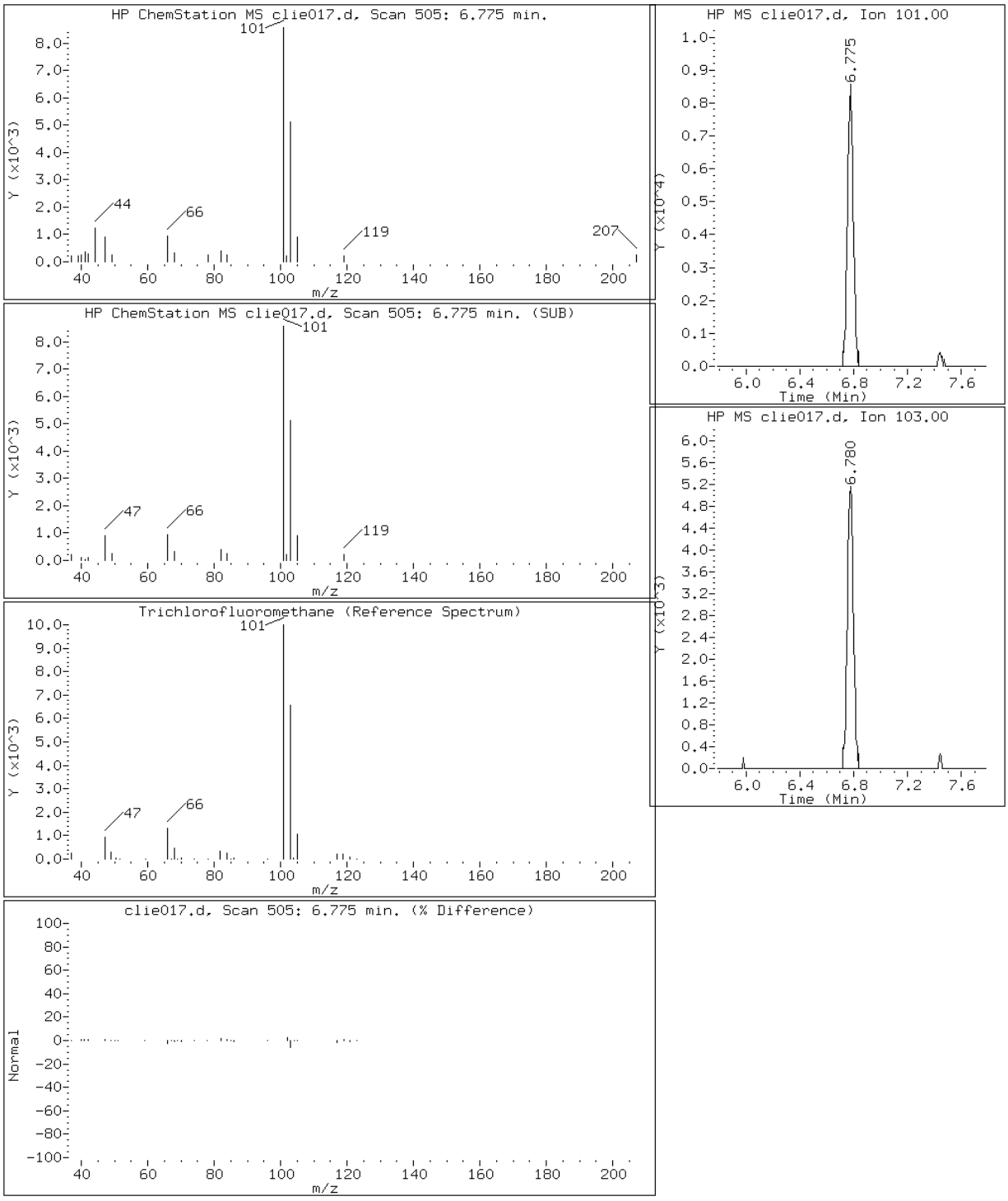
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

13 Trichlorofluoromethane



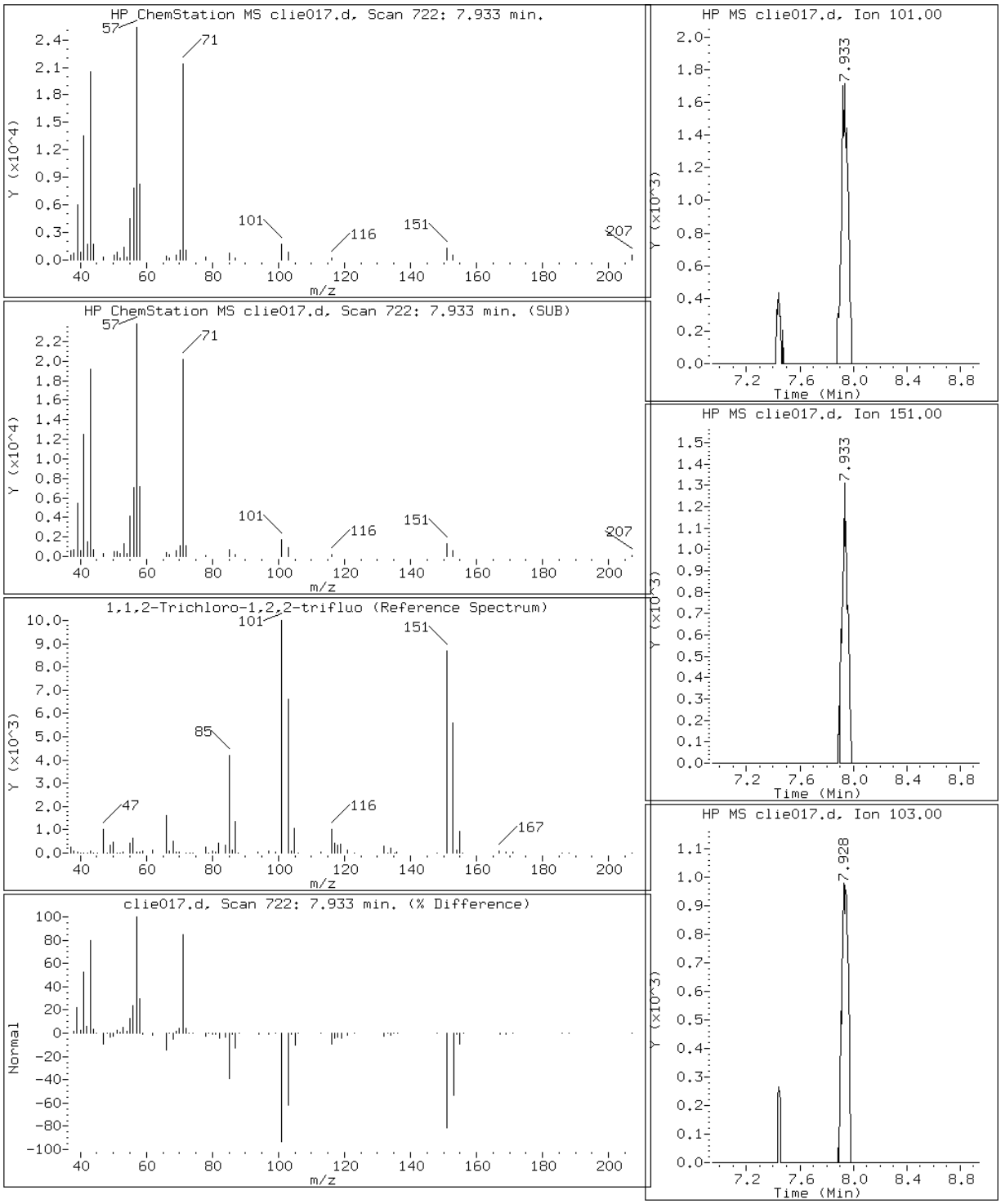
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



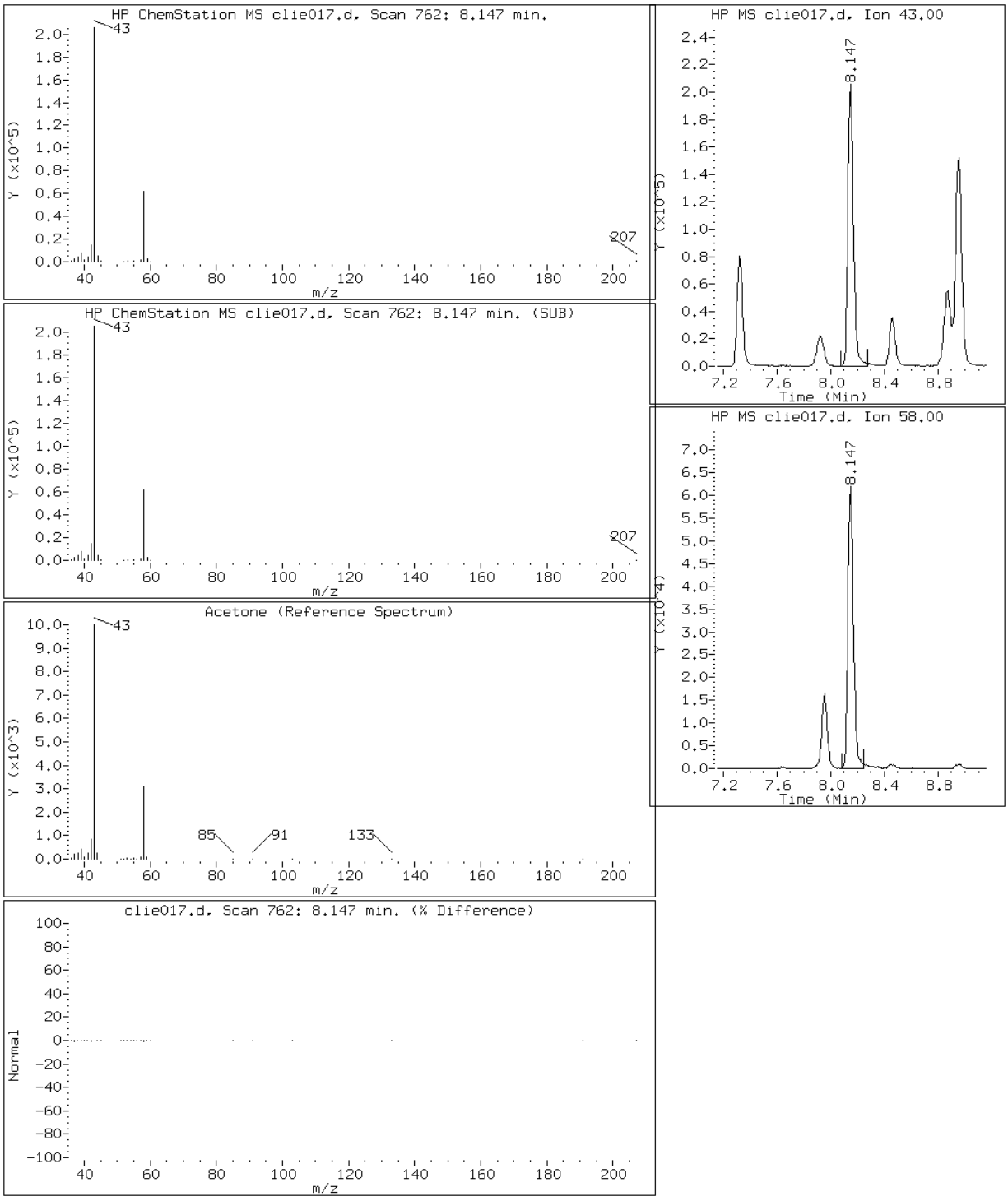
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

20 Acetone



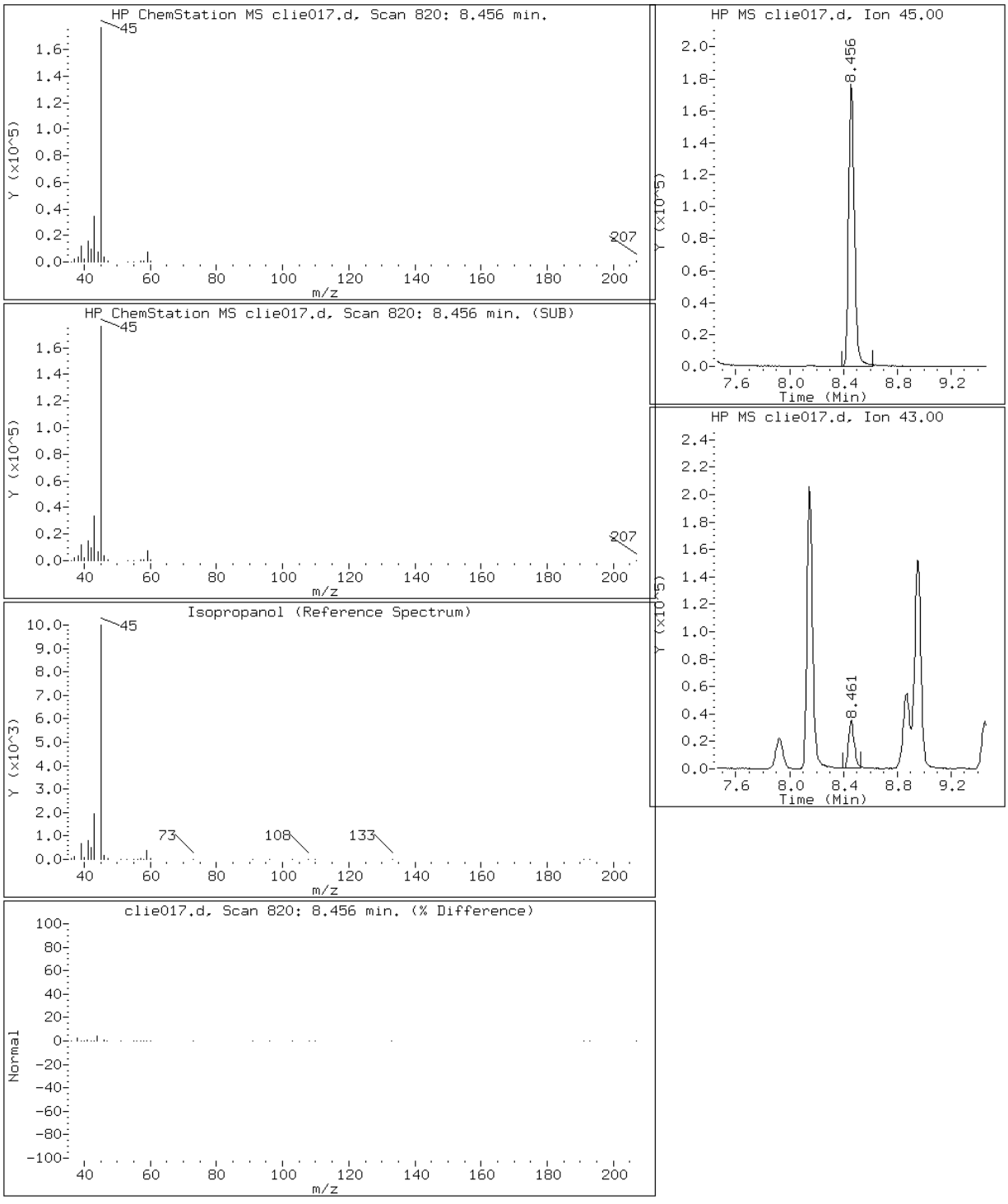
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

22 Isopropanol



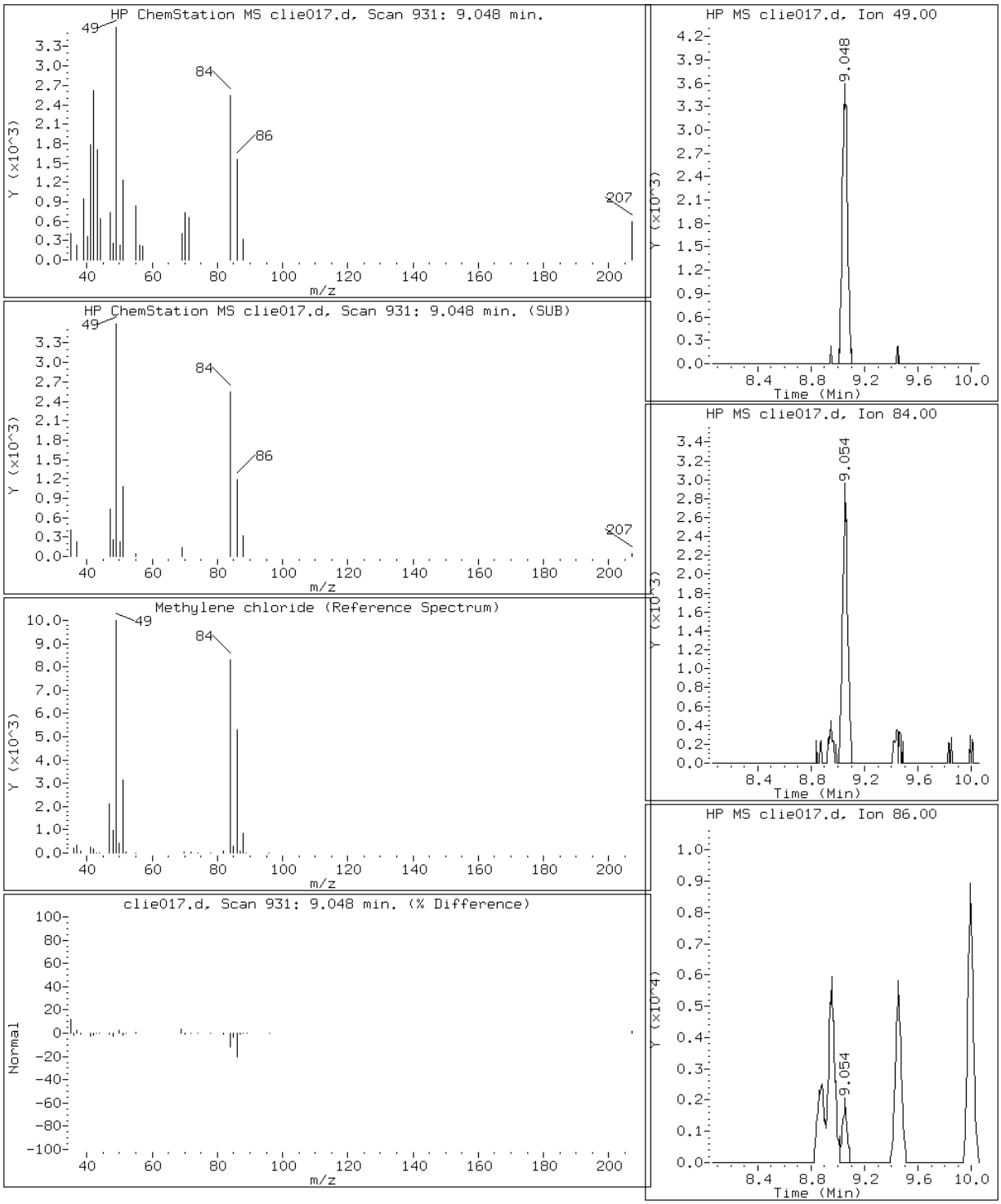
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

25 Methylene chloride



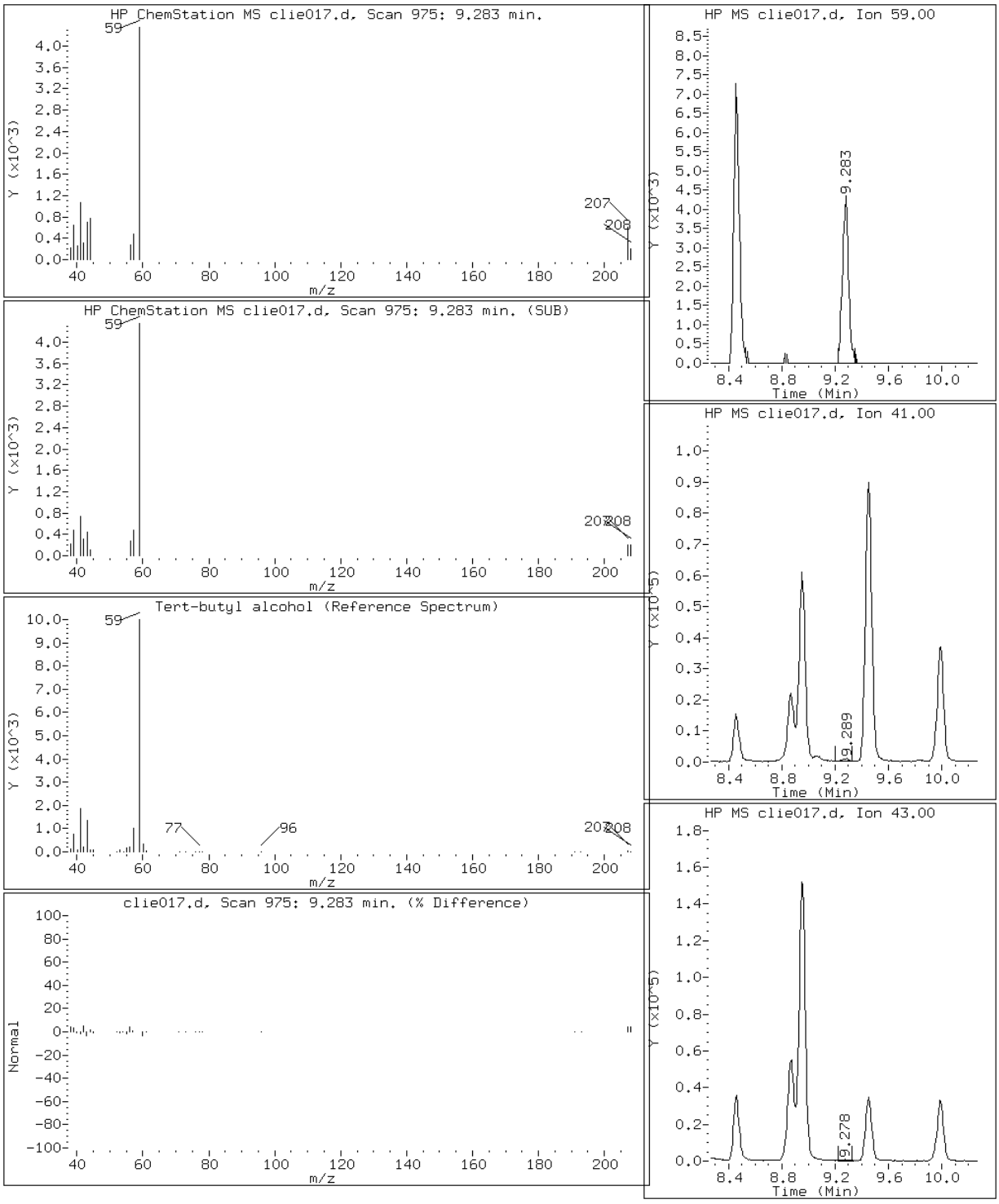
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

26 Tert-butyl alcohol



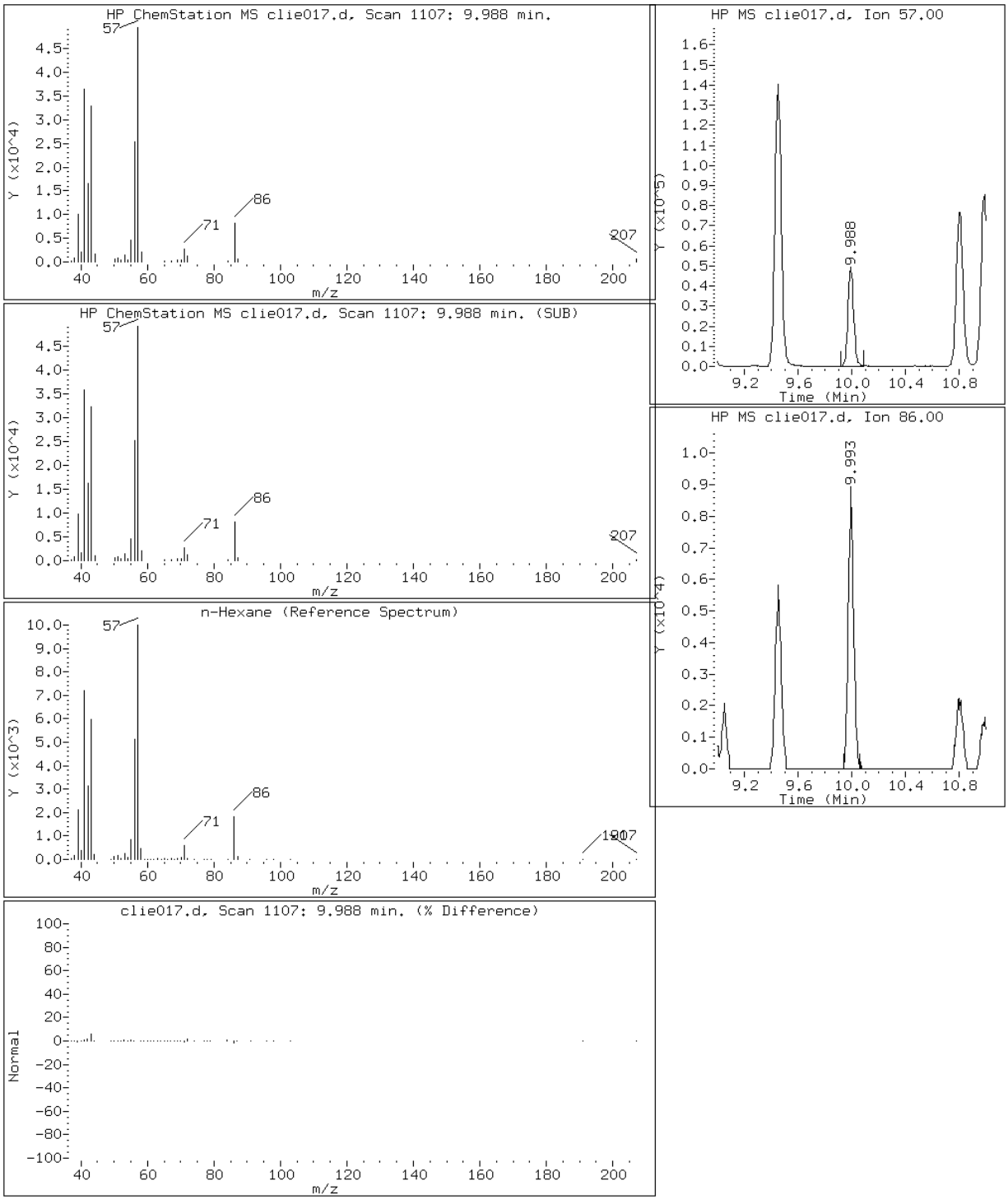
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

30 n-Hexane



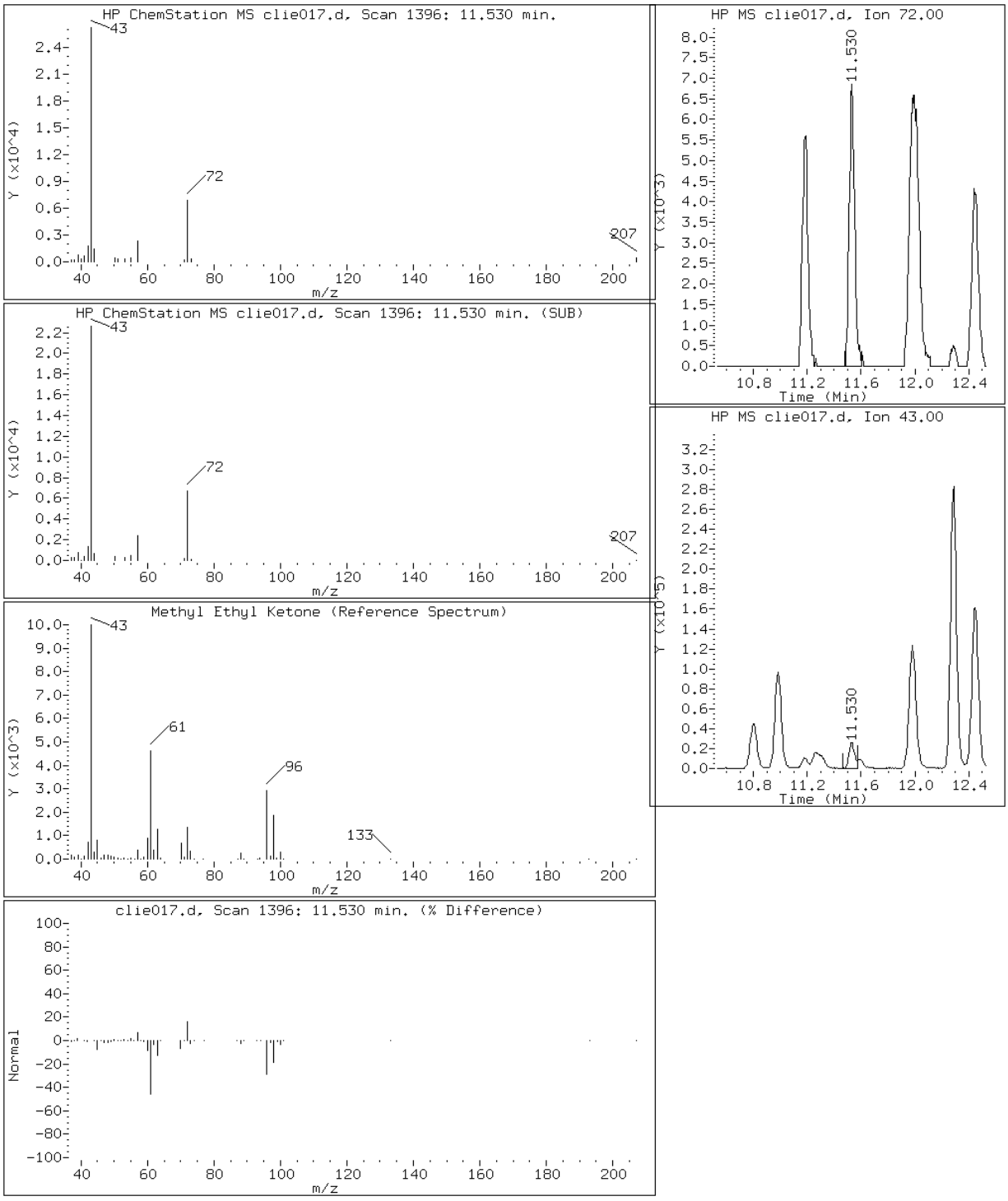
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

36 Methyl Ethyl Ketone



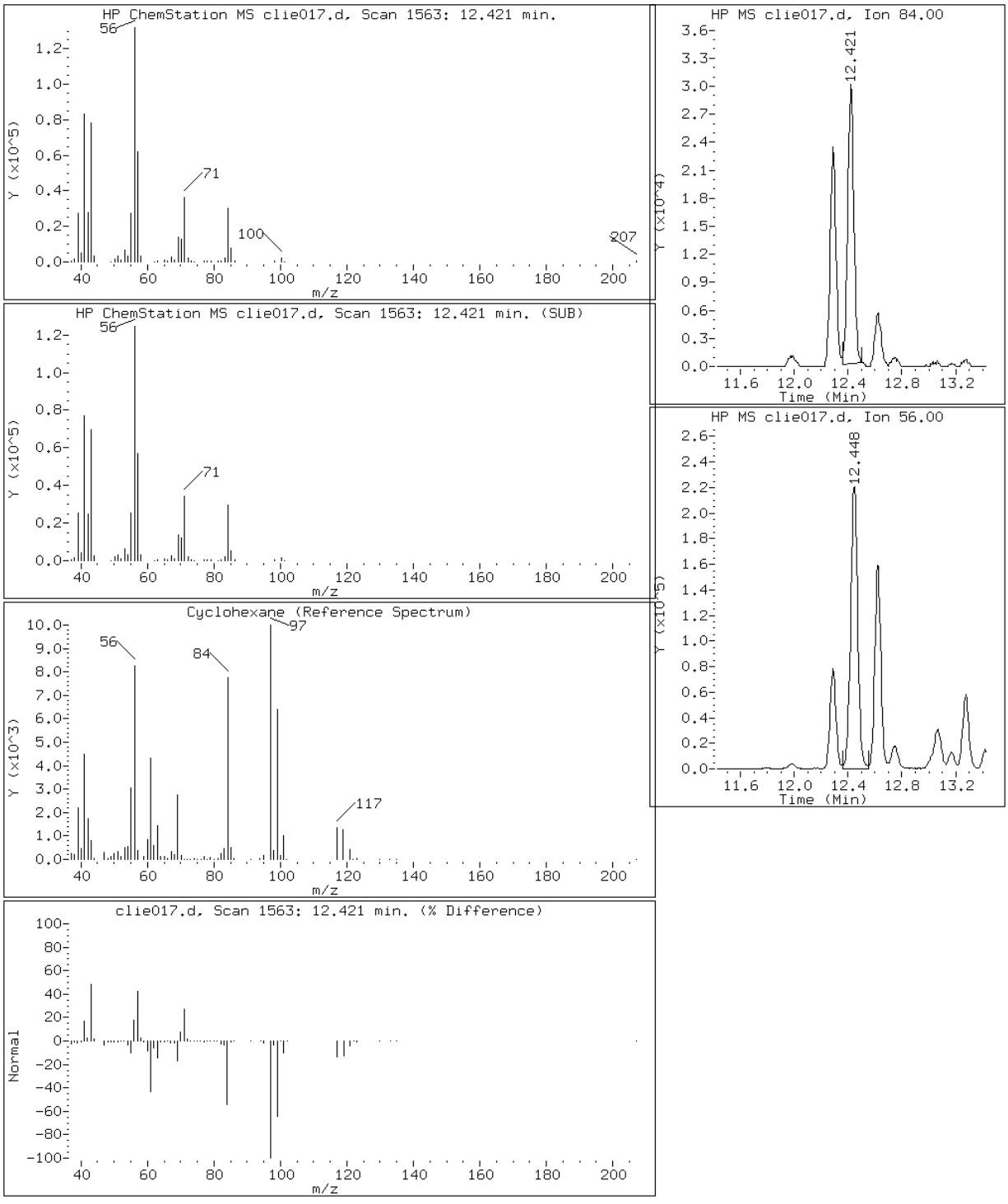
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

40 Cyclohexane



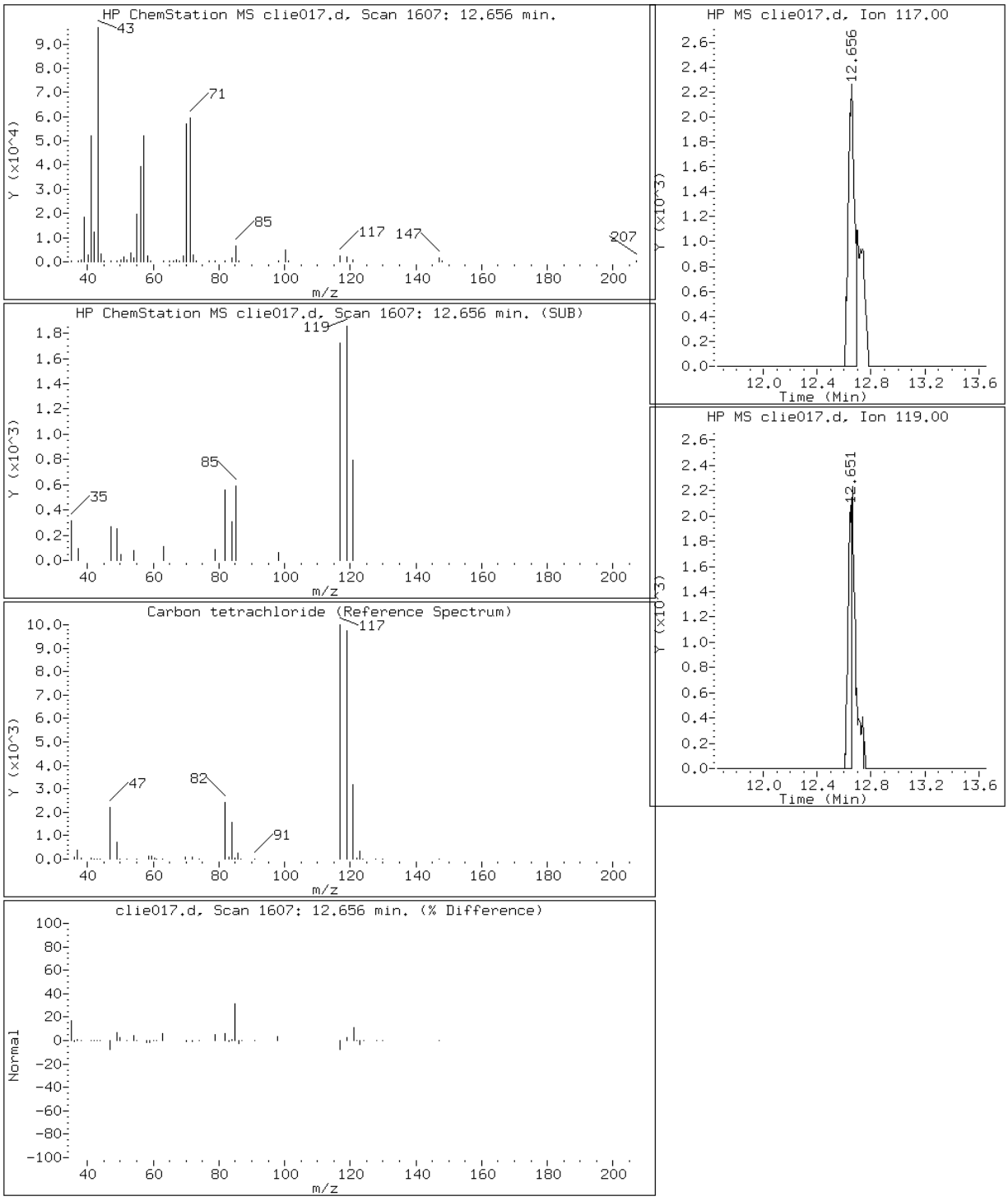
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

42 Carbon tetrachloride



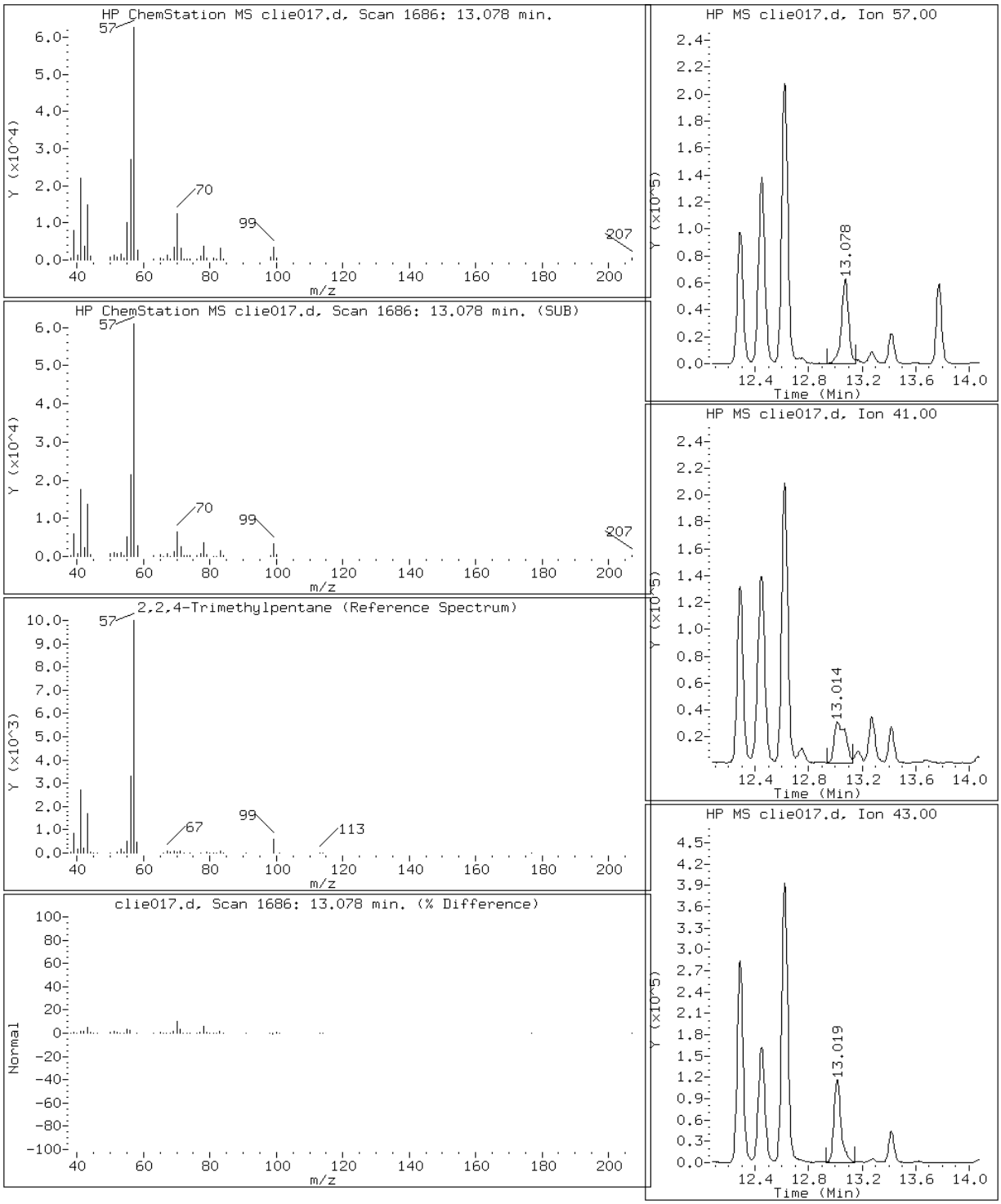
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

43 2,2,4-Trimethylpentane



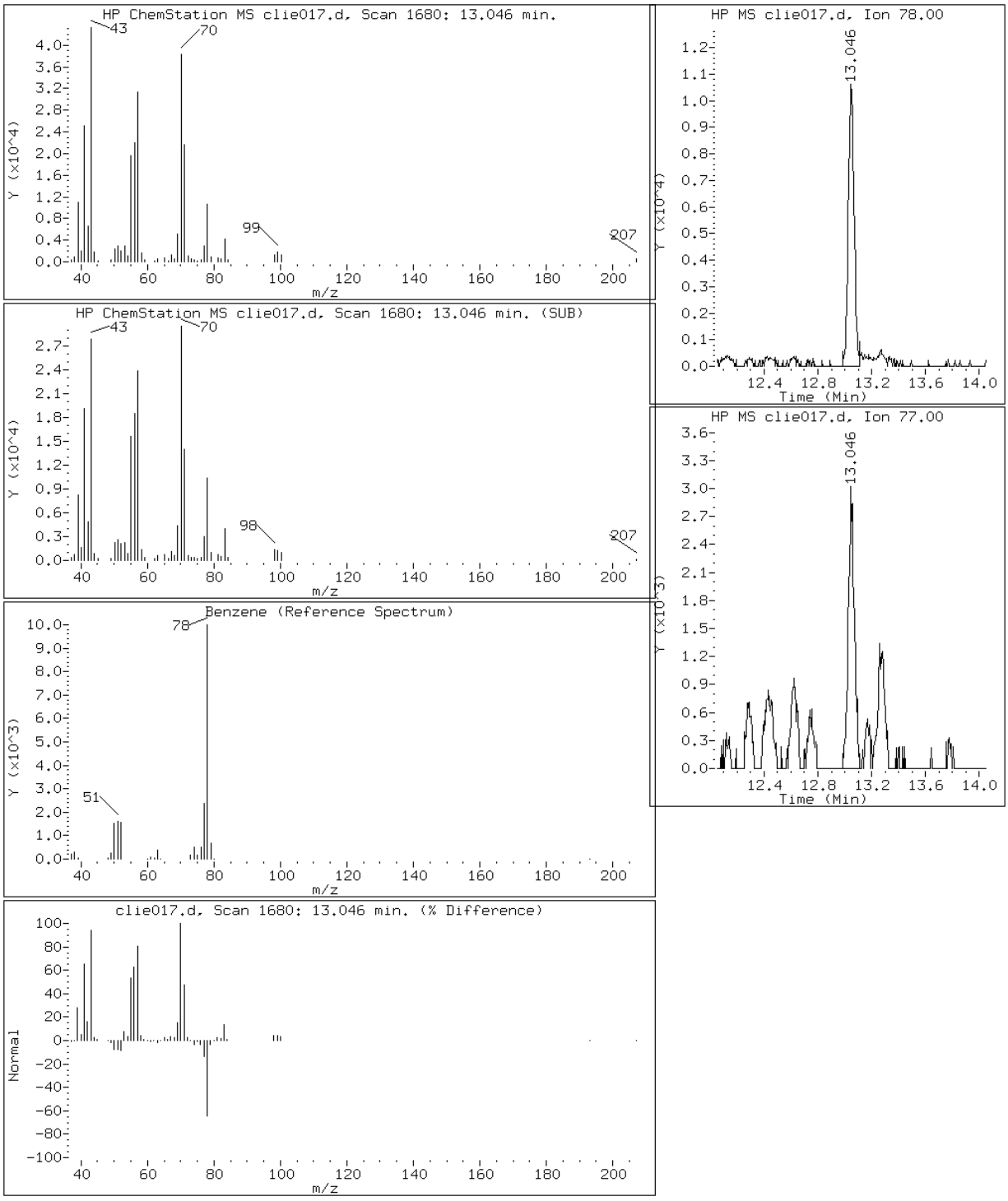
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

44 Benzene



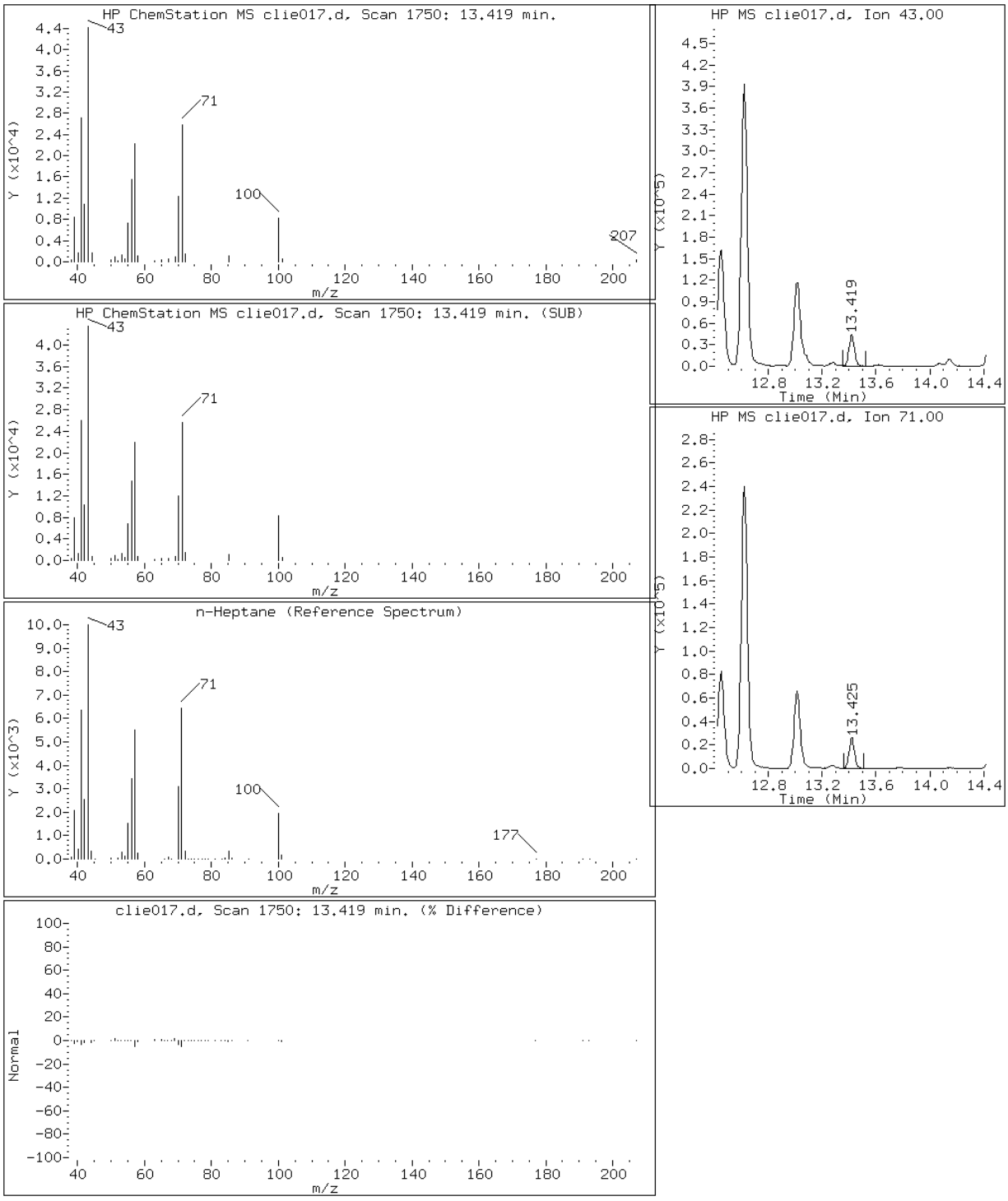
Data File: clie017.d

Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

46 n-Heptane



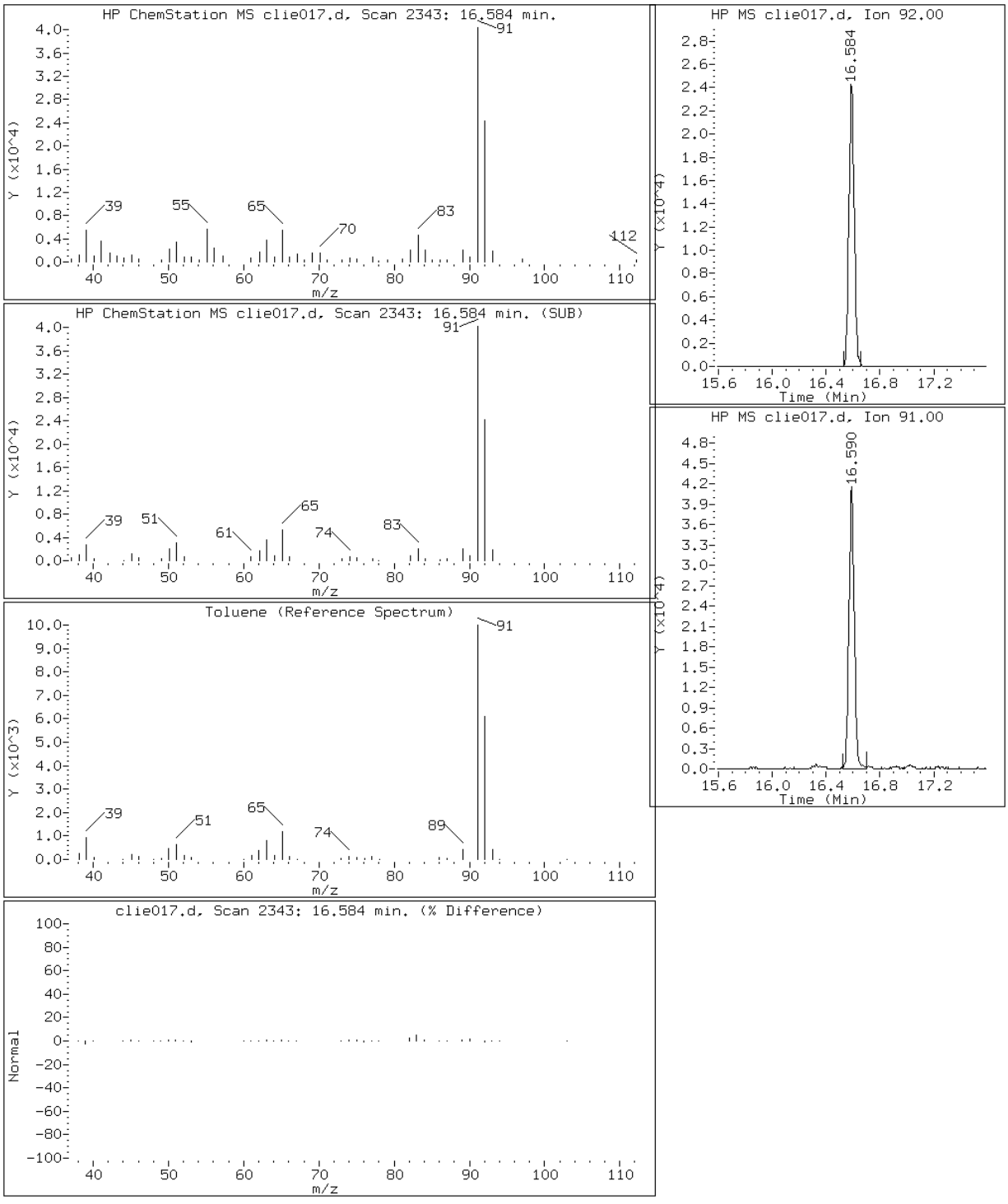
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Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

58 Toluene



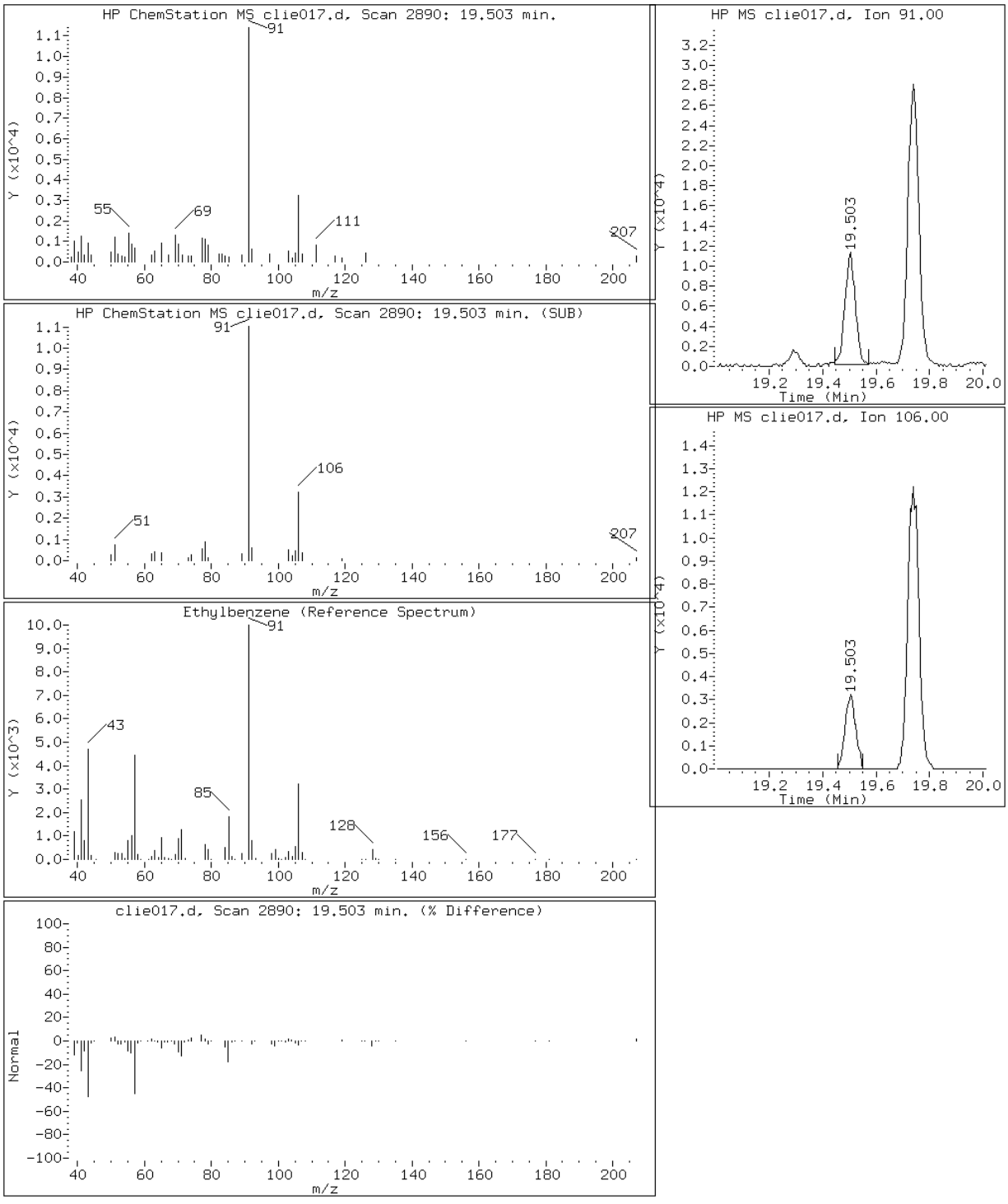
Data File: clie017.d

Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

68 Ethylbenzene



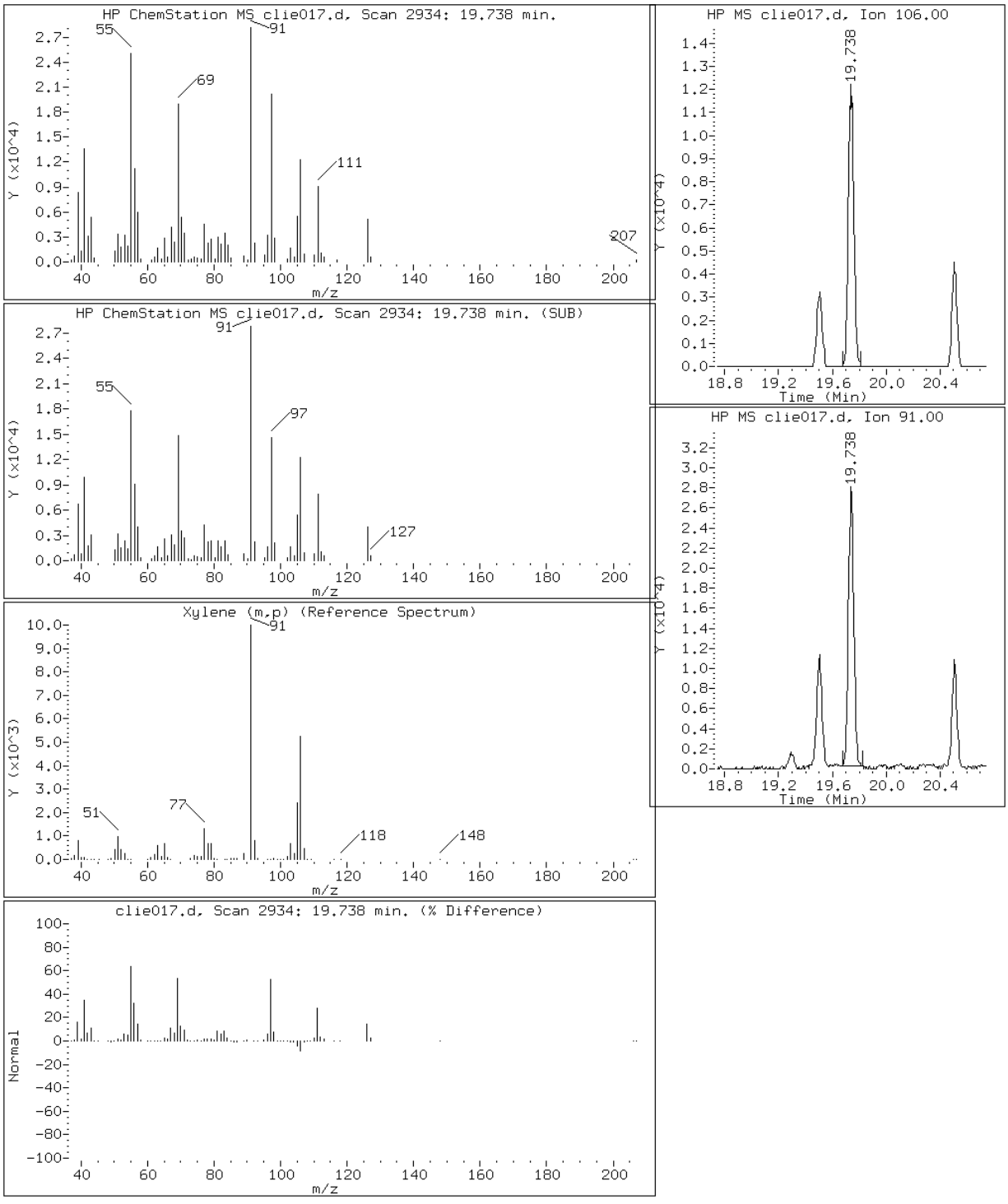
Data File: clie017.d

Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

69 Xylene (m,p)



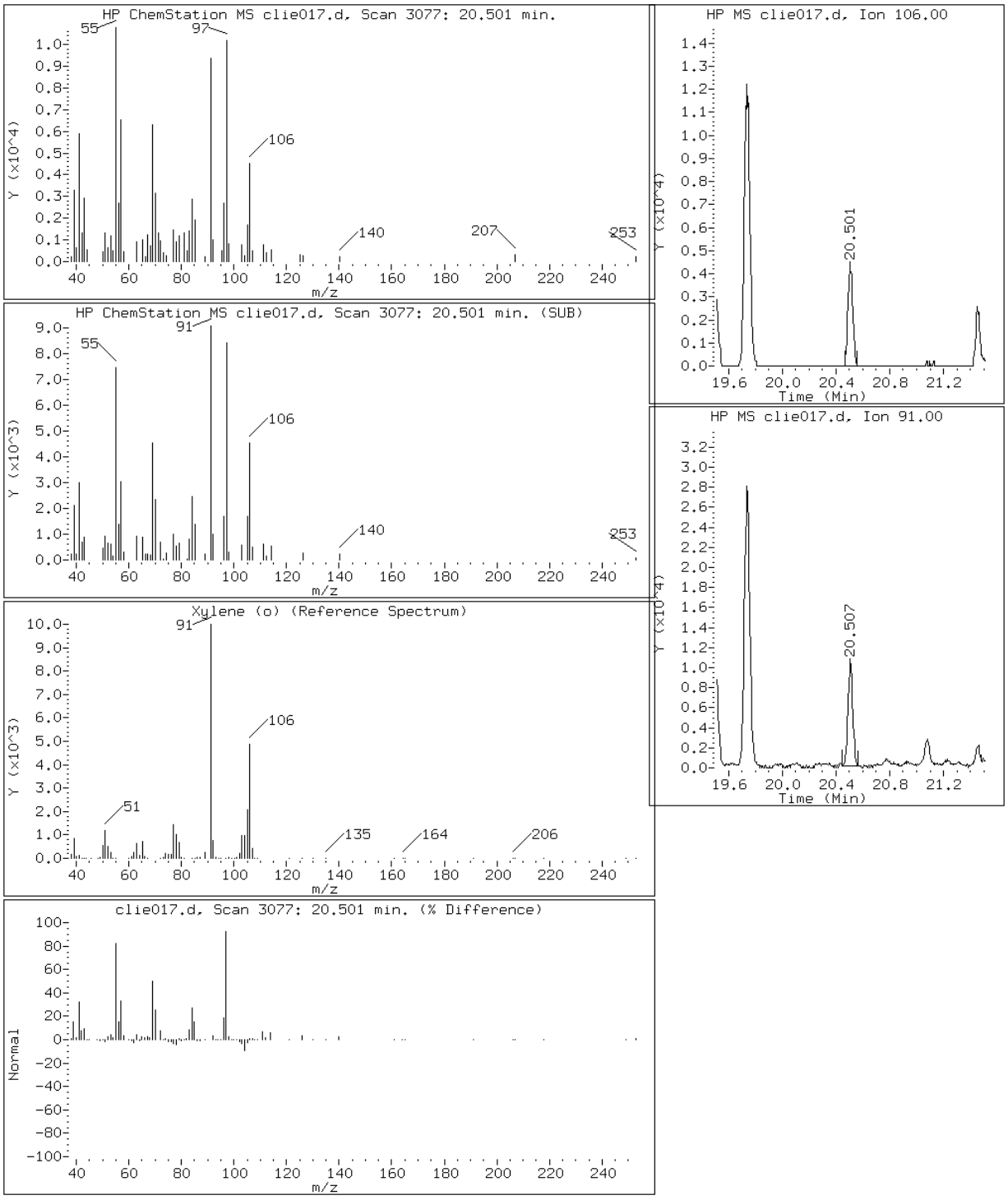
Data File: clie017.d

Lab Sample ID: 280-39218-5 Date: 15-MAR-2013 01:14

Client ID: 776VMP0101HA Instrument: C.i

Sample Info: 280-39218-A-5 Operator: wrd

71 Xylene (o)



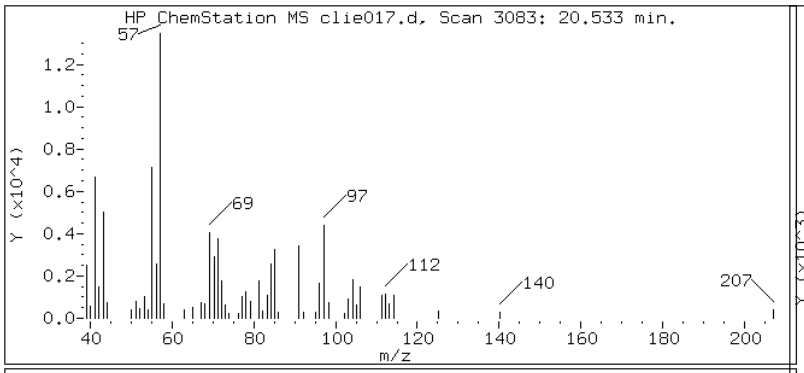
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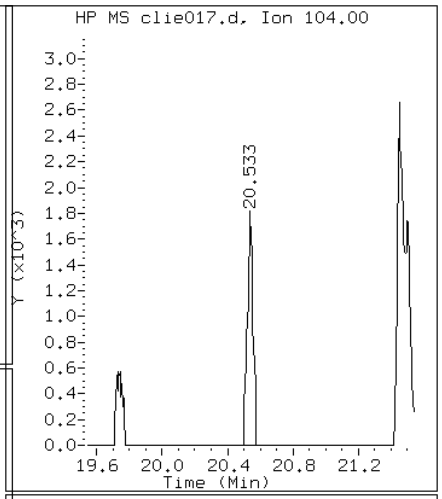
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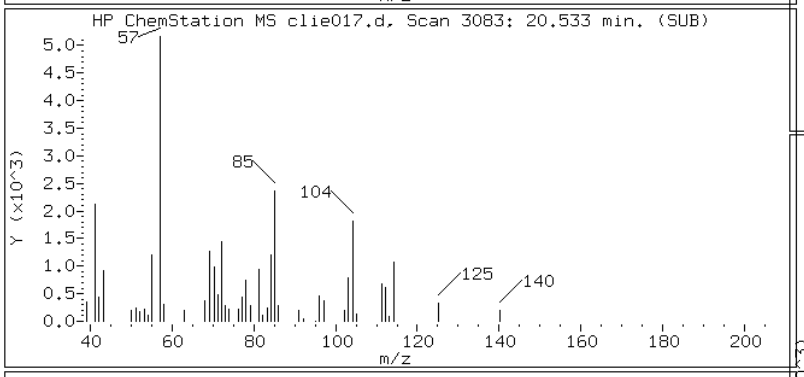
Client ID: 776VMP0101HA Instrument: C.i

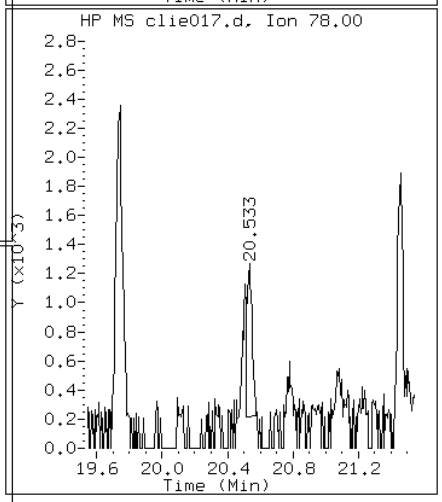
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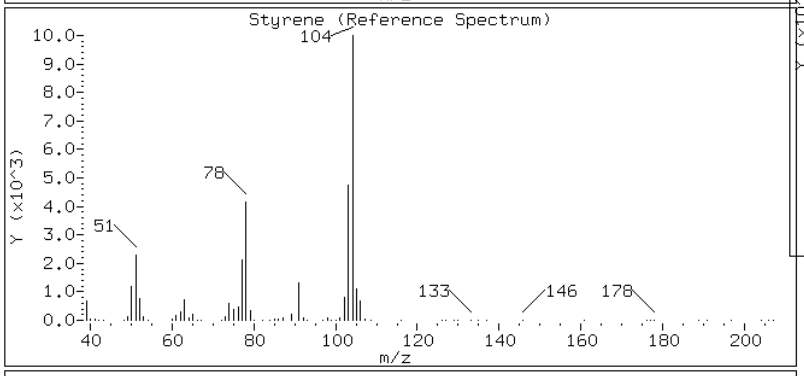
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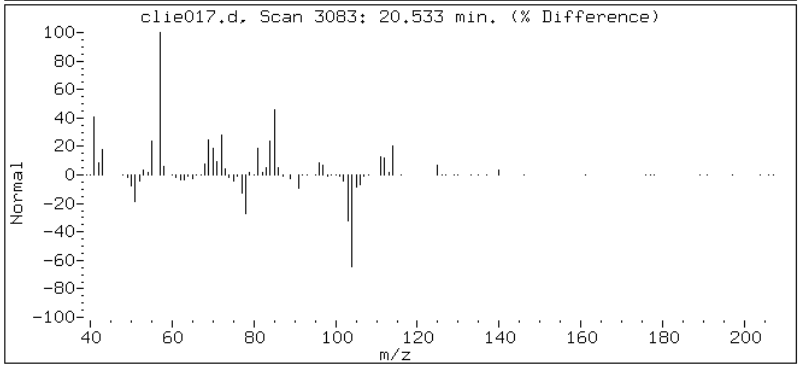












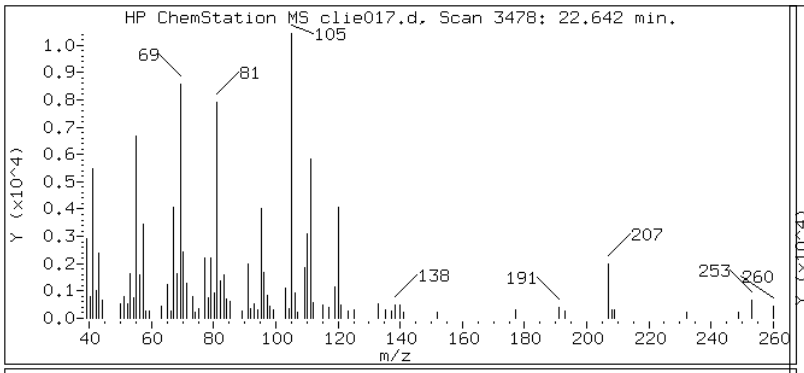
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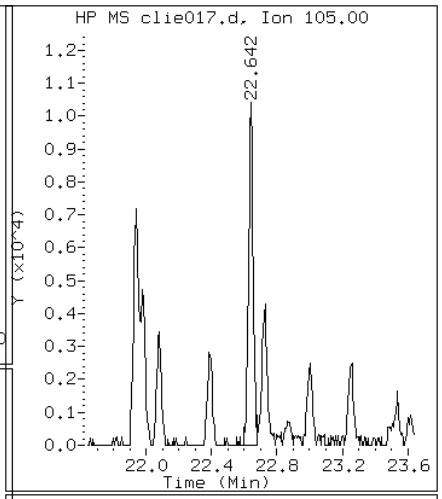
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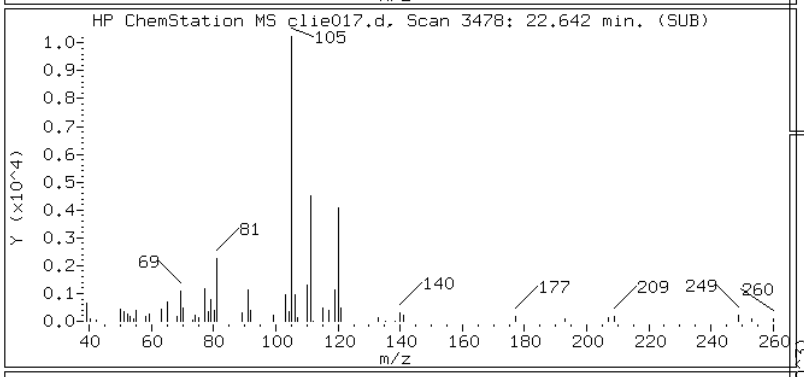
Client ID: 776VMP0101HA Instrument: C.i

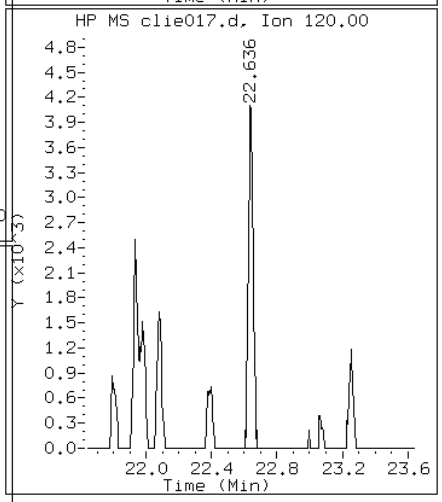
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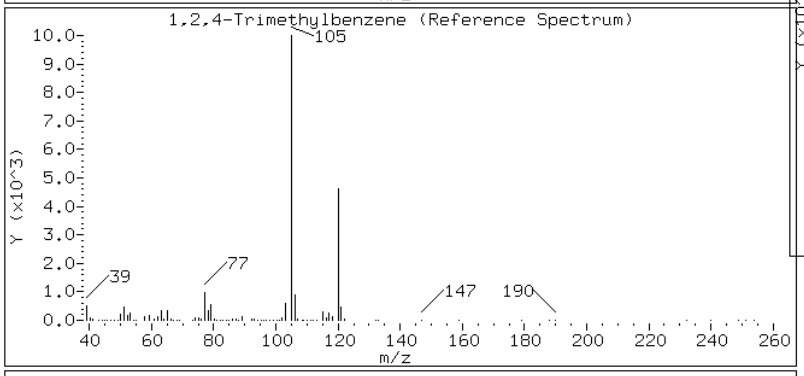
84 1,2,4-Trimethylbenzene

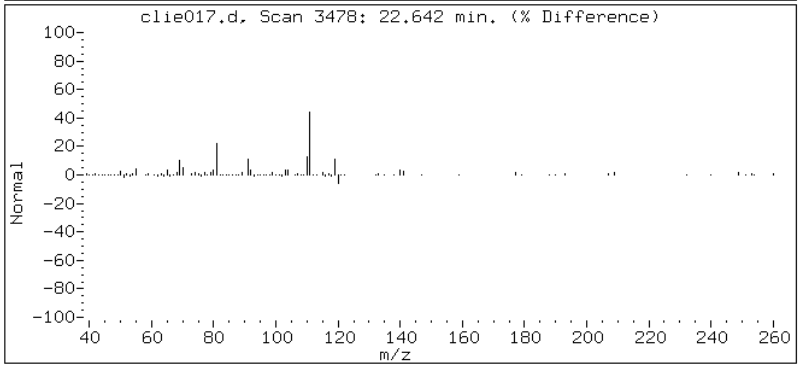












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HA Lab Sample ID: 280-39218-6

Matrix: Air Lab File ID: clie018.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:05

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.48	J	0.50	0.020
75-45-6	Freon 22	86.47	19	Q	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.83		0.50	0.034
106-97-8	n-Butane	58.12	0.98		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.27		0.20	0.021
76-13-1	Freon TF	187.38	0.089	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	15		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	18		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.11	J	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.28	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.56	J	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.4		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.2		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	1.6		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.088	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.4		0.20	0.015
71-43-2	Benzene	78.11	0.29		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HA Lab Sample ID: 280-39218-6

Matrix: Air Lab File ID: clie018.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:05

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.7		0.20	0.017
79-01-6	Trichloroethene	131.39	0.061	J	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.095	J	0.50	0.034
108-88-3	Toluene	92.14	0.95		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.23		0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.73		0.50	0.022
95-47-6	Xylene, o-	106.17	0.23		0.20	0.016
1330-20-7	Xylene (total)	106.17	0.96		0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.055	J	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	J	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HA Lab Sample ID: 280-39218-6

Matrix: Air Lab File ID: clie018.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:05

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.096	J	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HA Lab Sample ID: 280-39218-6

Matrix: Air Lab File ID: clie018.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:05

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J	2.5	0.099
75-45-6	Freon 22	86.47	68	Q	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.7		1.0	0.070
106-97-8	n-Butane	58.12	2.3		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.12
76-13-1	Freon TF	187.38	0.68	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	36		12	0.95
67-63-0	Isopropyl alcohol	60.10	44		12	0.19
75-15-0	Carbon disulfide	76.14	0.33	J	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.98	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	1.7	J	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	8.5		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	3.6		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	5.5		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.56	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	6.5		0.93	0.070
71-43-2	Benzene	78.11	0.92		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HA Lab Sample ID: 280-39218-6

Matrix: Air Lab File ID: clie018.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:05

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	7.1		0.82	0.070
79-01-6	Trichloroethene	131.39	0.33	J	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.39	J	2.0	0.14
108-88-3	Toluene	92.14	3.6		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.98		0.87	0.065
179601-23-1	m,p-Xylene	106.17	3.2		2.2	0.096
95-47-6	Xylene, o-	106.17	1.0		0.87	0.069
1330-20-7	Xylene (total)	106.17	4.2		0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.27	J	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.73	J	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0201HA Lab Sample ID: 280-39218-6

Matrix: Air Lab File ID: clie018.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:05

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.50	J	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-6
Client Smp ID: 776VMP0201HA
Inj Date : 15-MAR-2013 02:06
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-6
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.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)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	47045	0.48252	0.48(a)
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	1010674	19.2148	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.774	4.779	(0.399)	24449	0.83253	0.83
6 Butane	43	5.035	5.046	(0.421)	47467	0.97592	0.98
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	25866	0.26950	0.27
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.944	(0.664)	5546	0.08852	0.089(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.147	8.157	(0.682)	584362	15.0577	15

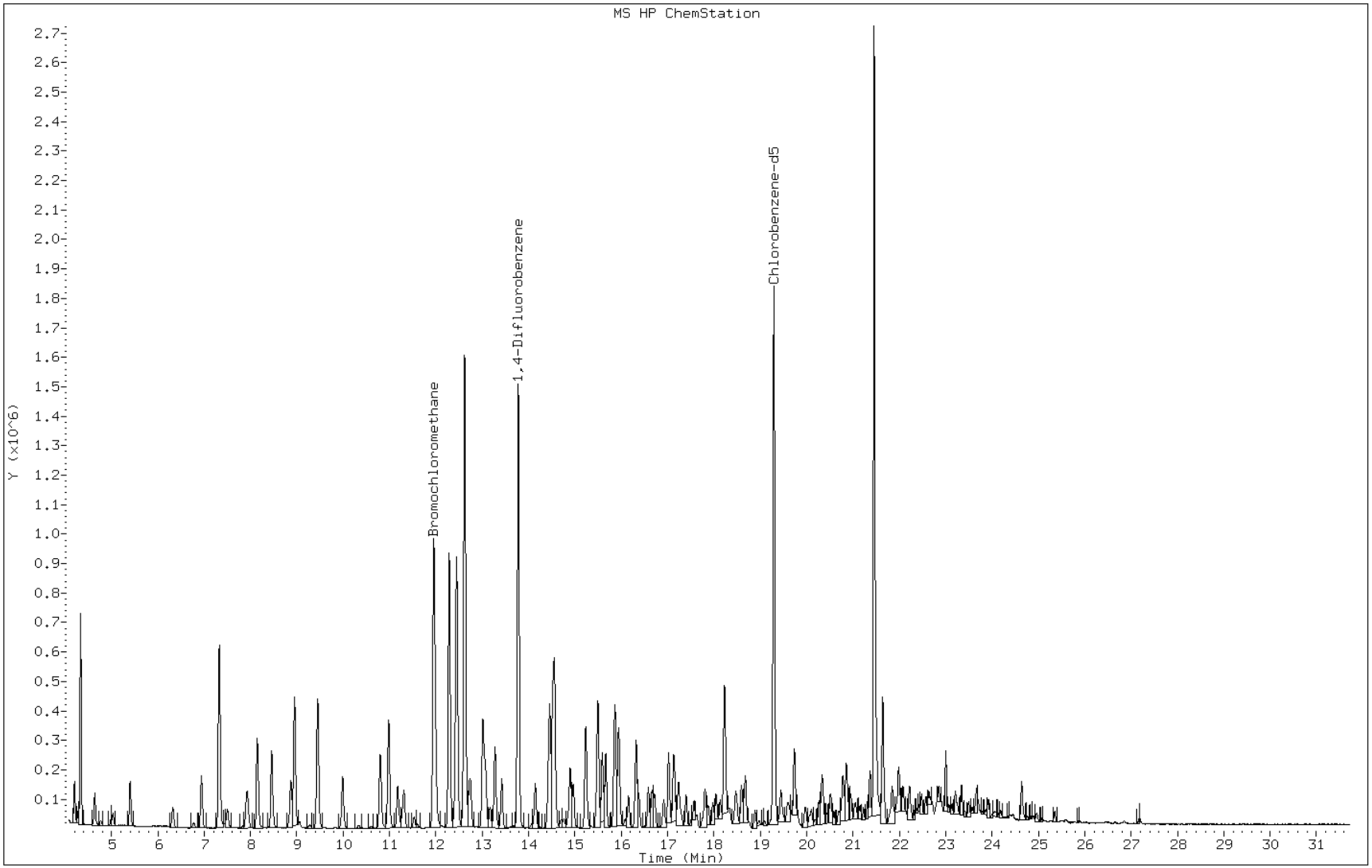
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
21	Carbon disulfide	76	8.403	8.408	(0.703)	9883	0.10724	0.11(a)
22	Isopropanol	45	8.461	8.461	(0.708)	504421	17.7714	18
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	9.054	9.059	(0.758)	9791	0.28162	0.28(a)
26	Tert-butyl alcohol	59	9.273	9.267	(0.776)	23028	0.56039	0.56(a)
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.993	9.998	(0.836)	129862	2.41171	2.4
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.535	11.530	(0.965)	17990	1.22123	1.2(Q)
* 37	Bromochloromethane	128	11.952	11.957	(1.000)	285383	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	12.416	12.427	(0.901)	80161	1.61135	1.6(Q)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	12.651	12.656	(0.918)	7829	0.08836	0.088(a)
43	2,2,4-Trimethylpentane	57	13.072	13.078	(0.949)	233752	1.38114	1.4(Q)
44	Benzene	78	13.040	13.051	(0.947)	33720	0.28843	0.29
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	13.419	13.419	(0.974)	105980	1.72050	1.7
* 47	1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1682852	10.0000	
49	Trichloroethene	95	14.236	14.241	(1.033)	3269	0.06104	0.061(a)
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	16.259	16.253	(1.180)	5525	0.09504	0.095(a)
58	Toluene	92	16.590	16.589	(0.860)	76728	0.95445	0.95
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	19.295	19.295	(1.000)	1564520	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	19.503	19.509	(1.011)	37979	0.22518	0.23
69	Xylene (m,p)	106	19.744	19.743	(1.023)	46499	0.73295	0.73
M 70	Xylenes, Total	106				60605	0.96302	0.96
71	Xylene (o)	106	20.507	20.512	(1.063)	14106	0.23007	0.23
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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	21.974	21.980	(1.139)	10084	0.05509	0.055(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	22.647	22.641	(1.174)	22642	0.14860	0.15(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	26.847	26.847	(1.391)	10558	0.09574	0.096(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:	clie018.d	Date:	15-MAR-2013 02:06
Client ID:	776VMP0201HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-6		
Lab Sample ID:	280-39218-6		



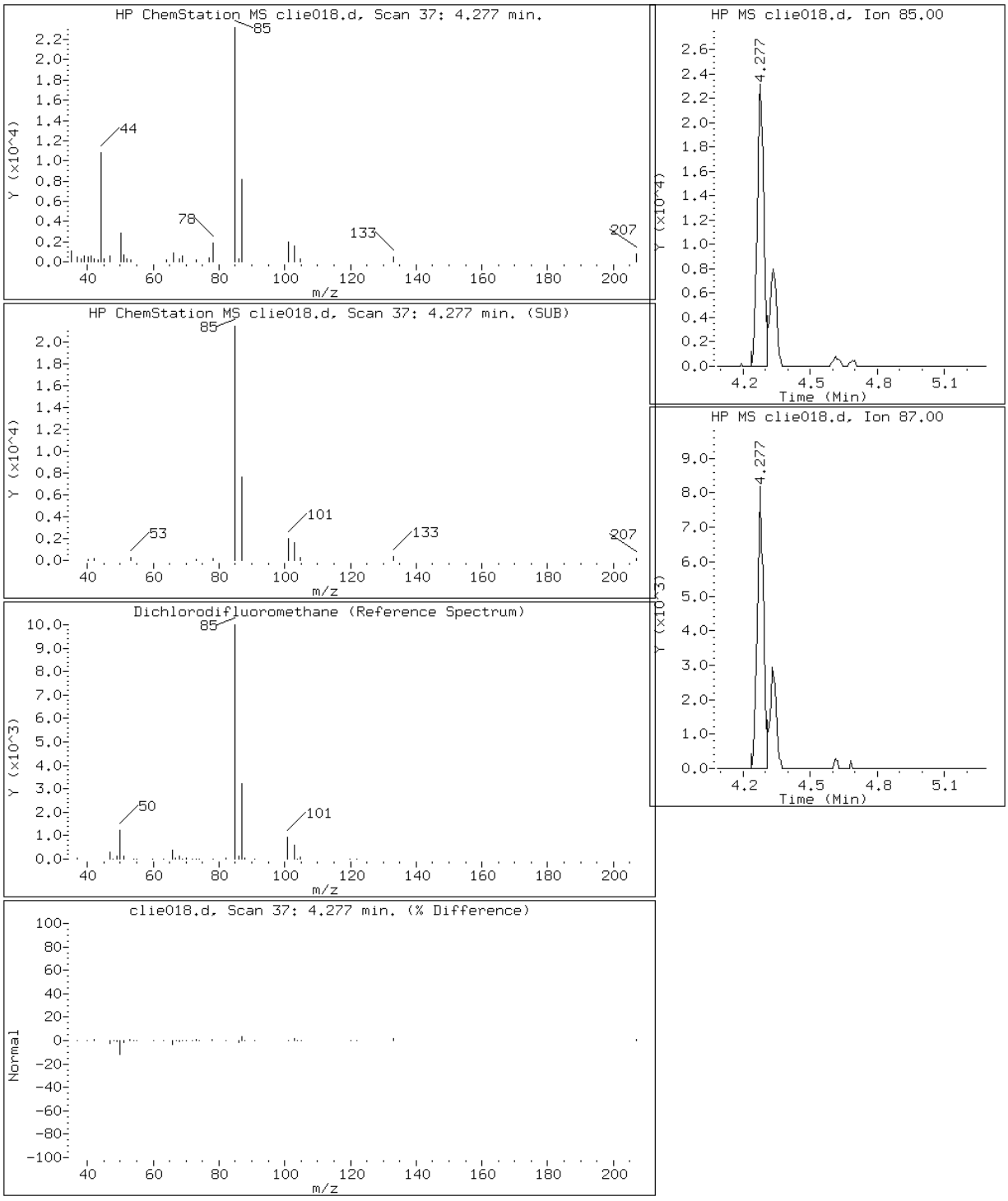
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

2 Dichlorodifluoromethane



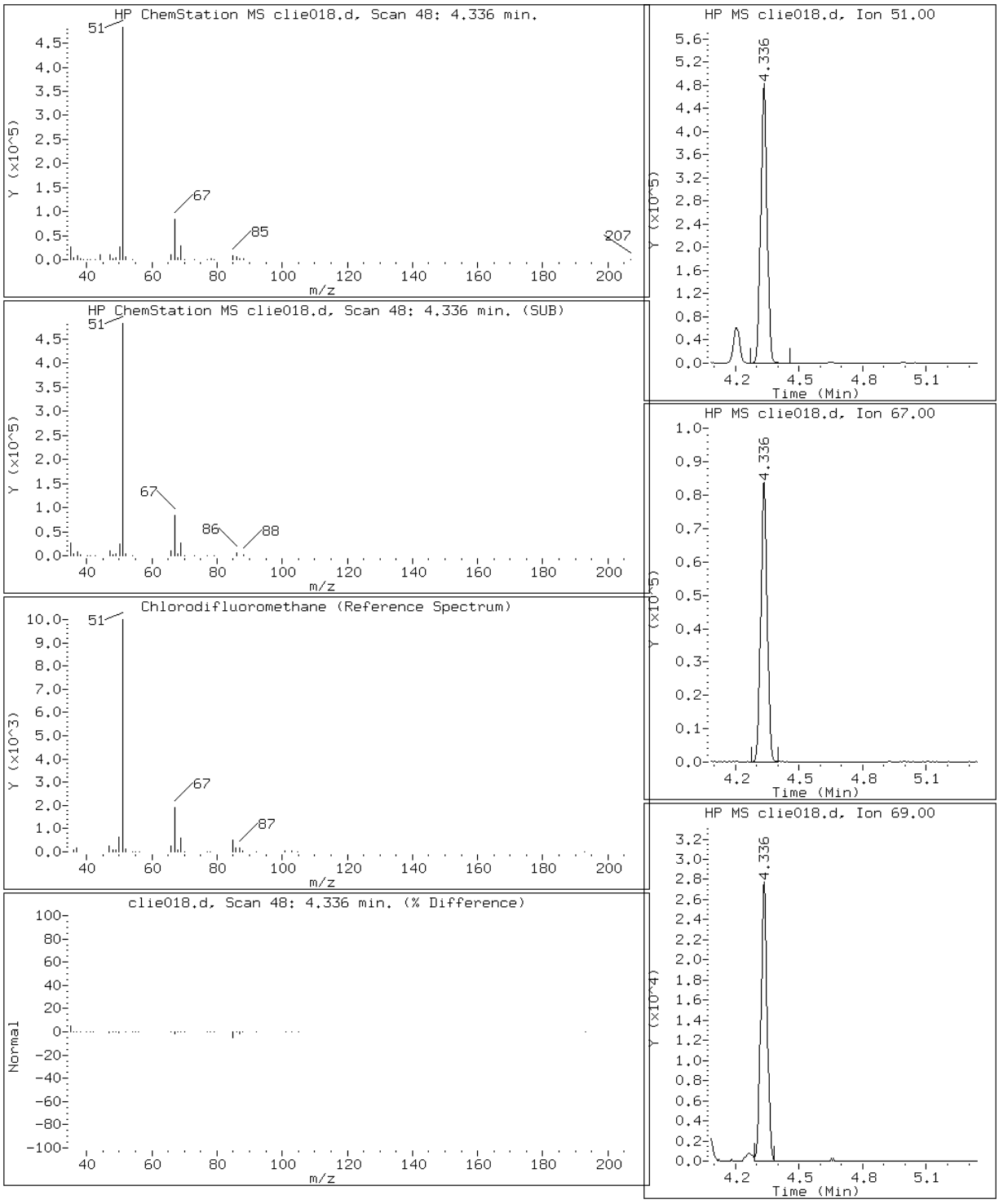
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

3 Chlorodifluoromethane



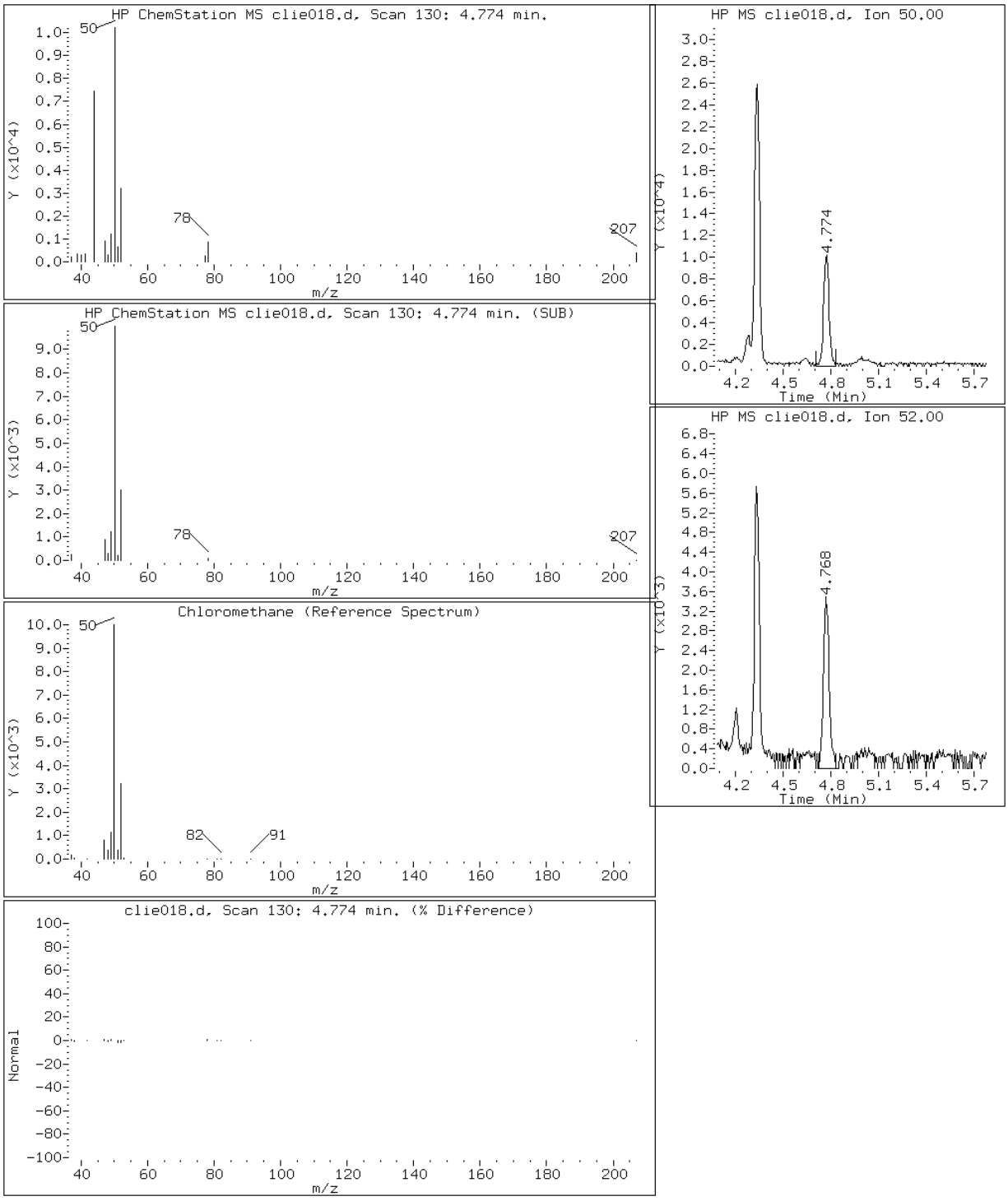
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

5 Chloromethane



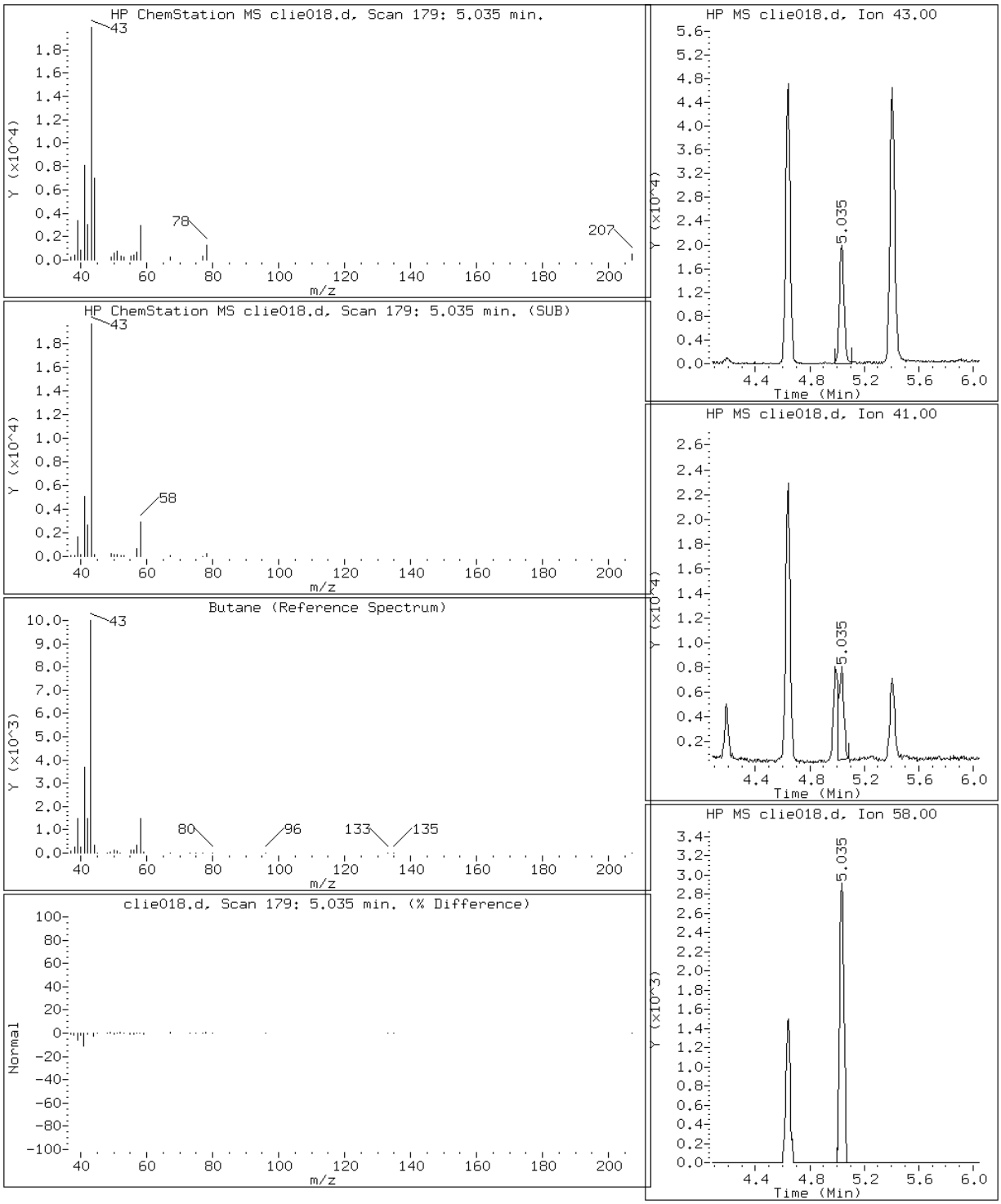
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Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

6 Butane



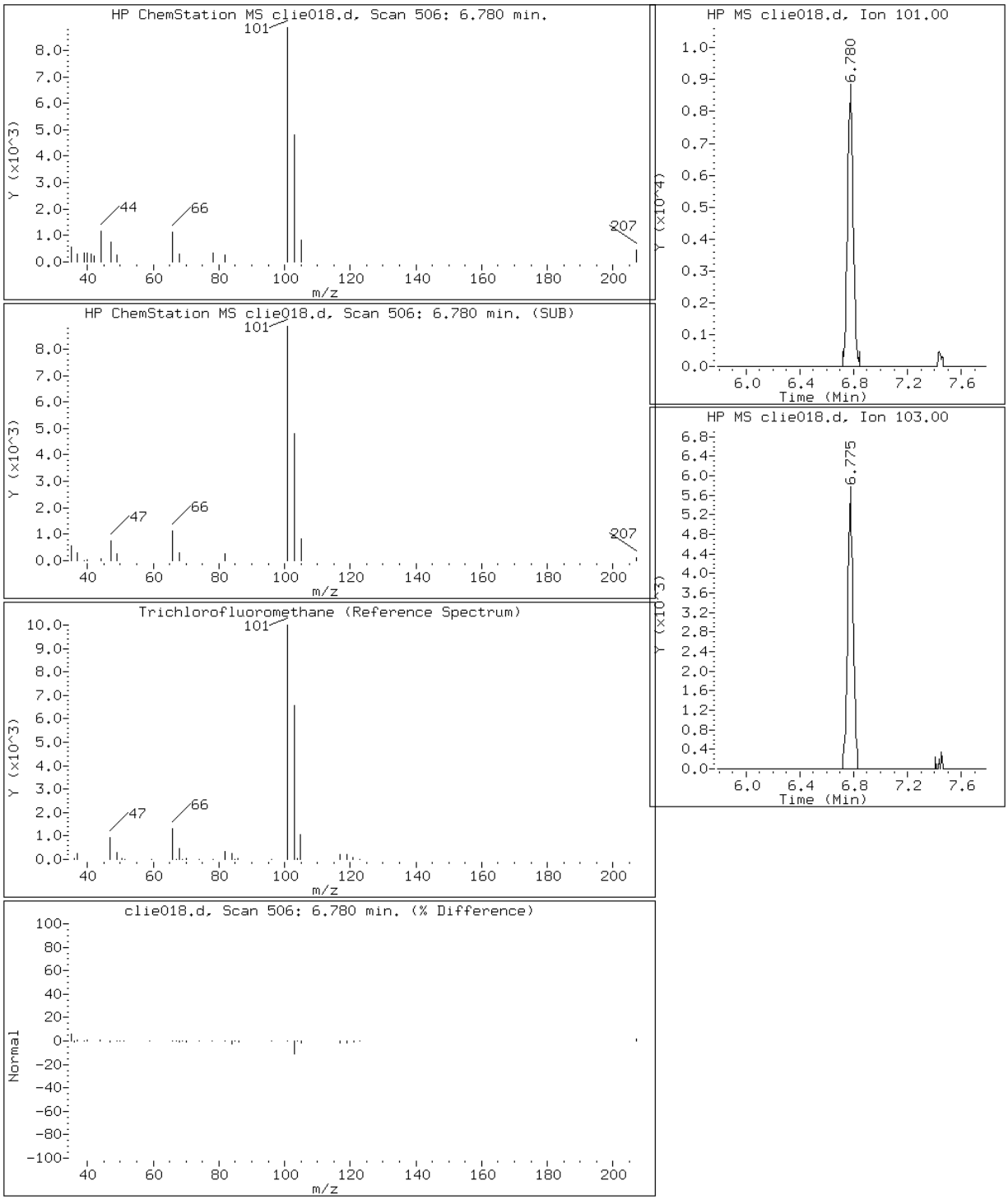
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

13 Trichlorofluoromethane



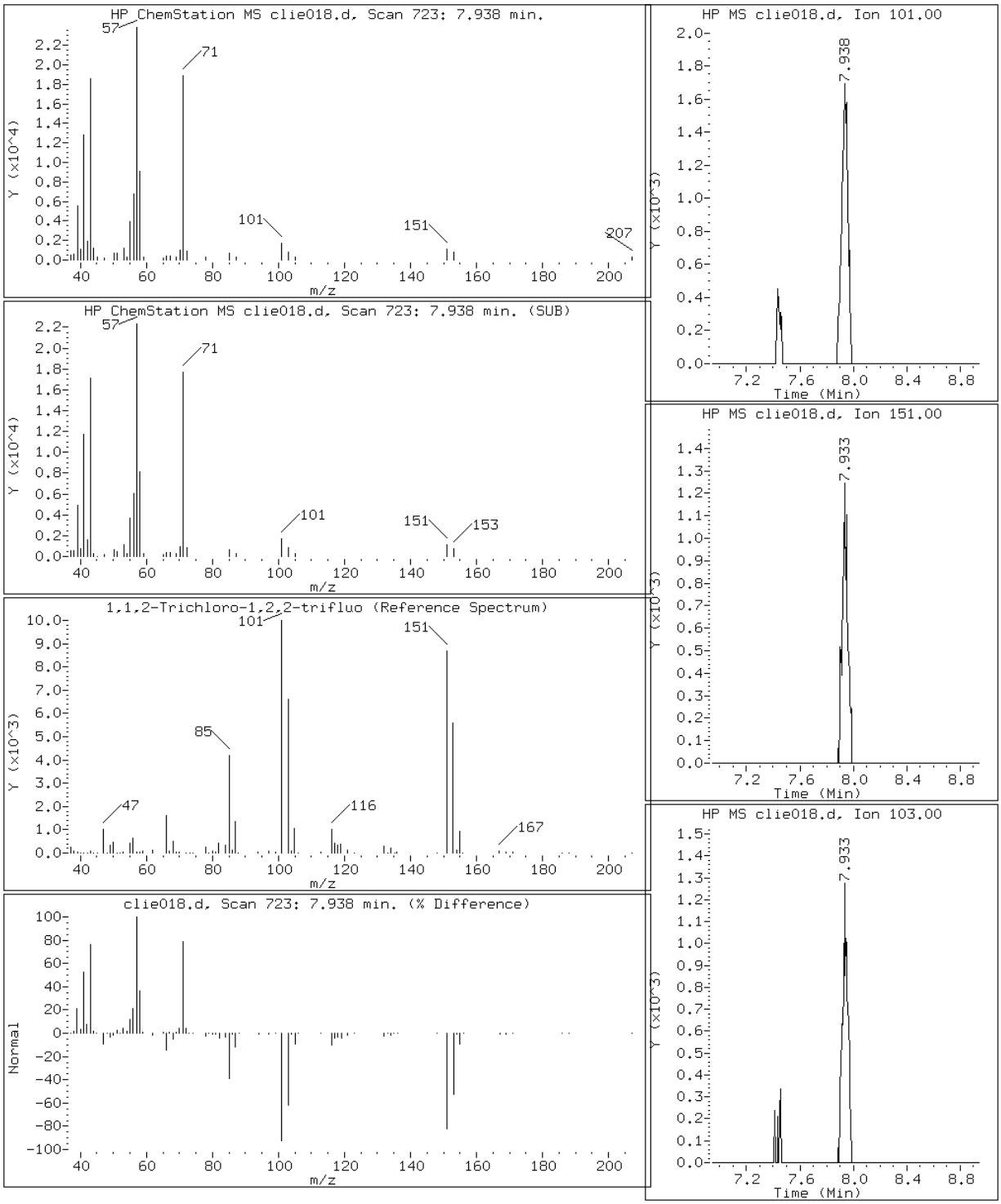
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



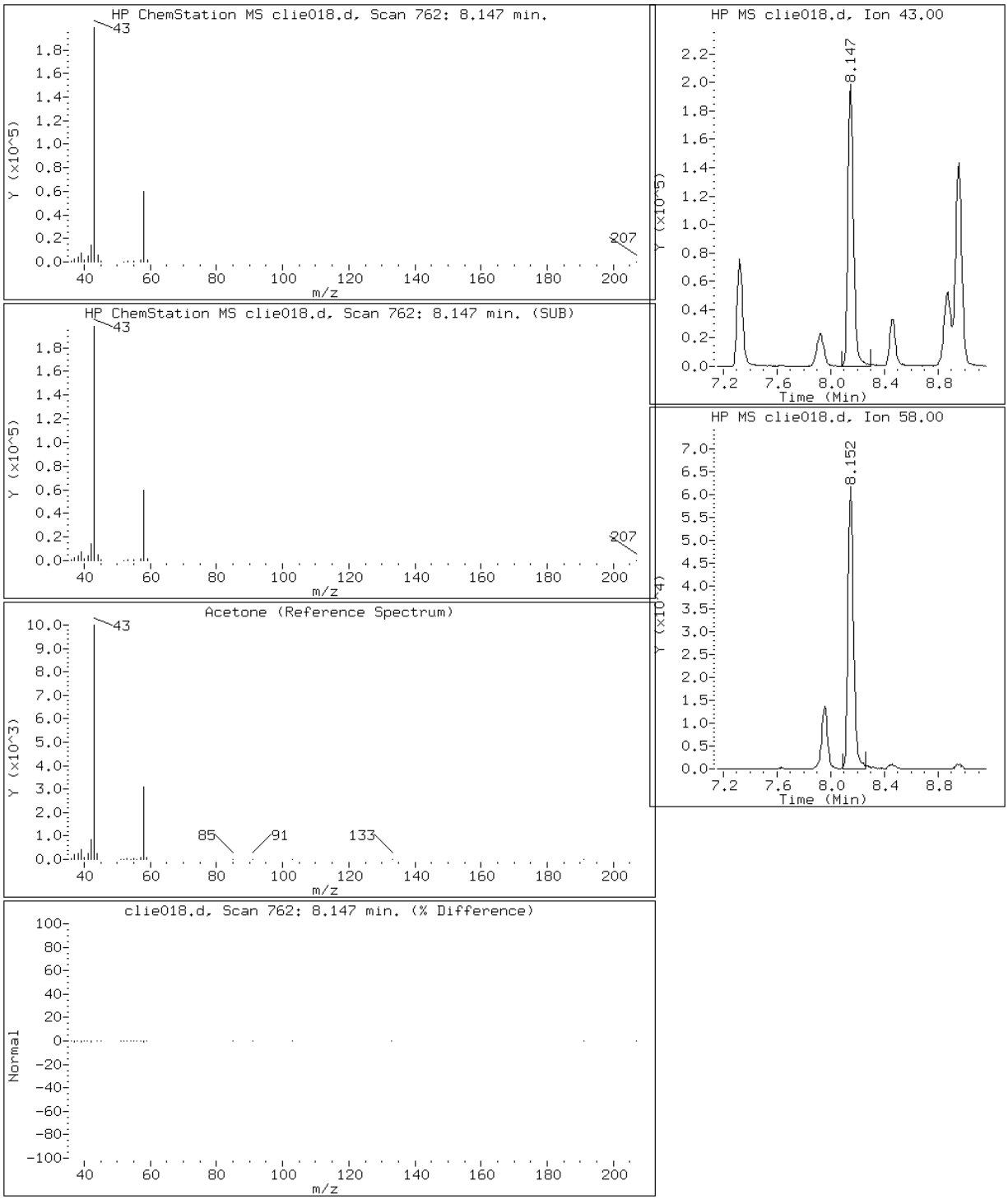
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

20 Acetone



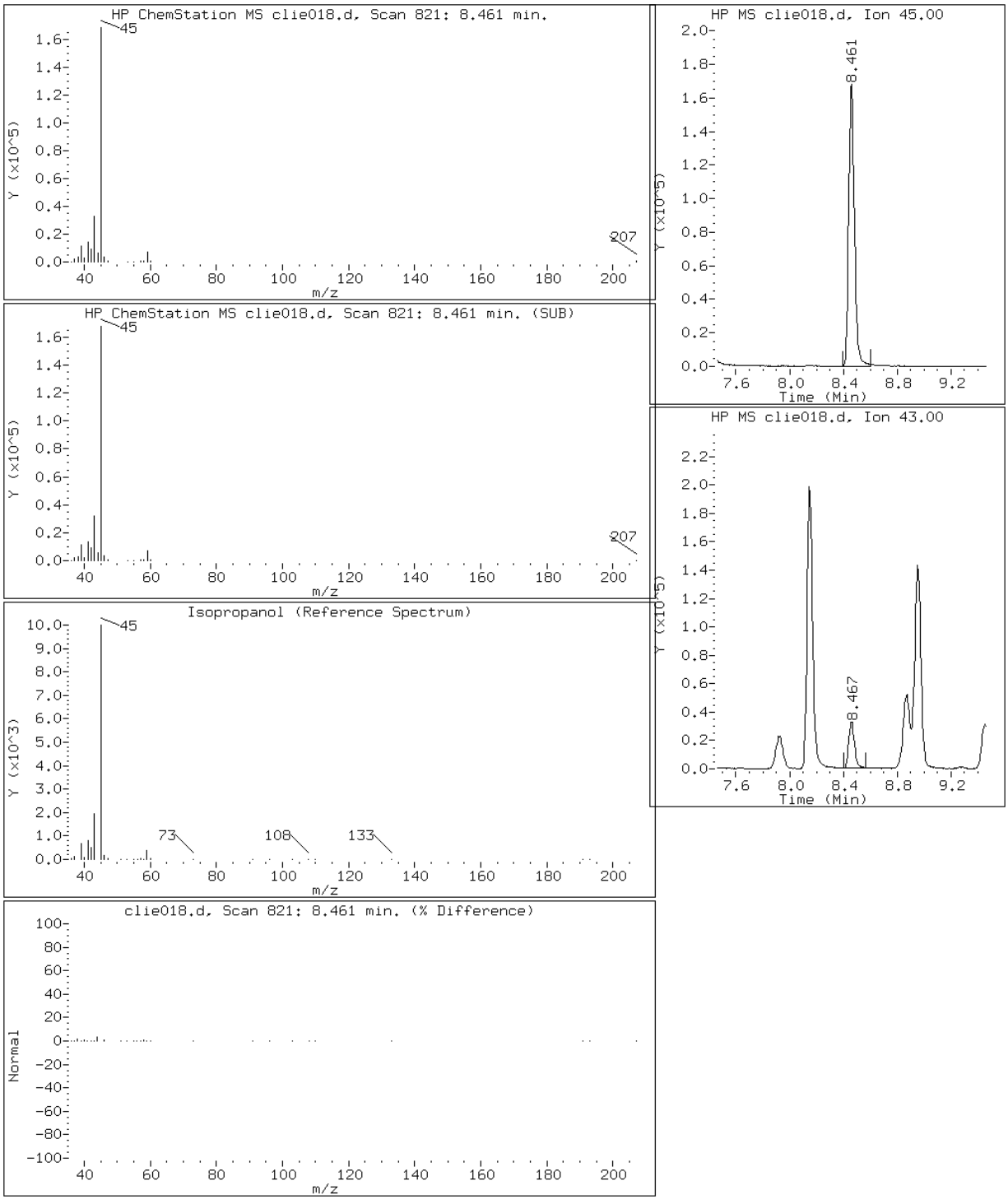
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

22 Isopropanol



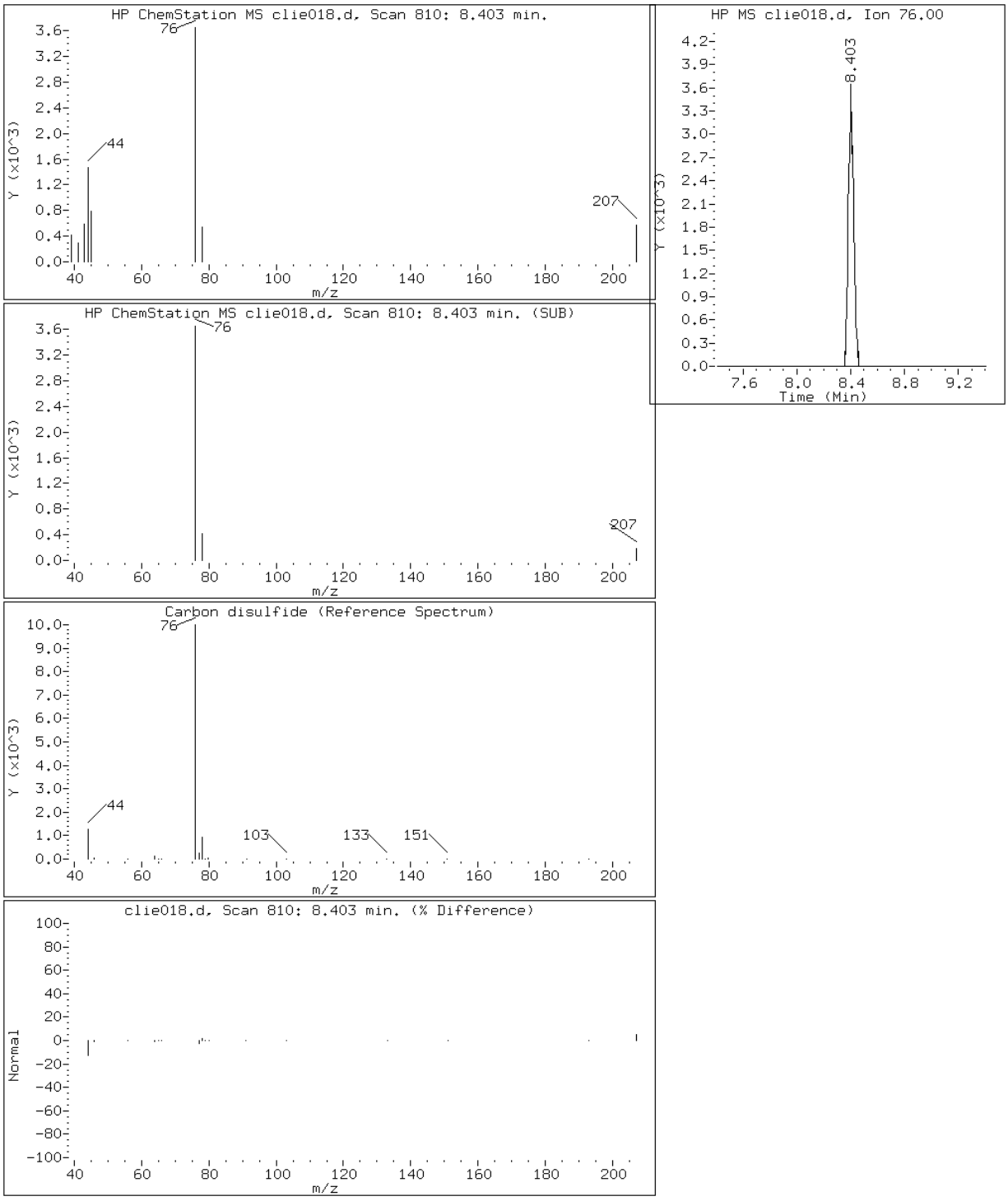
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Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

21 Carbon disulfide



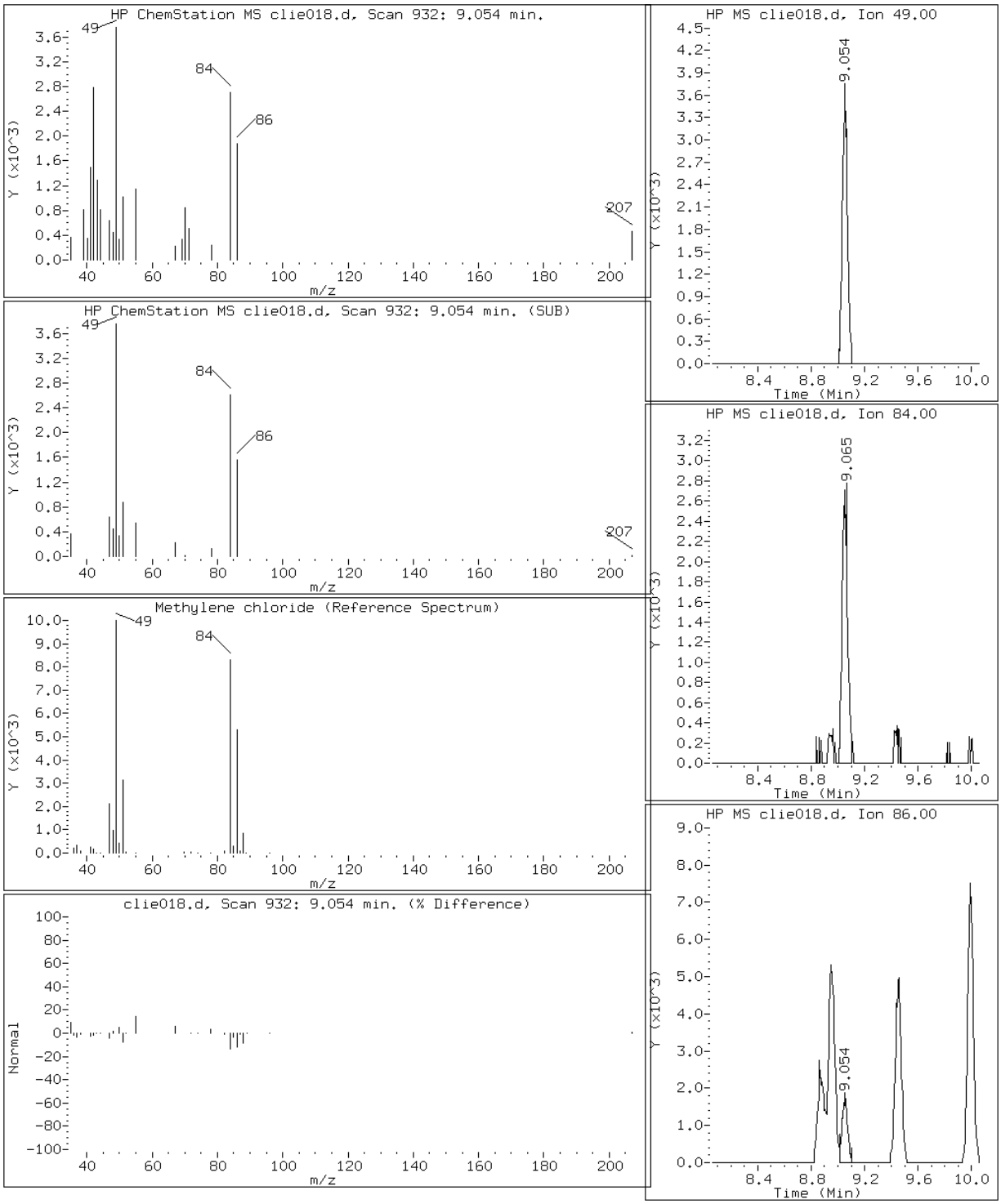
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

25 Methylene chloride



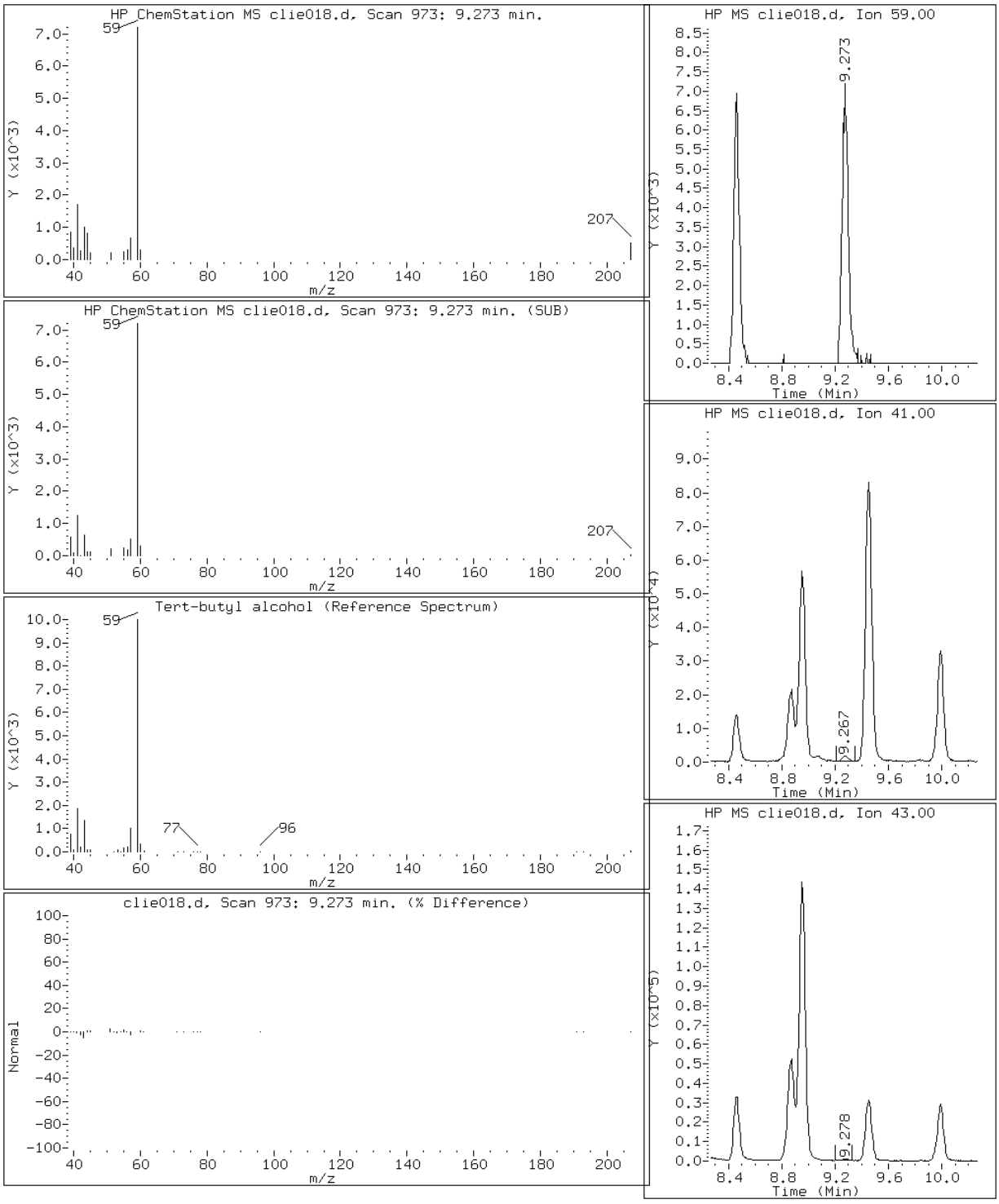
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

26 Tert-butyl alcohol



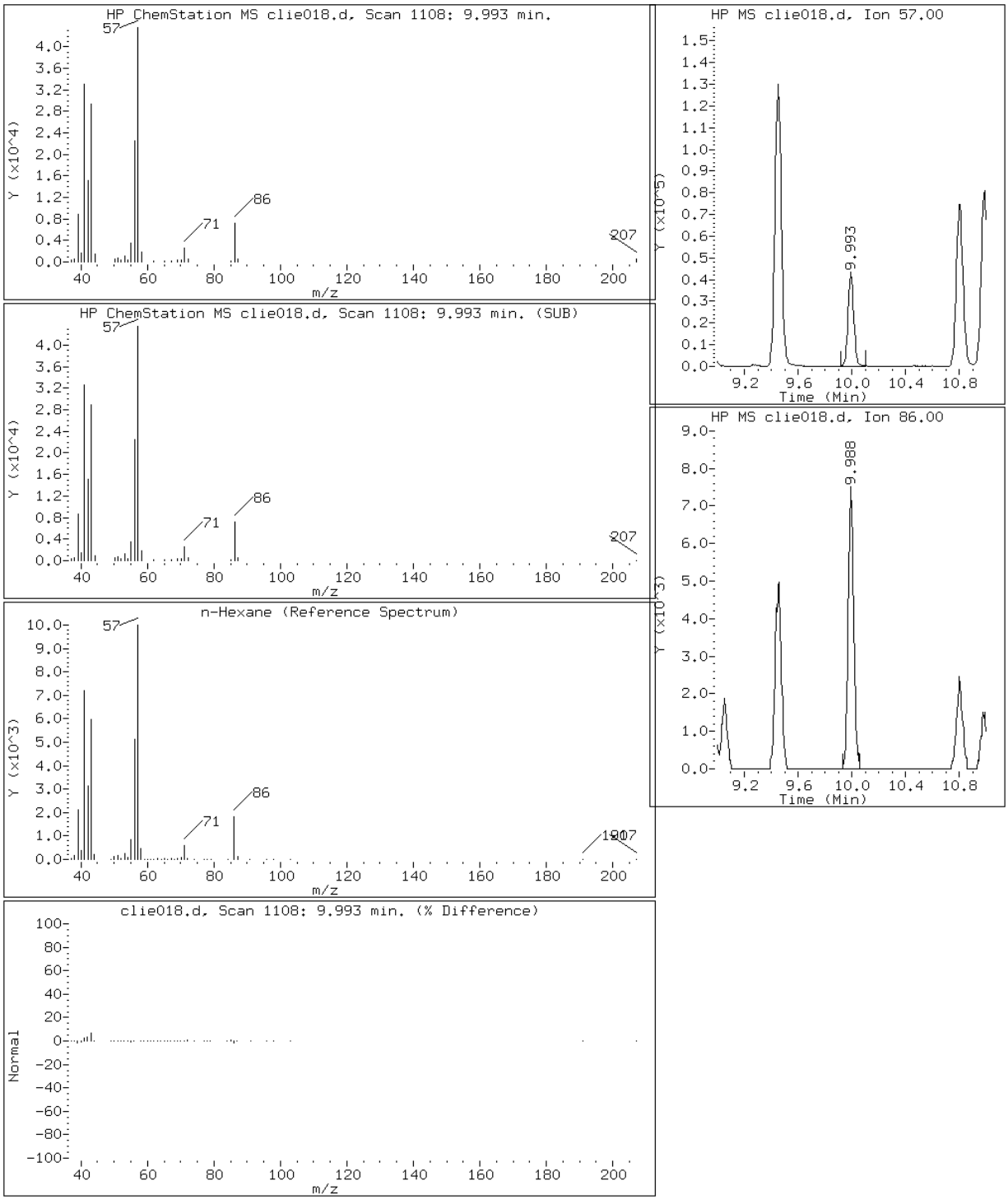
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

30 n-Hexane



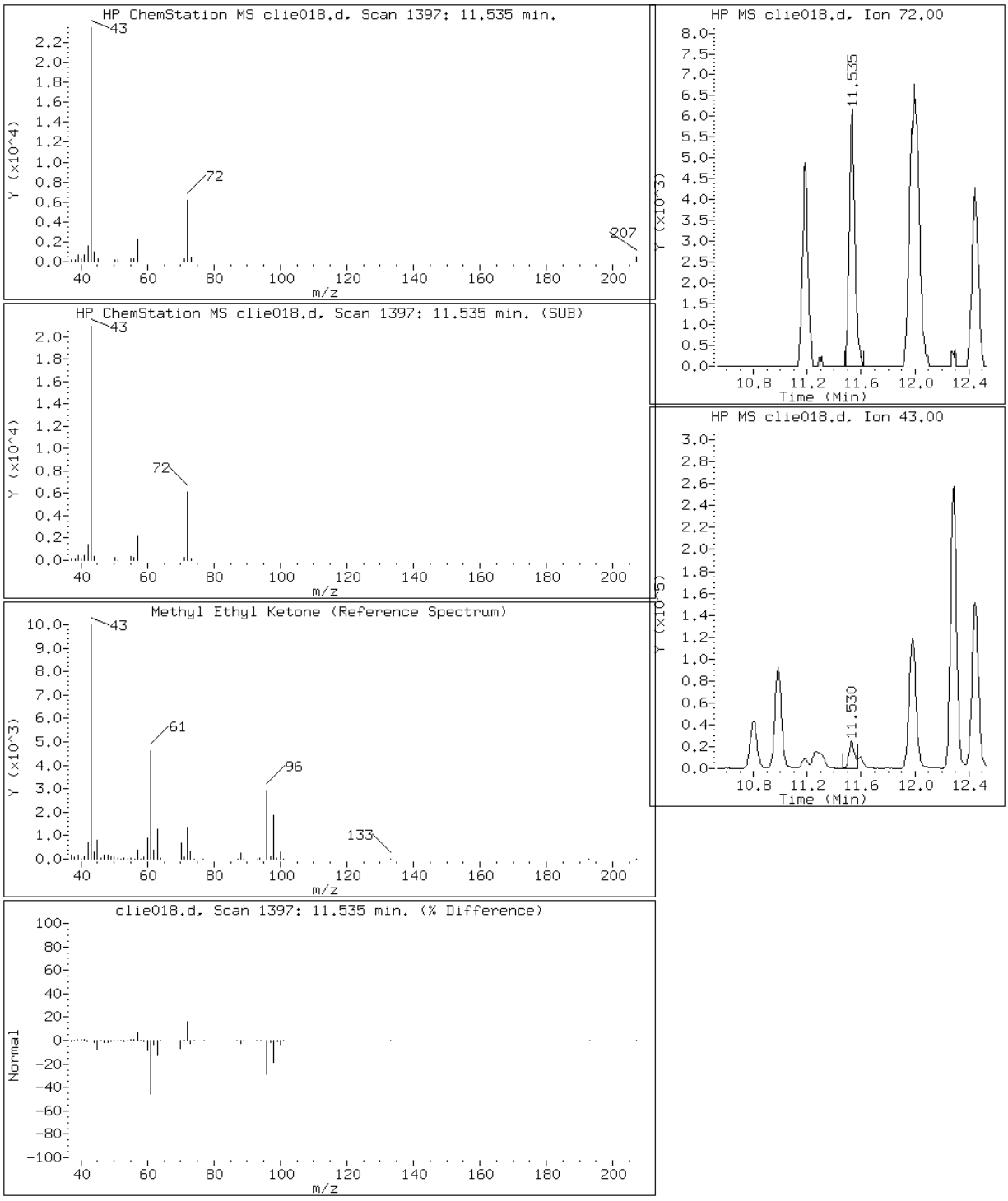
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

36 Methyl Ethyl Ketone



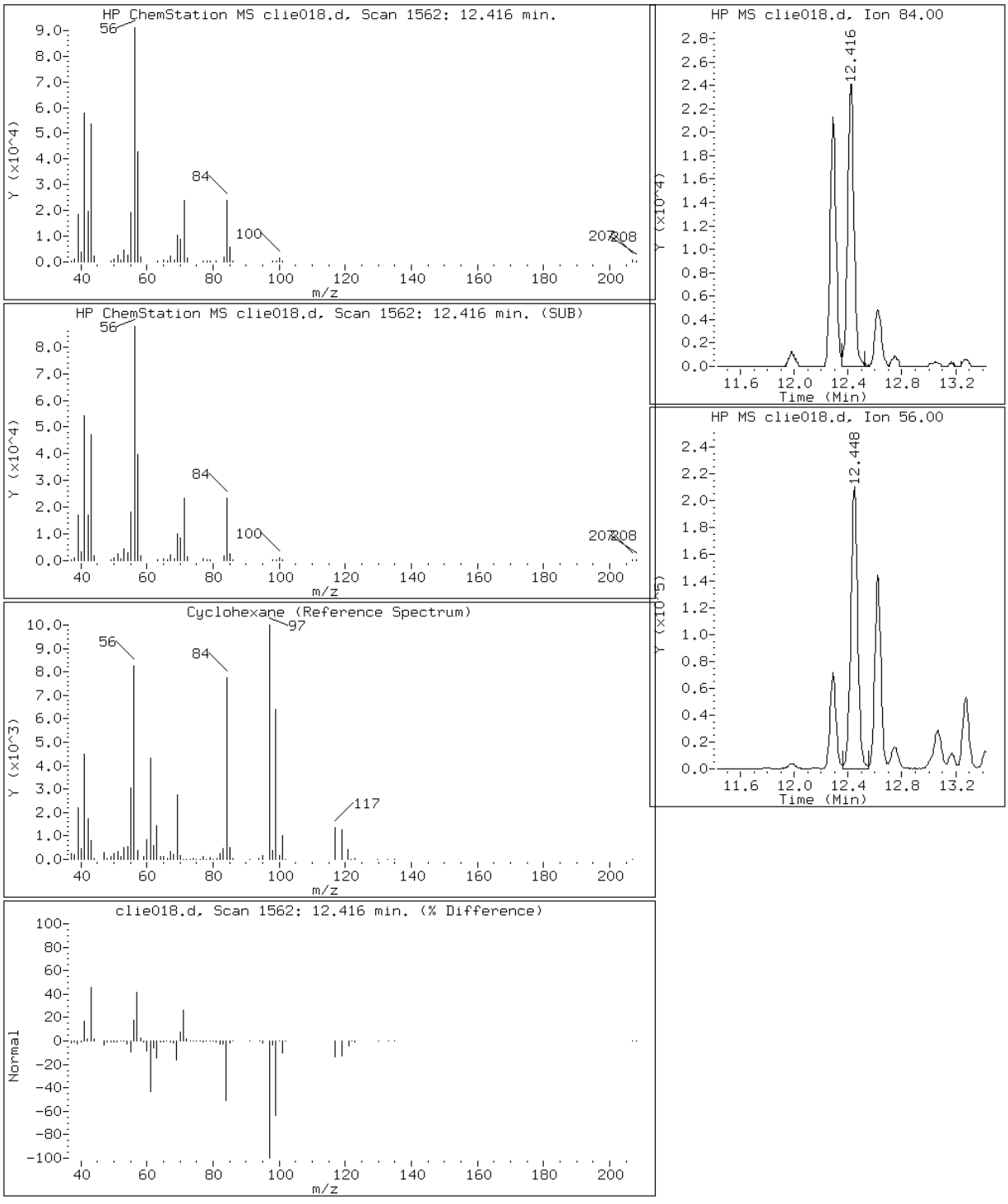
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

40 Cyclohexane



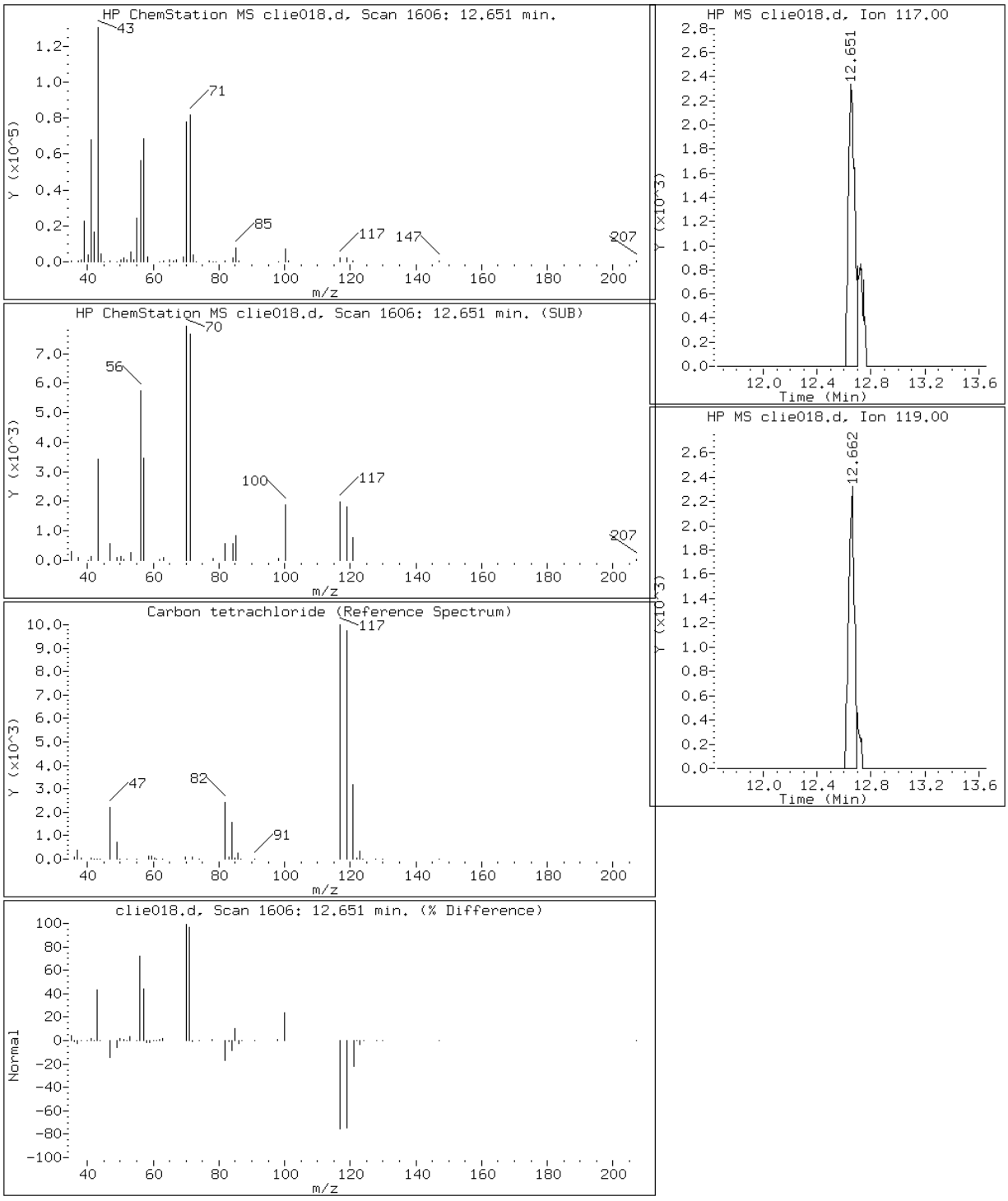
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

42 Carbon tetrachloride



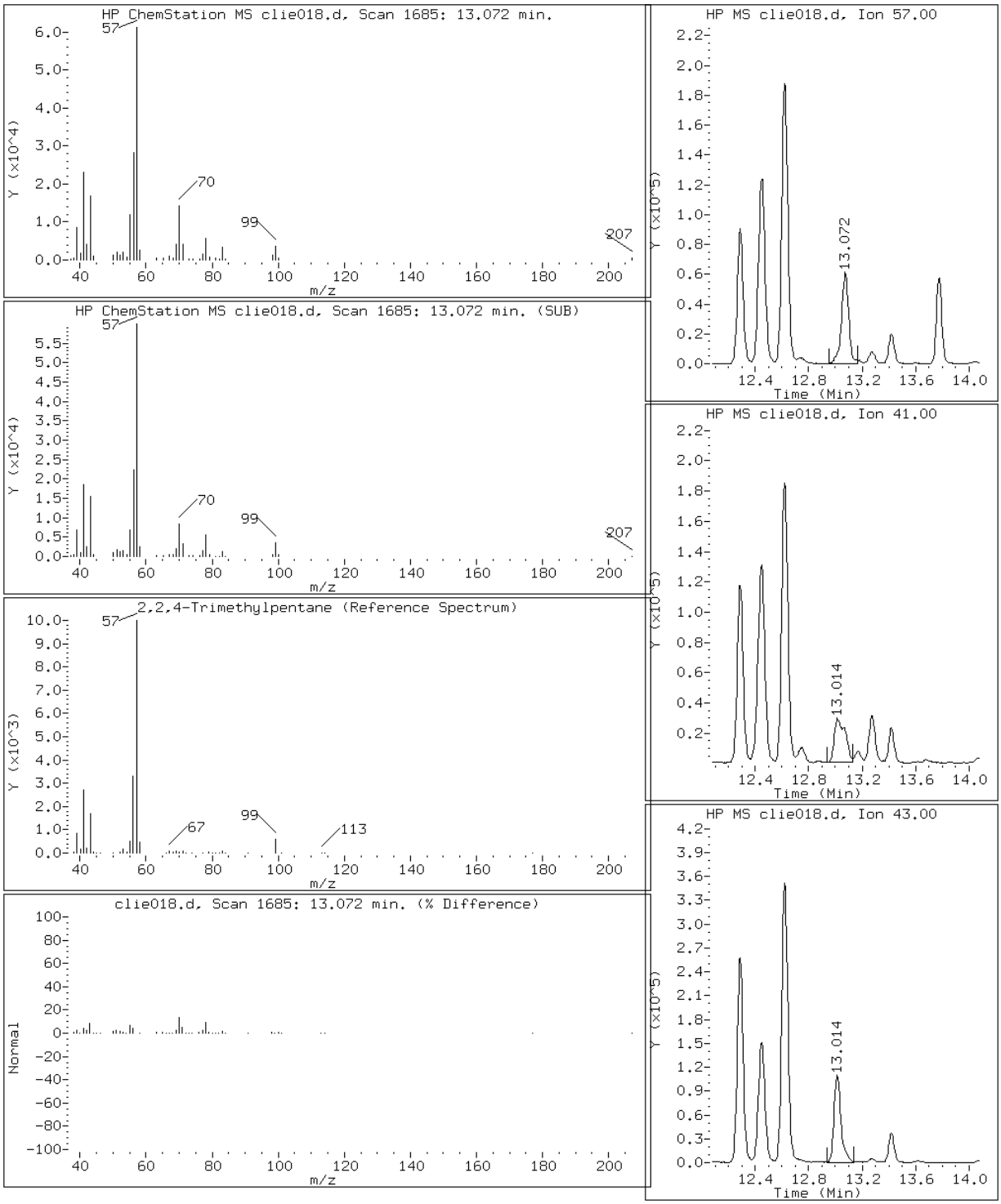
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

43 2,2,4-Trimethylpentane



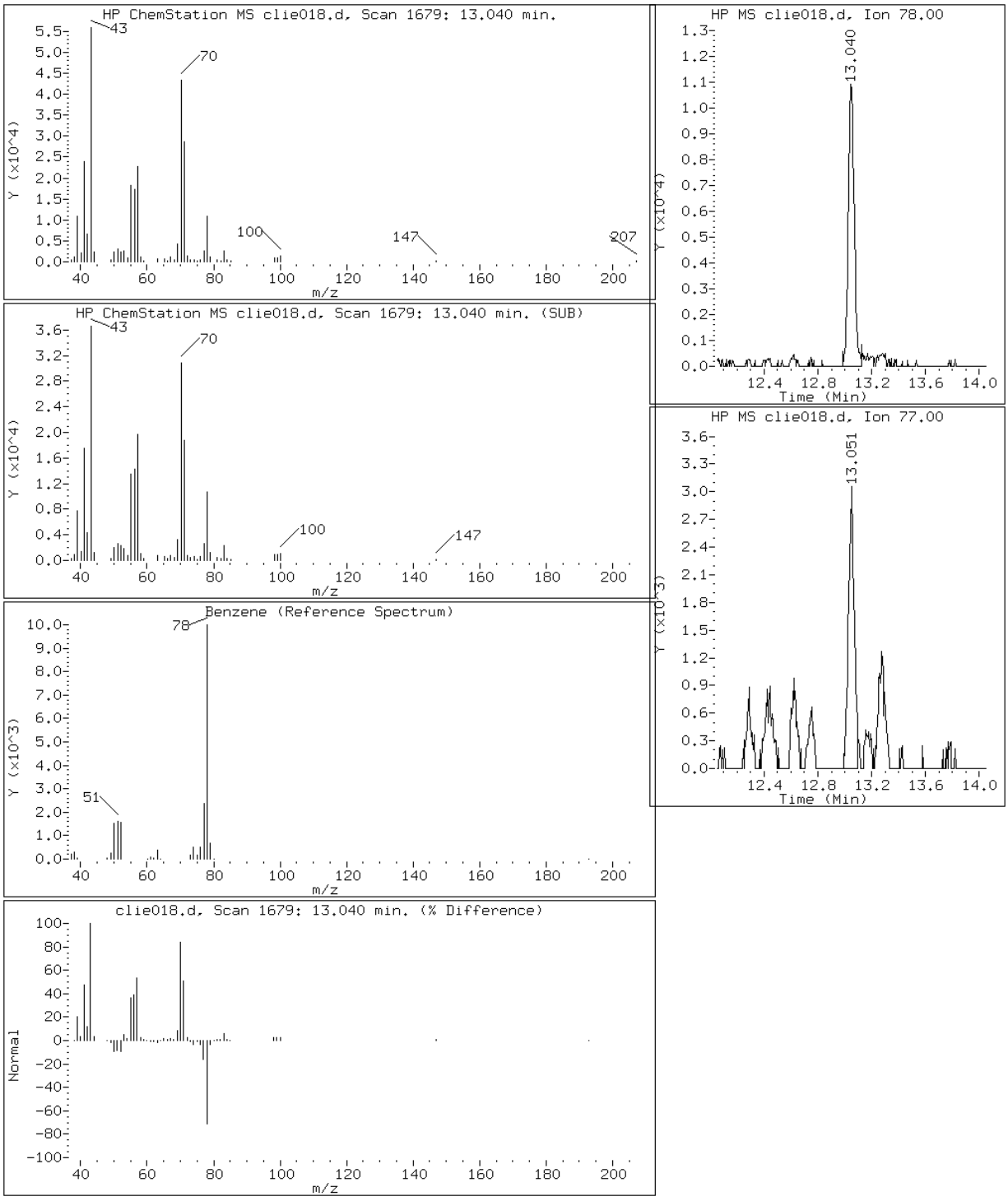
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

44 Benzene



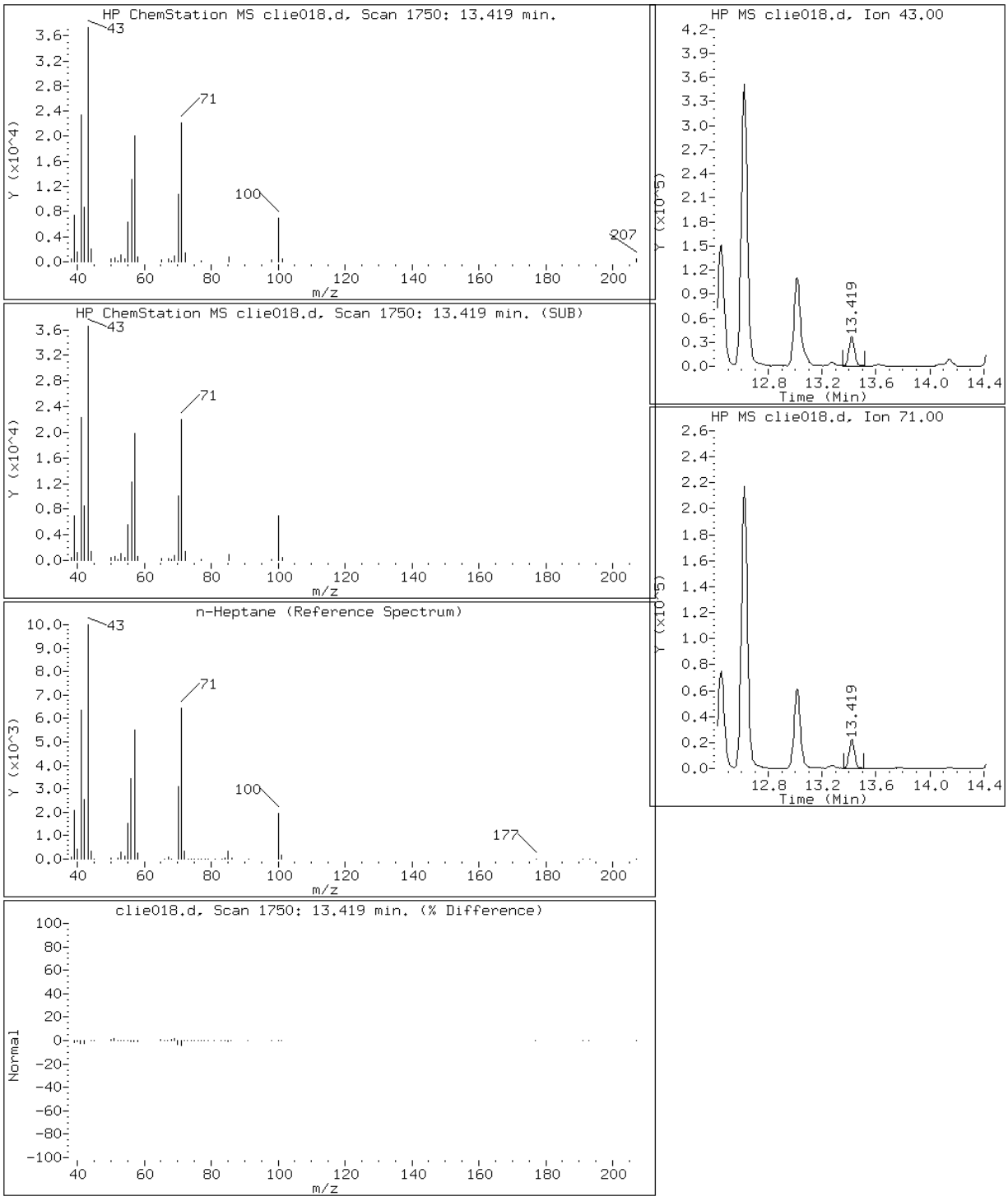
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

46 n-Heptane



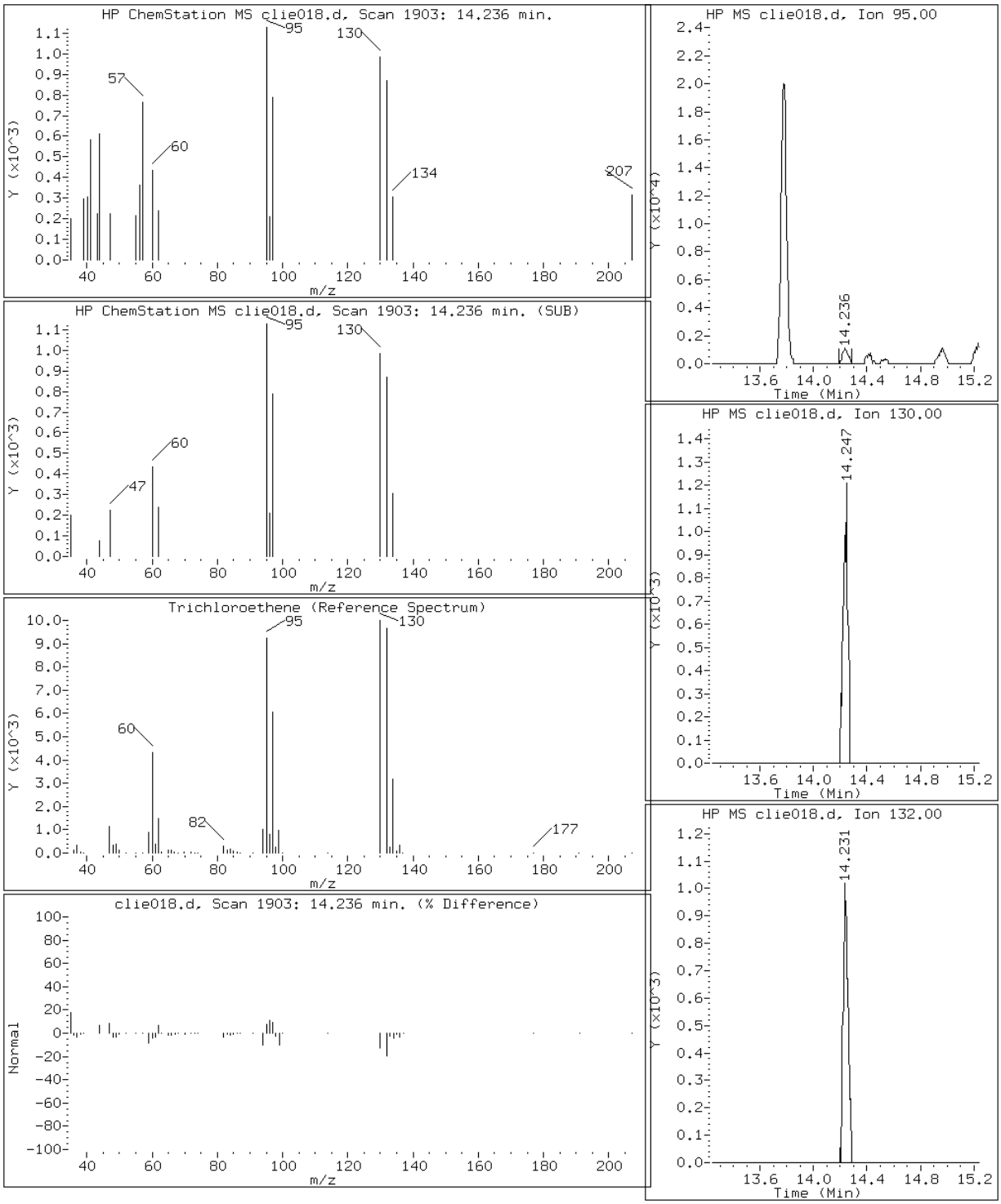
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

49 Trichloroethene



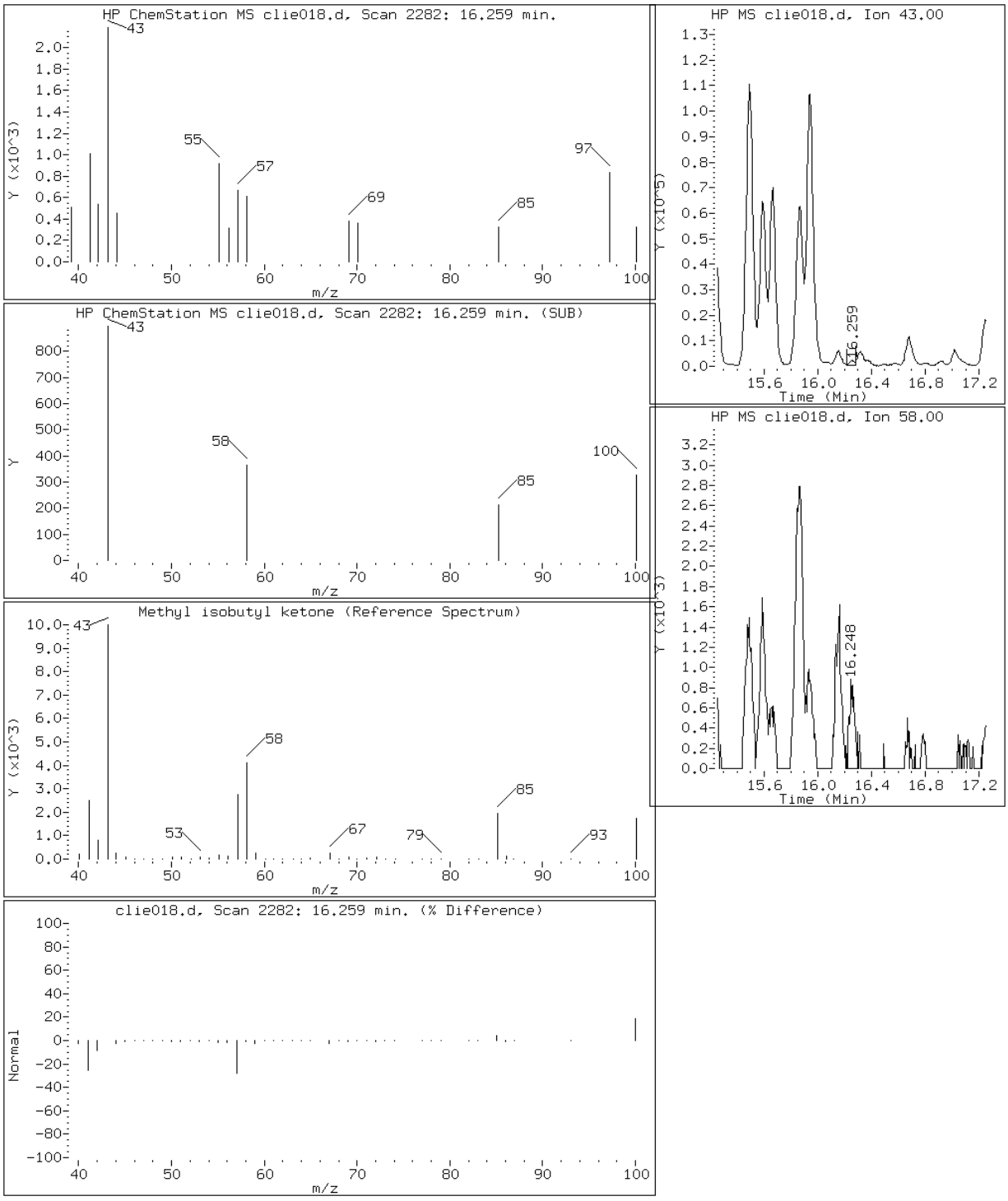
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

56 Methyl isobutyl ketone



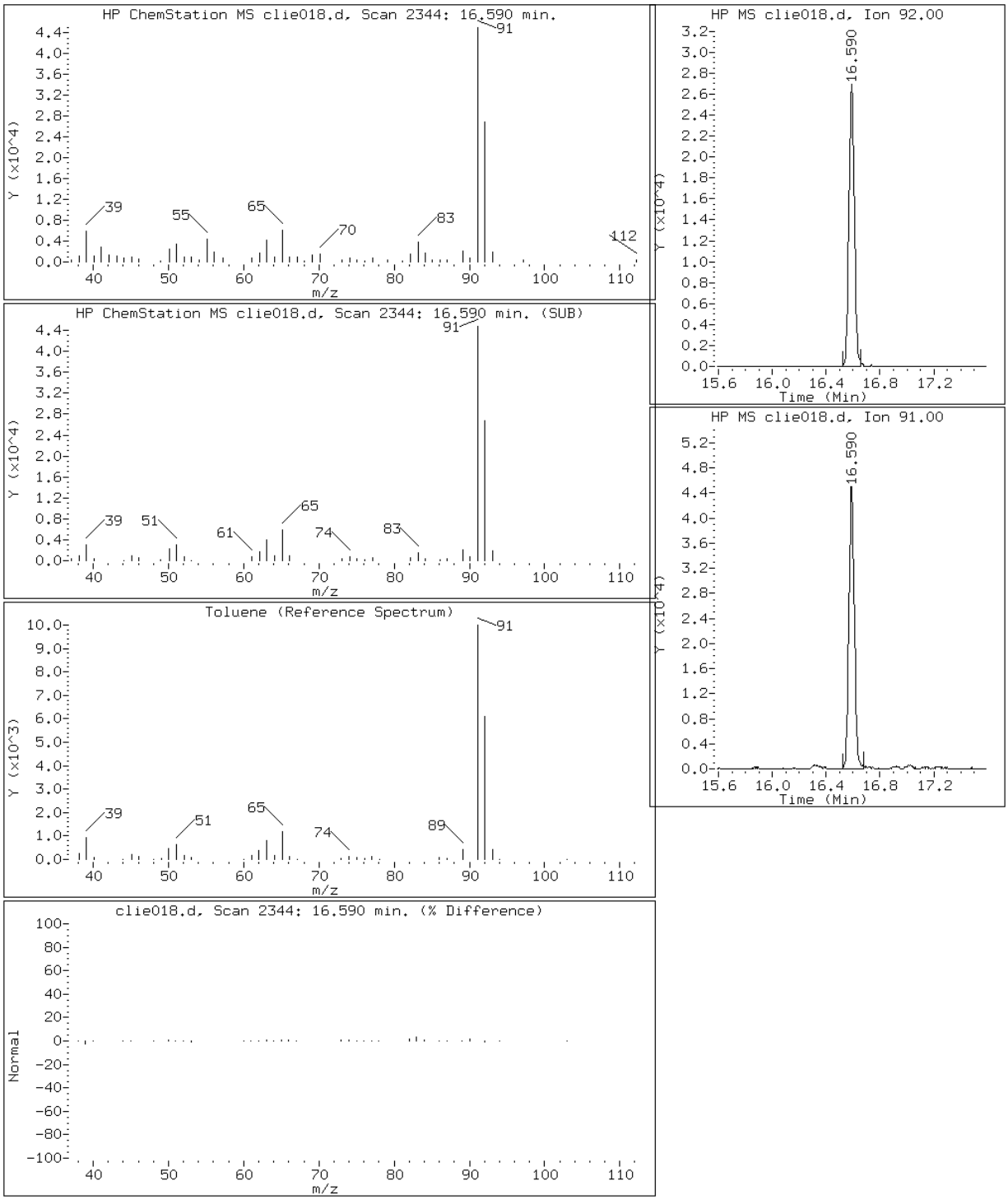
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

58 Toluene



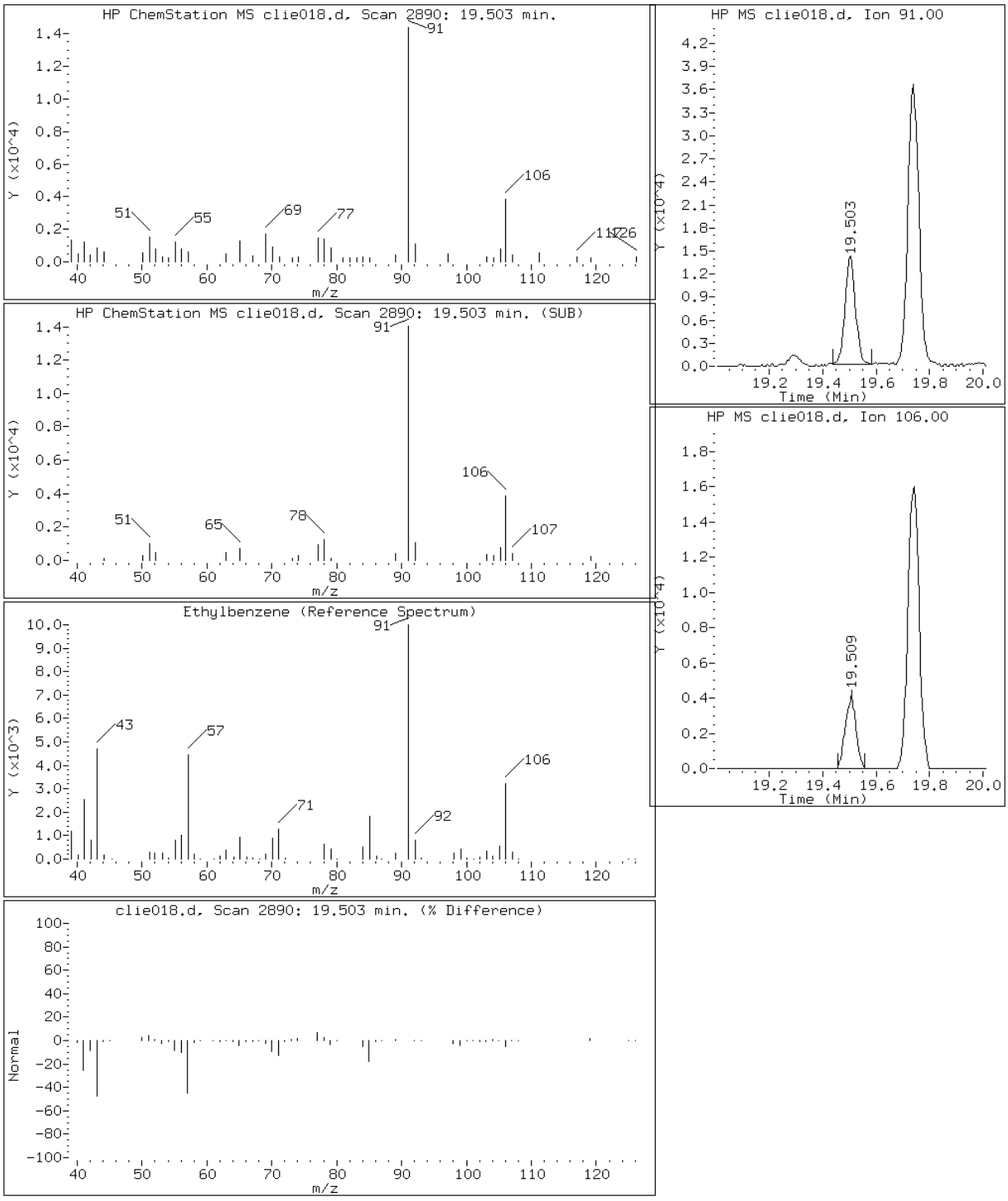
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

68 Ethylbenzene



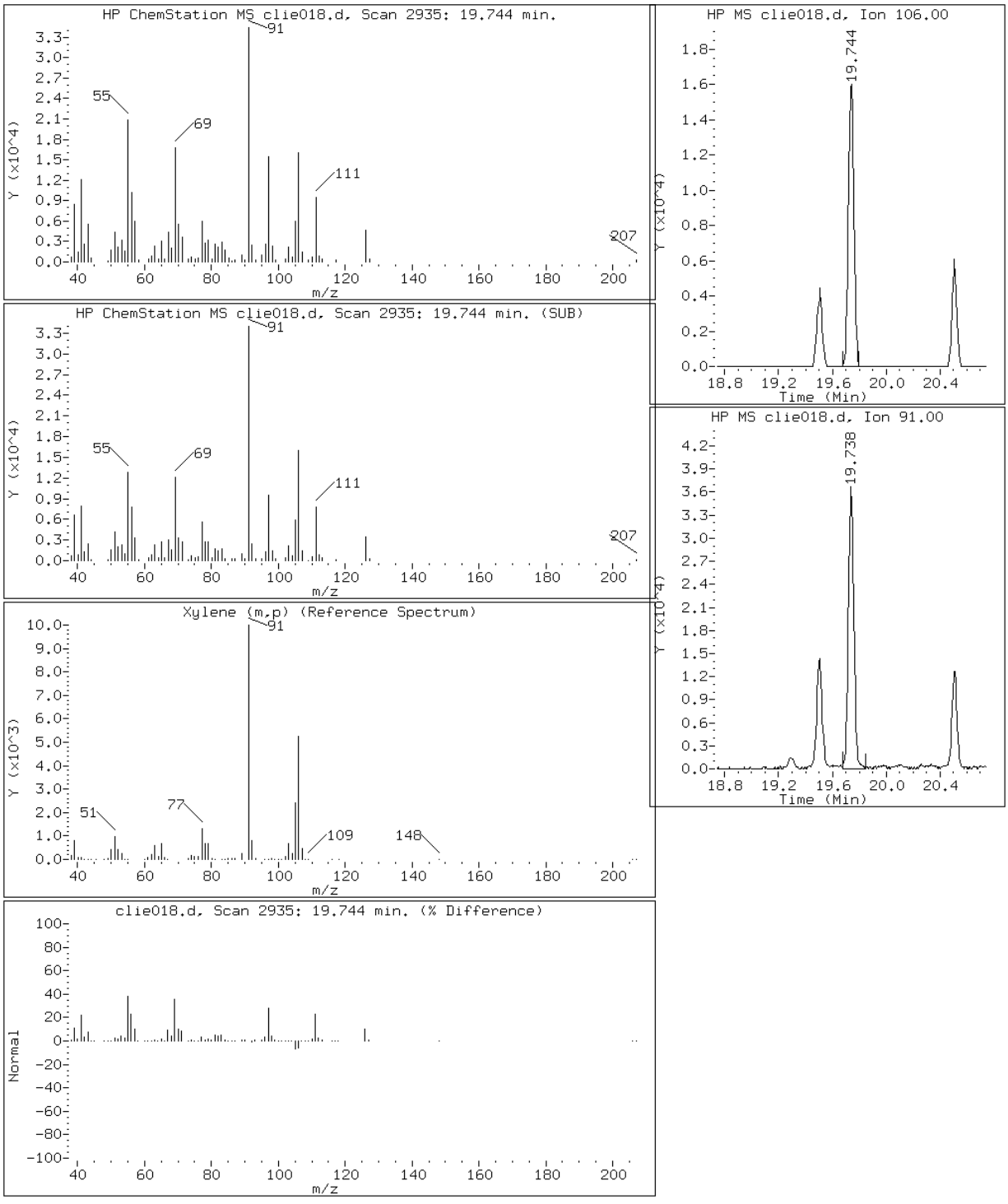
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Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

69 Xylene (m,p)



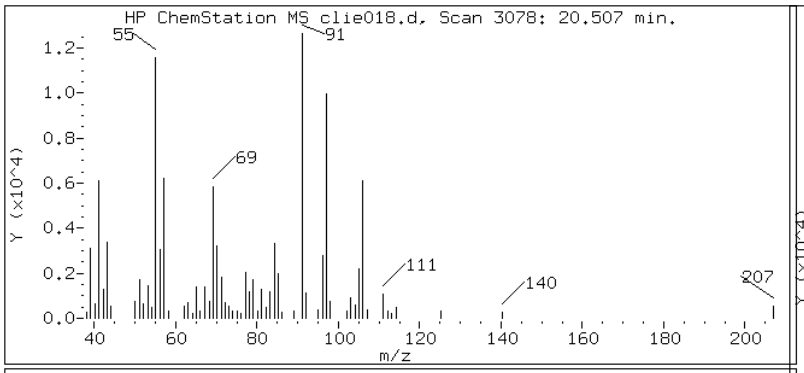
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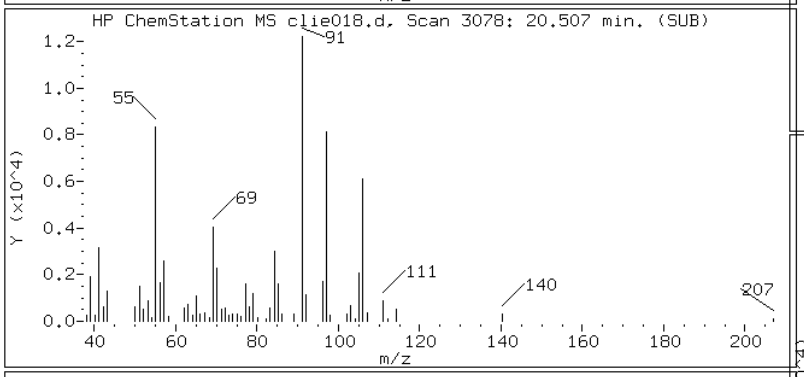
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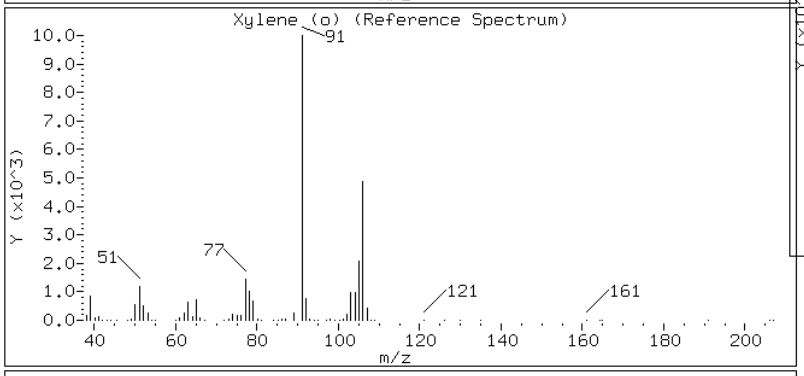
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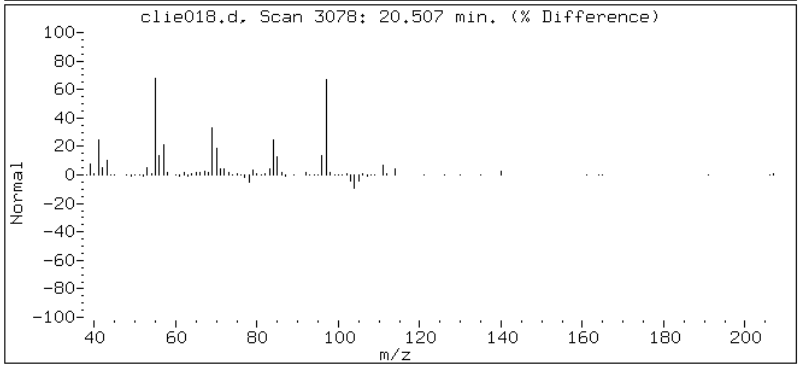
Sample Info: 280-39218-A-6 Operator: wrd

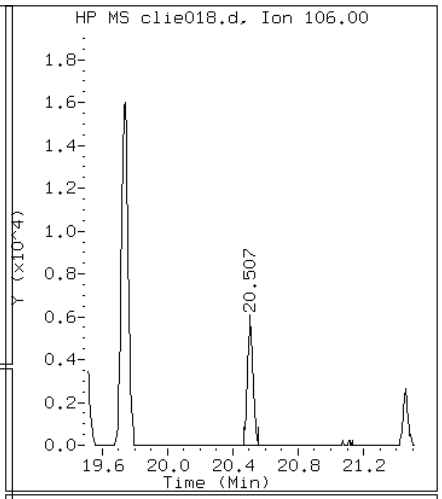
71 Xylene (o)

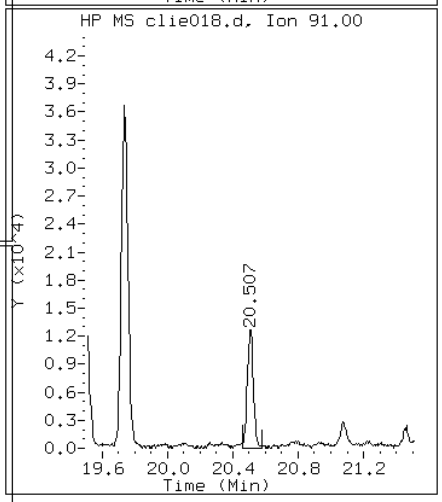












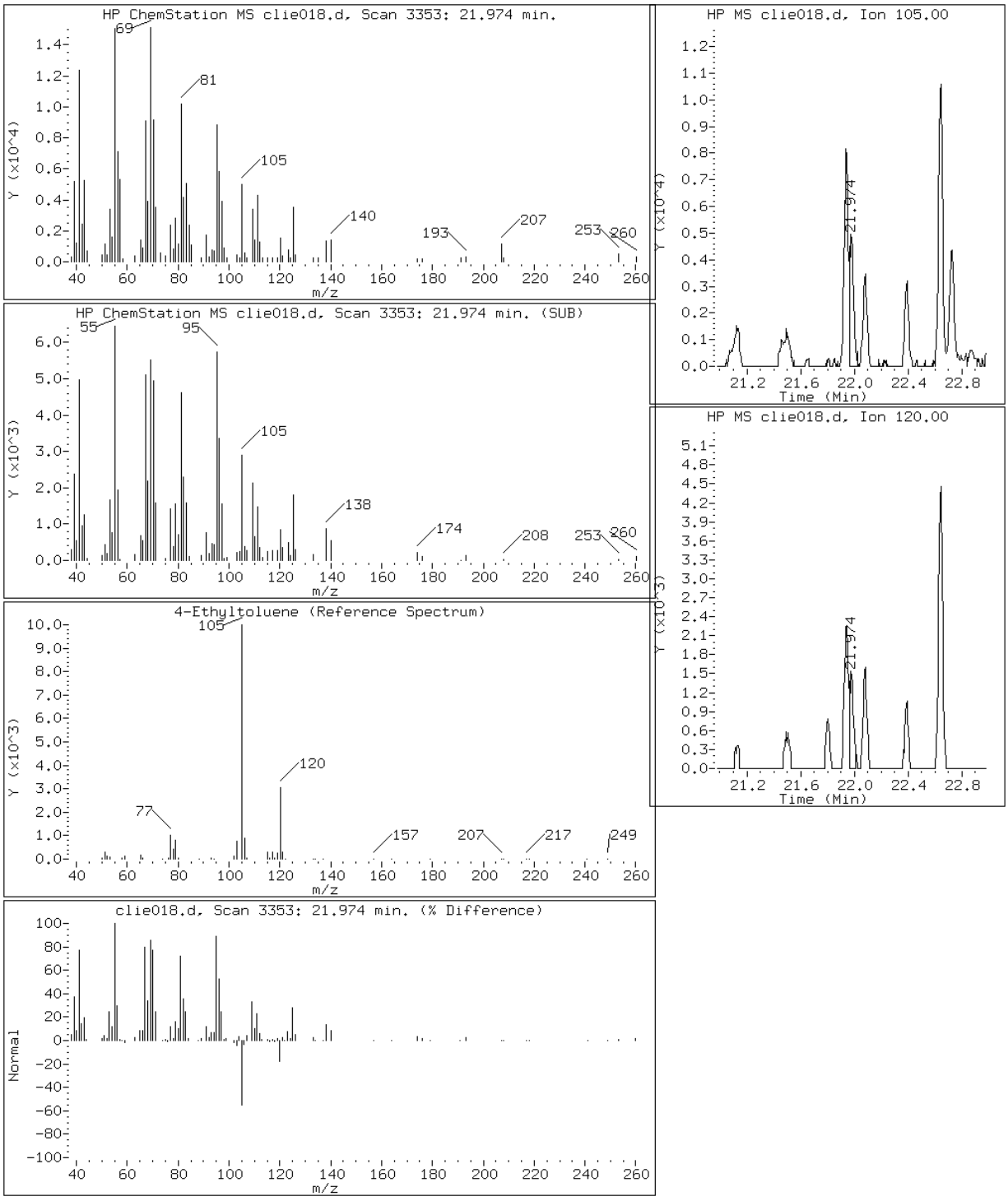
Data File: clie018.d

Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

79 4-Ethyltoluene



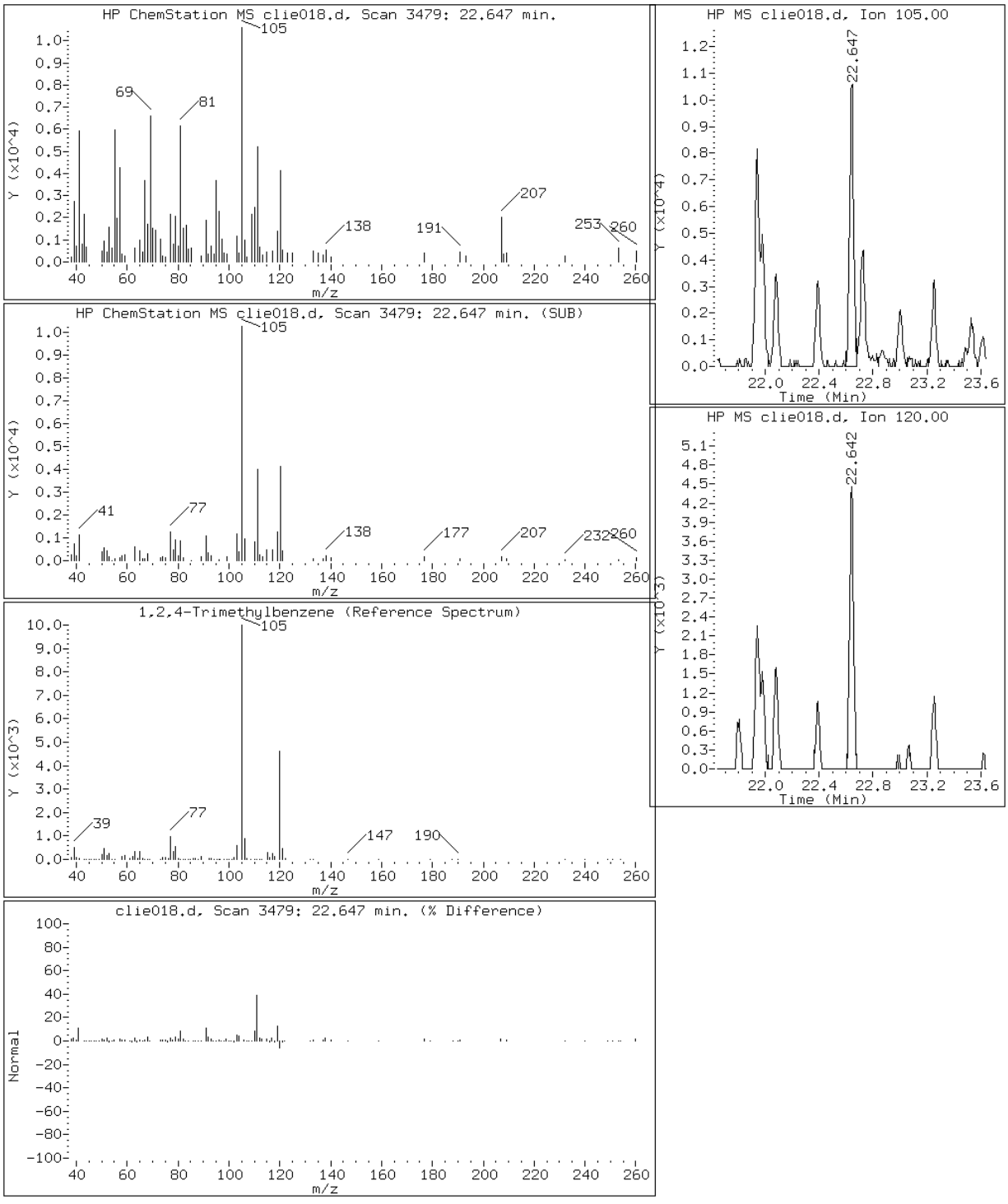
Data File: clie018.d

Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

84 1,2,4-Trimethylbenzene



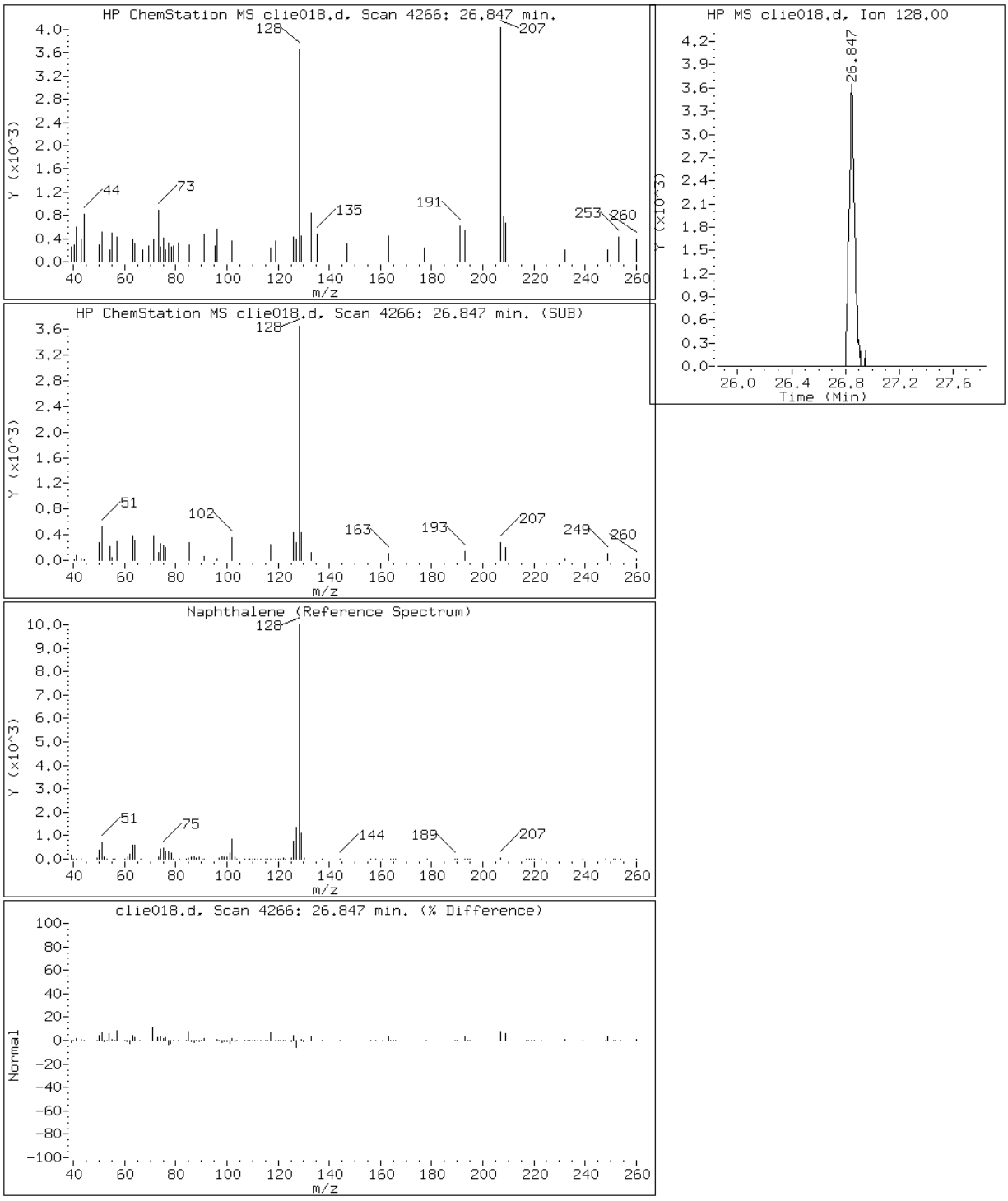
Data File: clie018.d

Lab Sample ID: 280-39218-6 Date: 15-MAR-2013 02:06

Client ID: 776VMP0201HA Instrument: C.i

Sample Info: 280-39218-A-6 Operator: wrd

96 Naphthalene



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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0301HA Lab Sample ID: 280-39218-7

Matrix: Air Lab File ID: clie019.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:30

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.54		0.50	0.020
75-45-6	Freon 22	86.47	14	Q	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.58		0.50	0.034
106-97-8	n-Butane	58.12	0.76		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.021
76-13-1	Freon TF	187.38	0.082	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	16		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	14		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.23	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.34	J	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.0		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.6		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	1.4		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.085	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.2		0.20	0.015
71-43-2	Benzene	78.11	0.31		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.071	J	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0301HA Lab Sample ID: 280-39218-7

Matrix: Air Lab File ID: clie019.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:30

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.3		0.20	0.017
79-01-6	Trichloroethene	131.39	0.45		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	1.0		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.23		0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.59		0.50	0.022
95-47-6	Xylene, o-	106.17	0.17	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.76		0.20	0.016
100-42-5	Styrene	104.15	0.033	J	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0301HA Lab Sample ID: 280-39218-7

Matrix: Air Lab File ID: clie019.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:30

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0301HA Lab Sample ID: 280-39218-7

Matrix: Air Lab File ID: clie019.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:30

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.099
75-45-6	Freon 22	86.47	50	Q	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.2		1.0	0.070
106-97-8	n-Butane	58.12	1.8		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.12
76-13-1	Freon TF	187.38	0.63	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	37		12	0.95
67-63-0	Isopropyl alcohol	60.10	34		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.79	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	1.0	J	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	7.2		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	4.6		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	5.0		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.53	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	5.7		0.93	0.070
71-43-2	Benzene	78.11	0.99		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.29	J	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0301HA Lab Sample ID: 280-39218-7

Matrix: Air Lab File ID: clie019.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:30

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	5.4		0.82	0.070
79-01-6	Trichloroethene	131.39	2.4		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	3.8		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.98		0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.6		2.2	0.096
95-47-6	Xylene, o-	106.17	0.72	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	3.3		0.87	0.069
100-42-5	Styrene	104.15	0.14	J	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776VMP0301HA Lab Sample ID: 280-39218-7

Matrix: Air Lab File ID: clie019.d

Analysis Method: TO-15 Date Collected: 02/21/2013 12:30

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 02:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-7
Client Smp ID: 776VMP0301HA
Inj Date : 15-MAR-2013 02:59
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-7
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	52143	0.53864	0.54
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	743834	14.2429	14
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.774	4.779	(0.399)	16780	0.57548	0.58
6 Butane	43	5.040	5.046	(0.422)	36646	0.75884	0.76
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	24823	0.26048	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.933	7.944	(0.664)	5114	0.08221	0.082(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.147	8.157	(0.682)	602269	15.6302	16
21 Carbon disulfide	76	Compound Not Detected.					

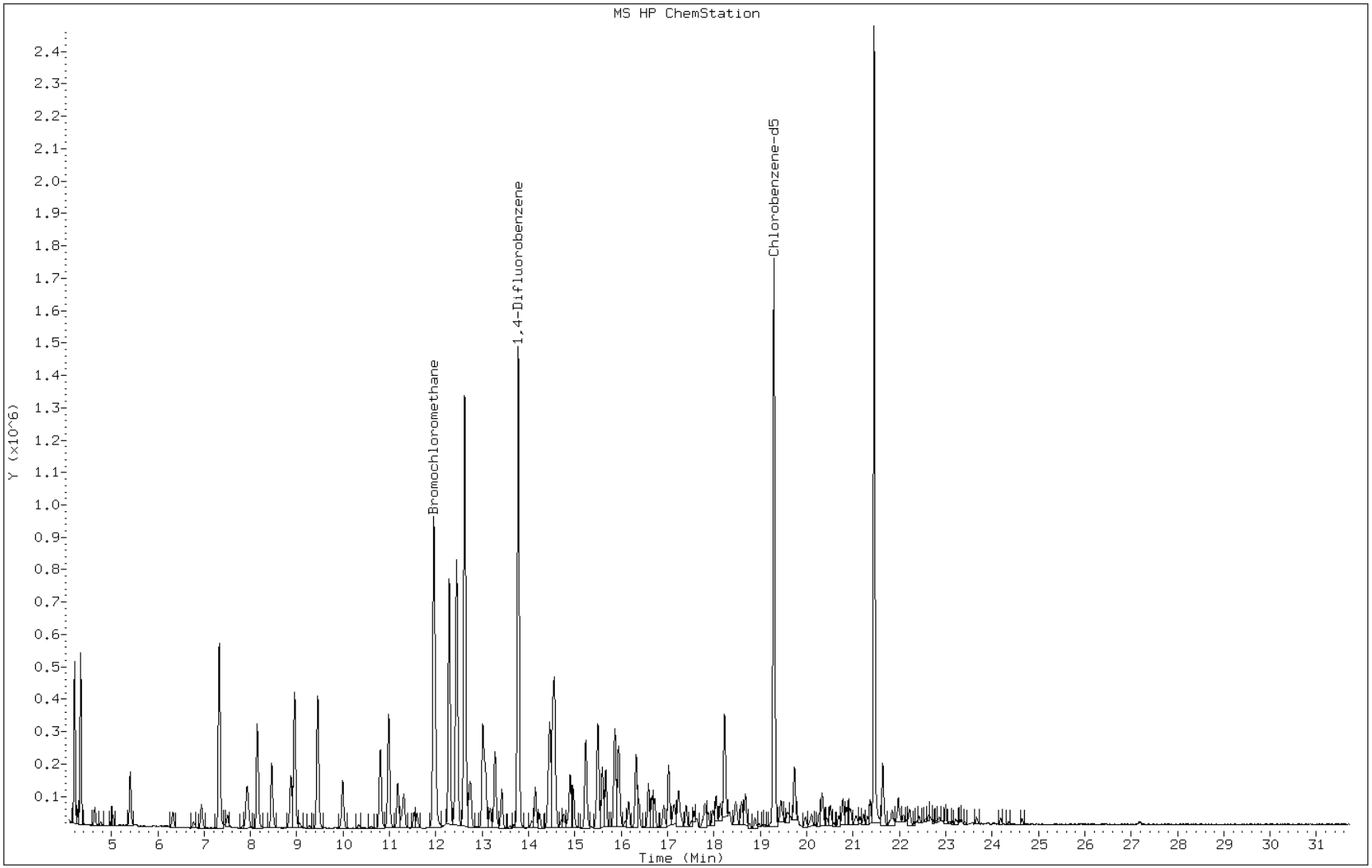
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
22	Isopropanol	45	8.461	8.461	(0.708)	386636	13.7192	14
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	9.054	9.059	(0.758)	7869	0.22796	0.23(a)
26	Tert-butyl alcohol	59	9.278	9.267	(0.776)	13740	0.33676	0.34(a)
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.993	9.998	(0.836)	108499	2.02939	2.0
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	22693	1.55151	1.6(Q)
* 37	Bromochloromethane	128	11.952	11.957	(1.000)	283355	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	12.421	12.427	(0.902)	70916	1.44116	1.4(Q)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	12.662	12.656	(0.919)	7448	0.08498	0.085(a)
43	2,2,4-Trimethylpentane	57	13.072	13.078	(0.949)	203771	1.21721	1.2(Q)
44	Benzene	78	13.051	13.051	(0.947)	35680	0.30854	0.31
45	1,2-Dichloroethane	62	13.163	13.168	(0.955)	3563	0.07055	0.071(aQ)
46	n-Heptane	43	13.419	13.419	(0.974)	79891	1.31121	1.3
* 47	1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1664576	10.0000	
49	Trichloroethene	95	14.241	14.241	(1.034)	23577	0.44507	0.45
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
58	Toluene	92	16.590	16.589	(0.860)	79329	1.01753	1.0
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	19.295	19.295	(1.000)	1517275	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	19.503	19.509	(1.011)	37084	0.22672	0.23
69	Xylene (m,p)	106	19.738	19.743	(1.023)	36509	0.59340	0.59
M 70	Xylenes, Total	106				46365	0.75915	0.76
71	Xylene (o)	106	20.512	20.512	(1.063)	9856	0.16576	0.17(aQ)
72	Styrene	104	20.549	20.544	(1.065)	2828	0.03262	0.033(a)
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.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clie019.d	Date:	15-MAR-2013 02:59
Client ID:	776VMP0301HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-7		
Lab Sample ID:	280-39218-7		



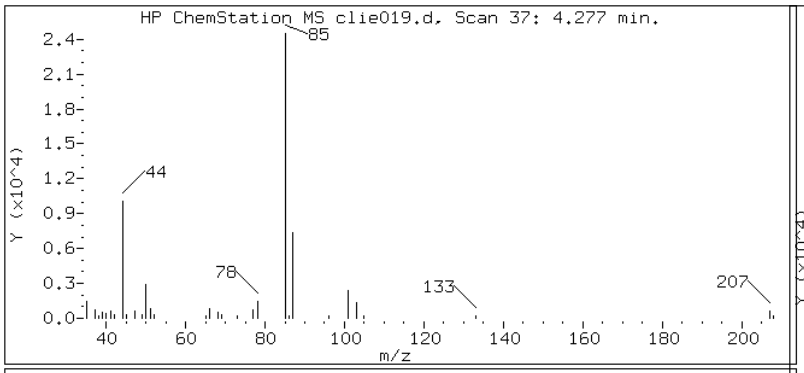
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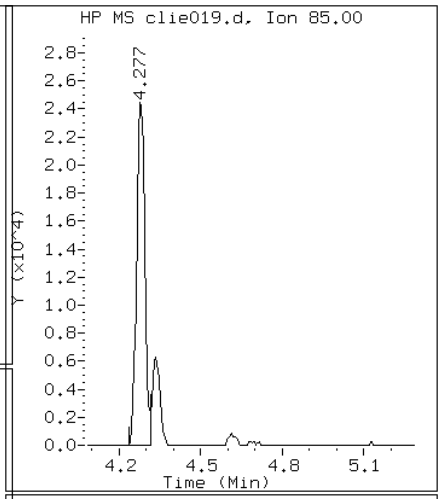
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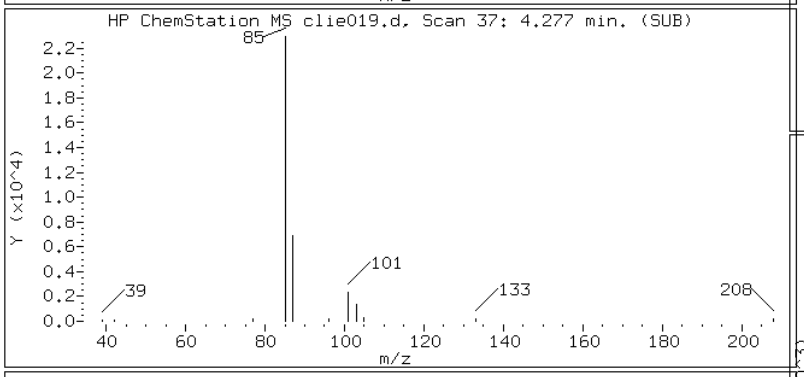
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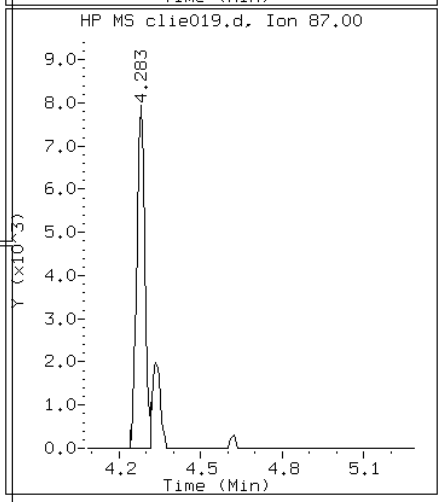
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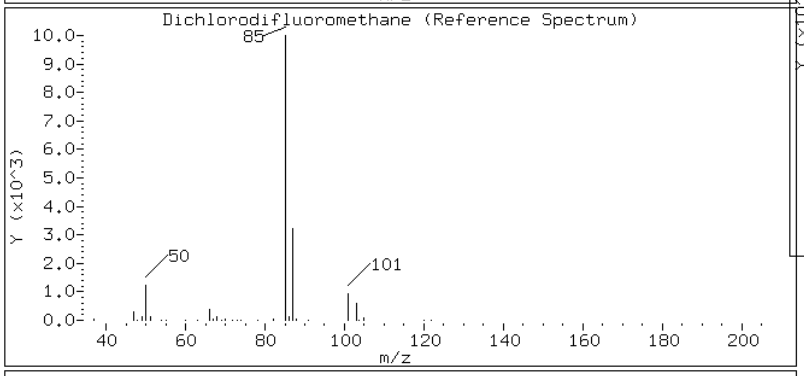
2 Dichlorodifluoromethane

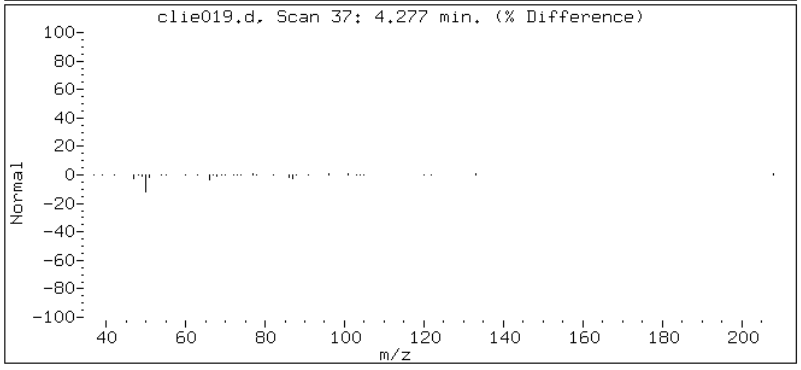












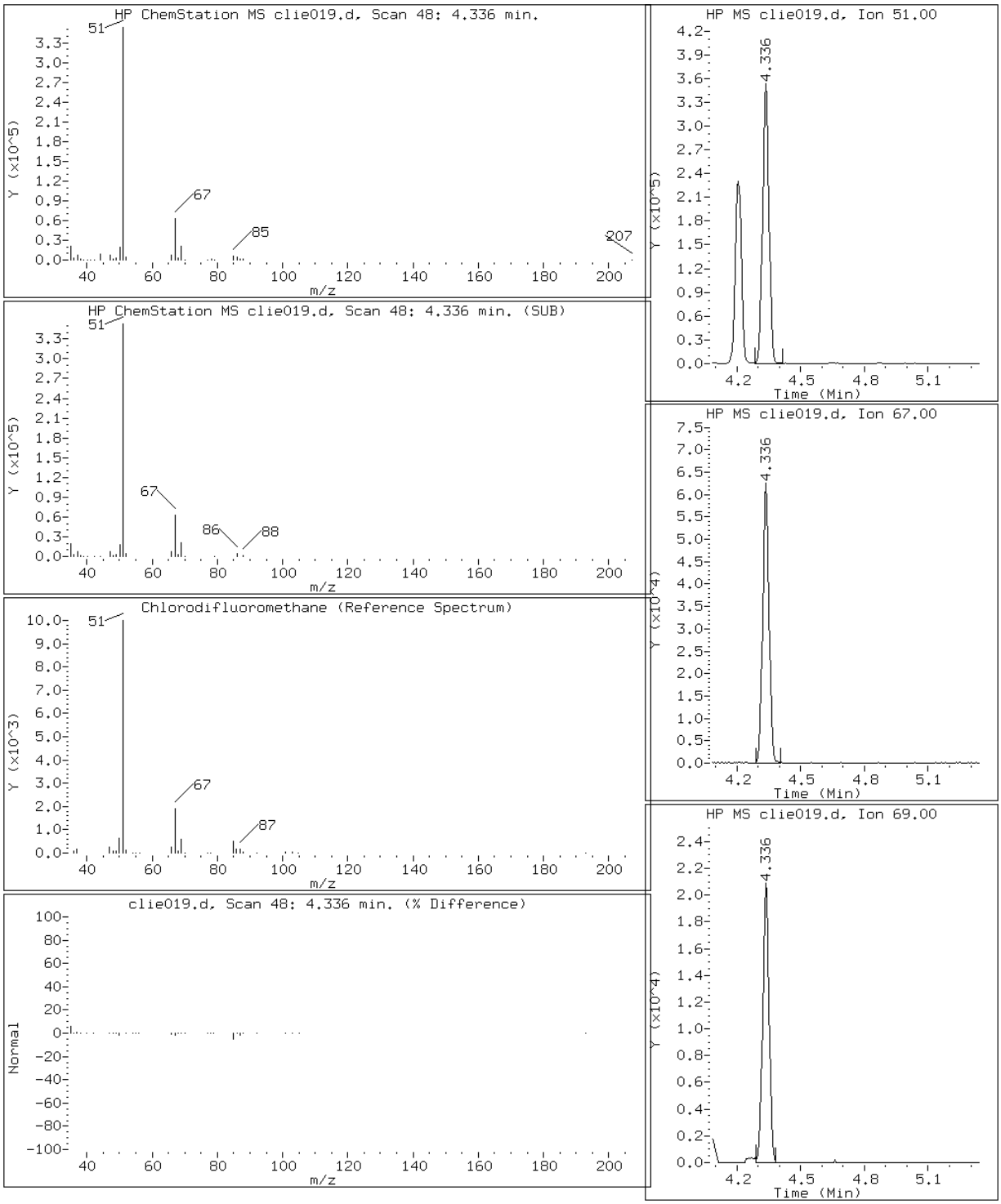
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

3 Chlorodifluoromethane



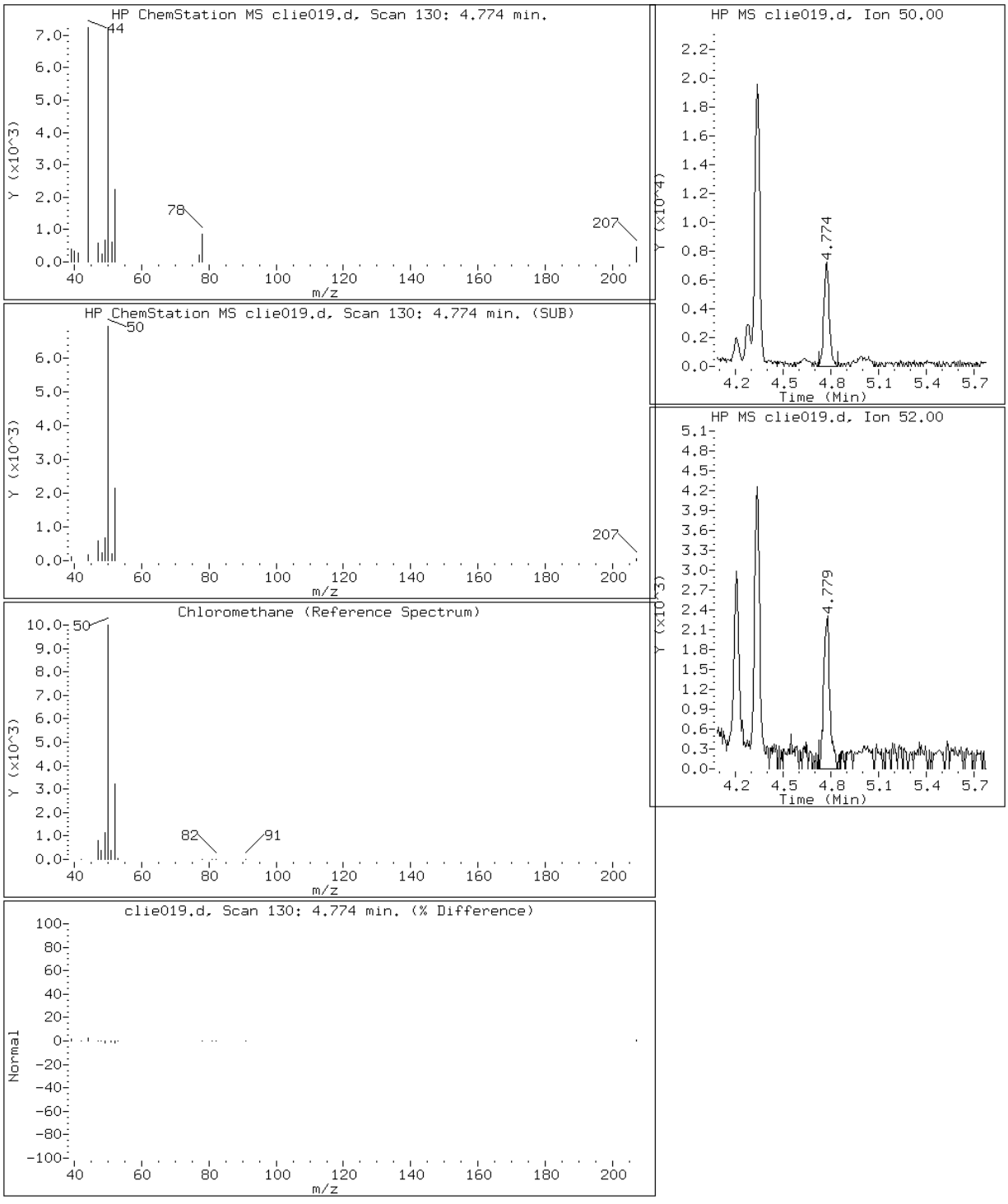
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

5 Chloromethane



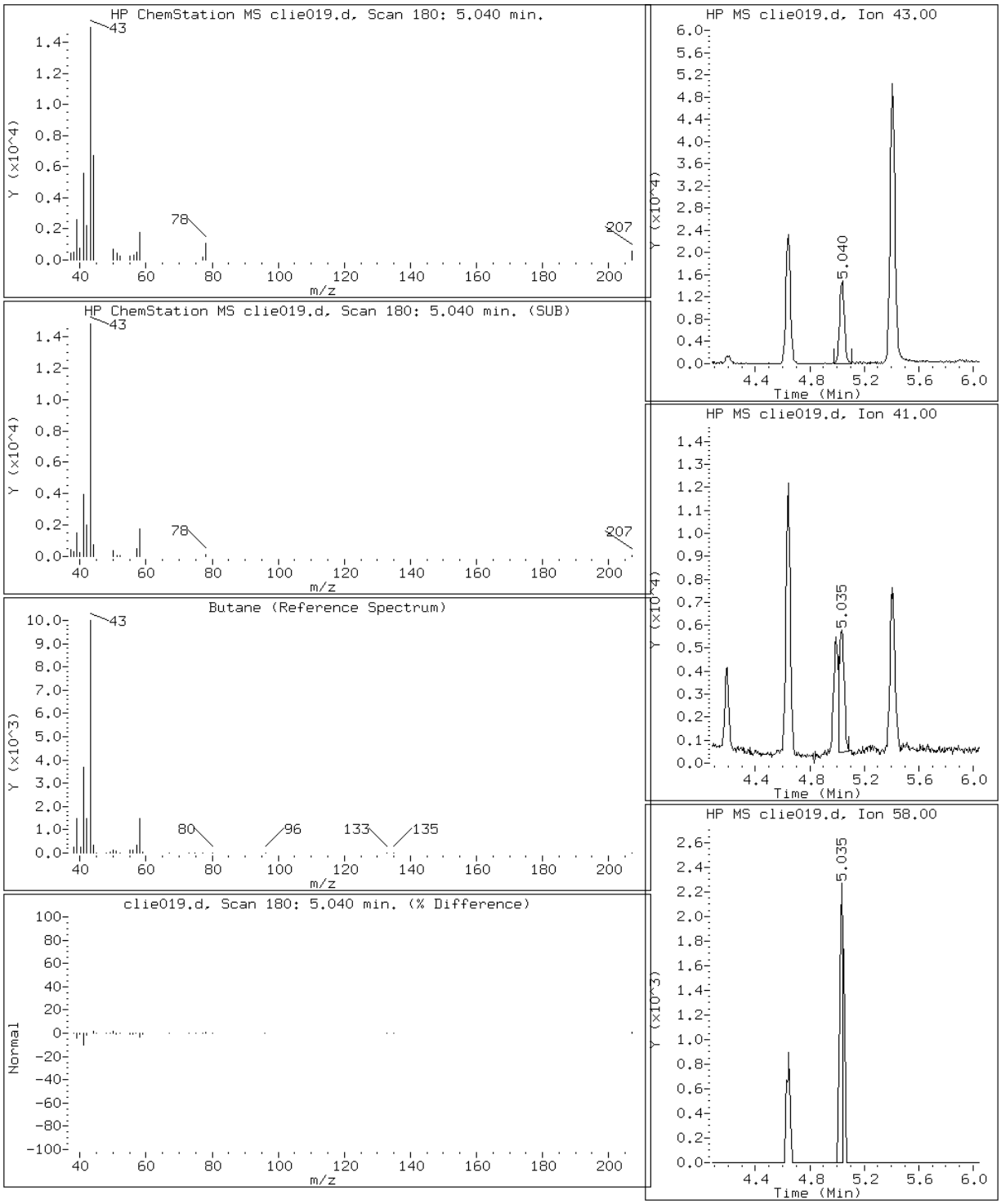
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Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

6 Butane



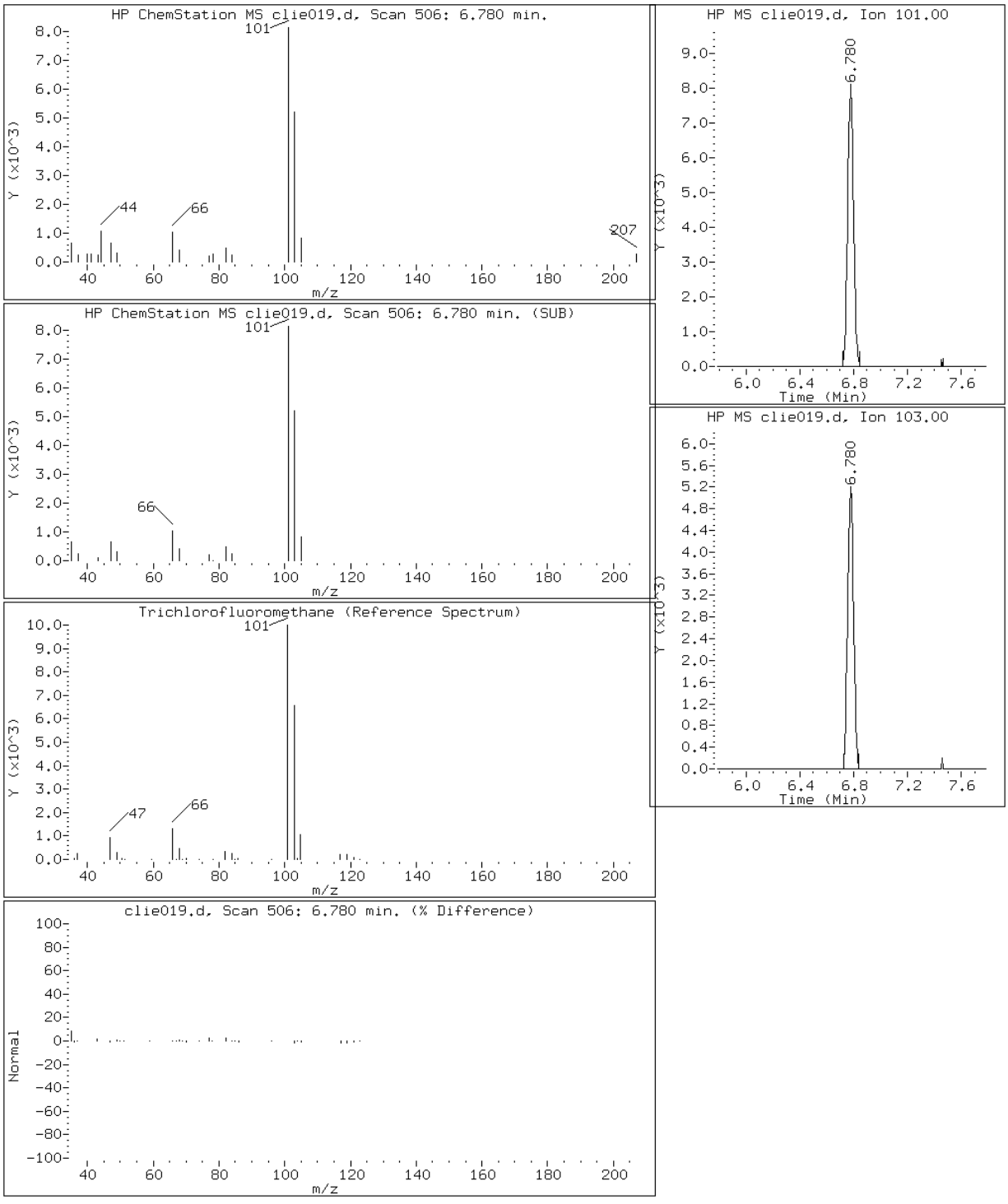
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

13 Trichlorofluoromethane



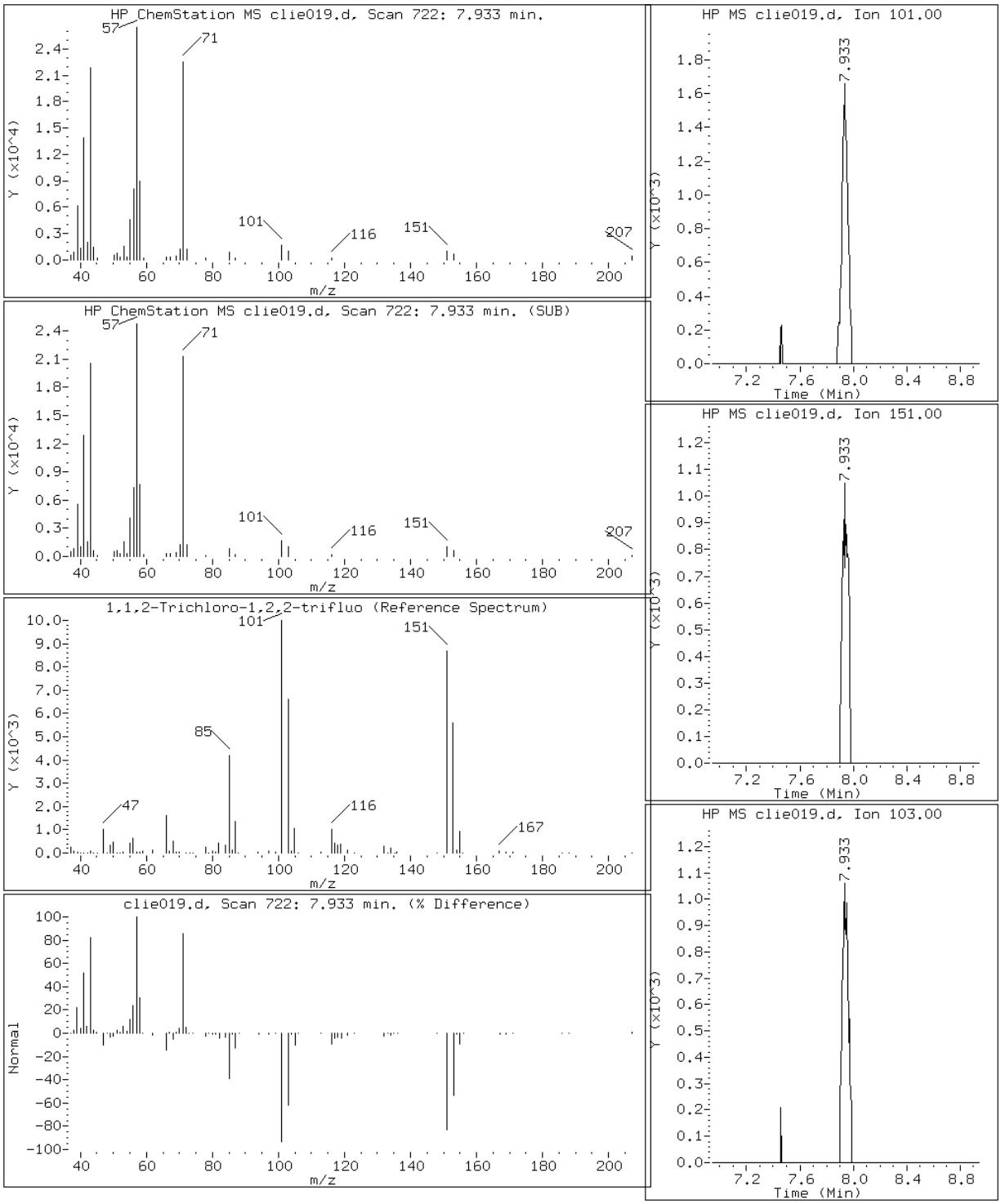
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



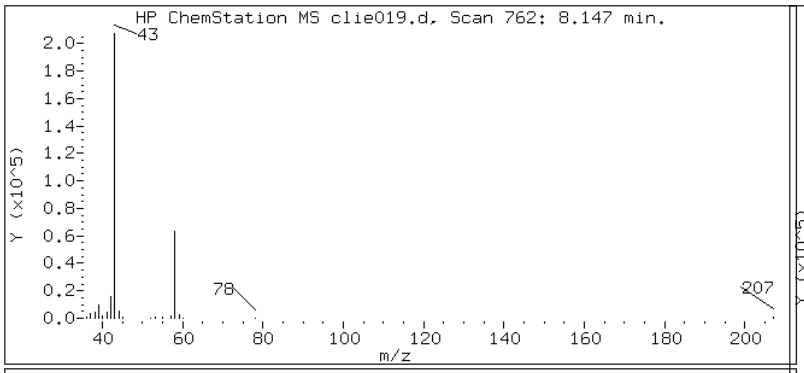
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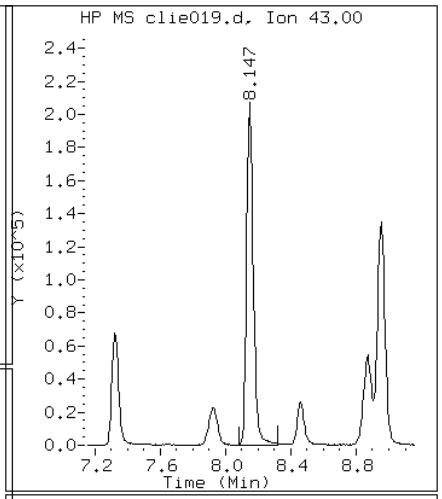
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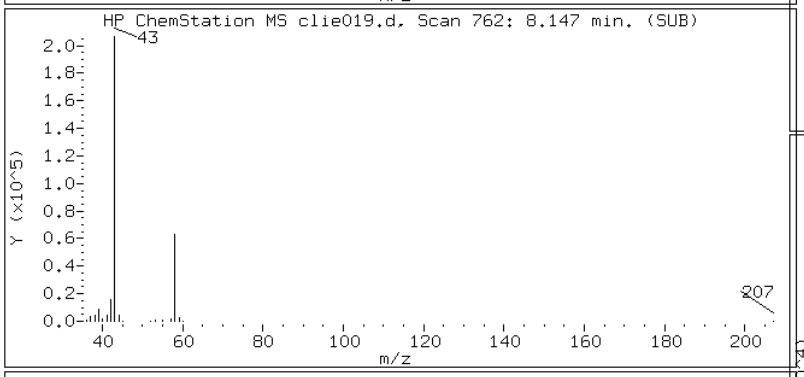
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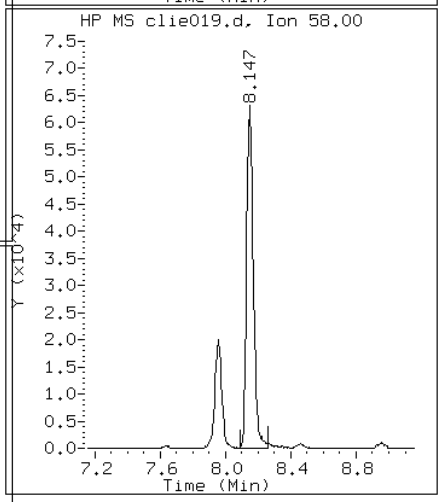
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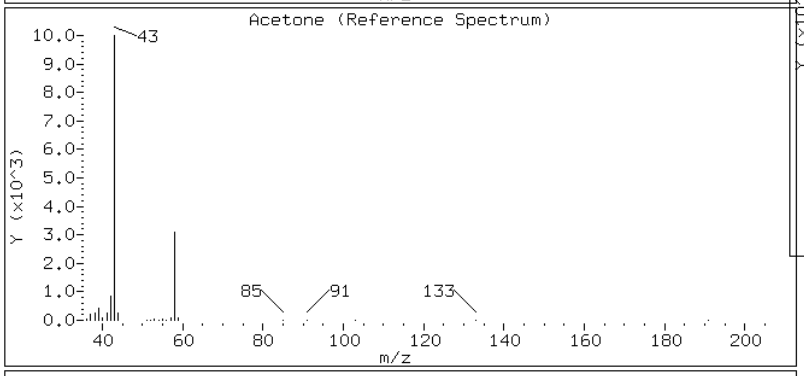
20 Acetone

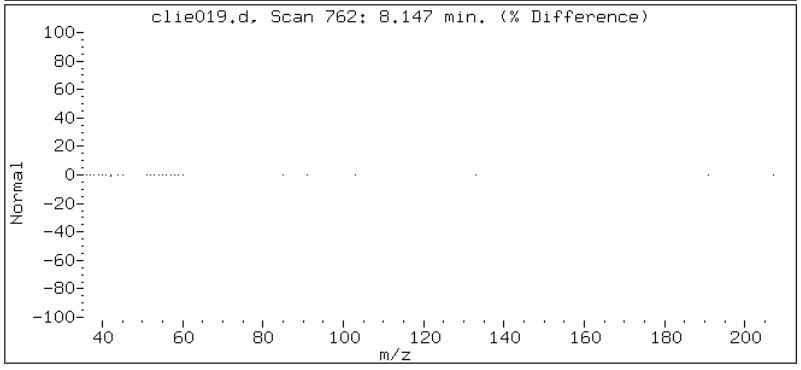












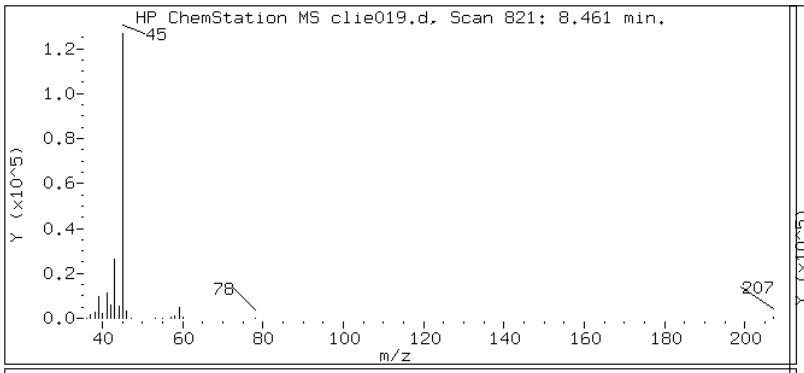
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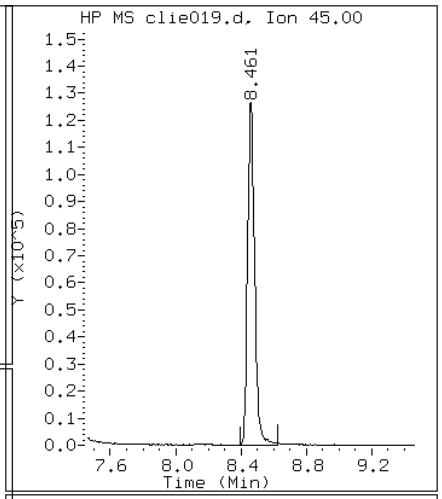
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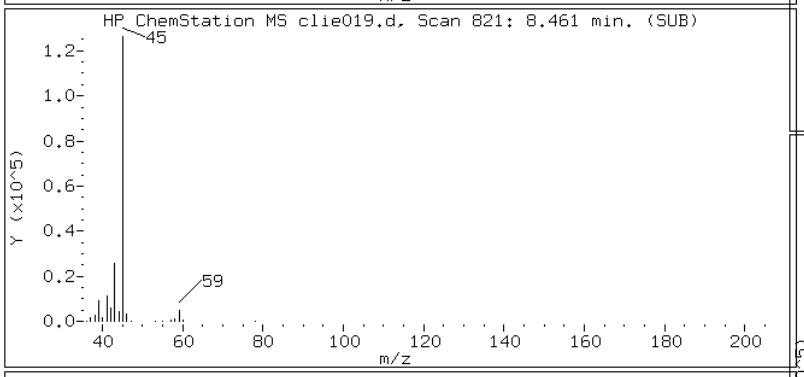
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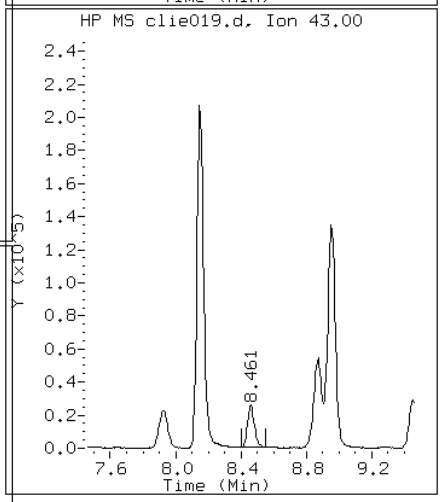
Sample Info: 280-39218-A-7 Operator: wrd

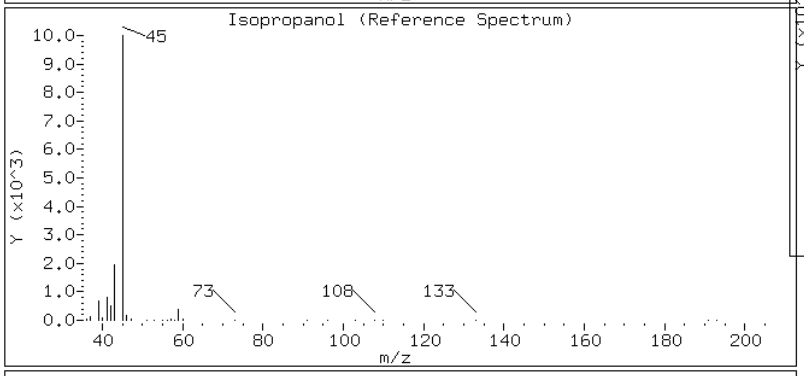
22 Isopropanol

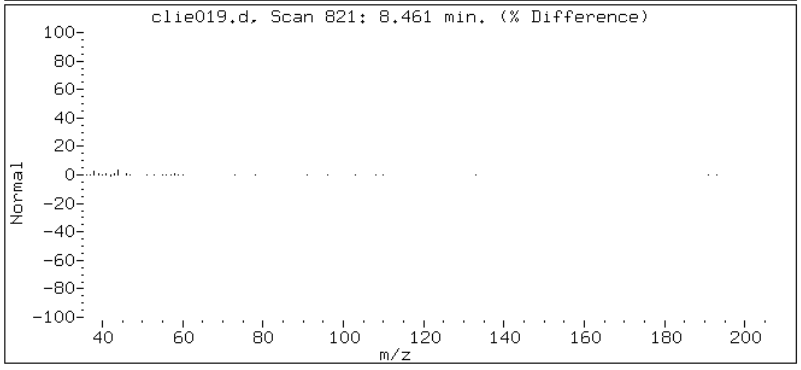












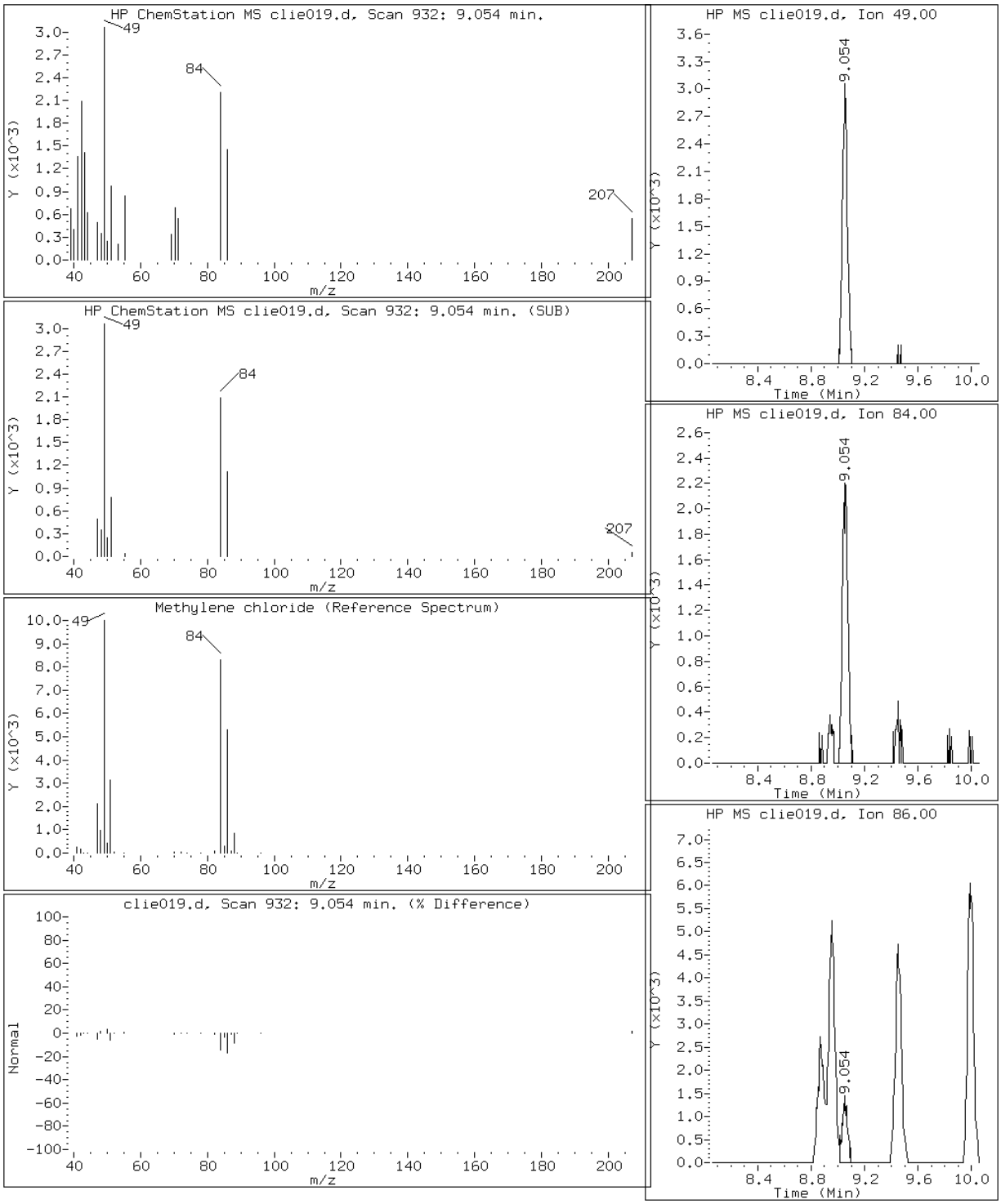
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

25 Methylene chloride



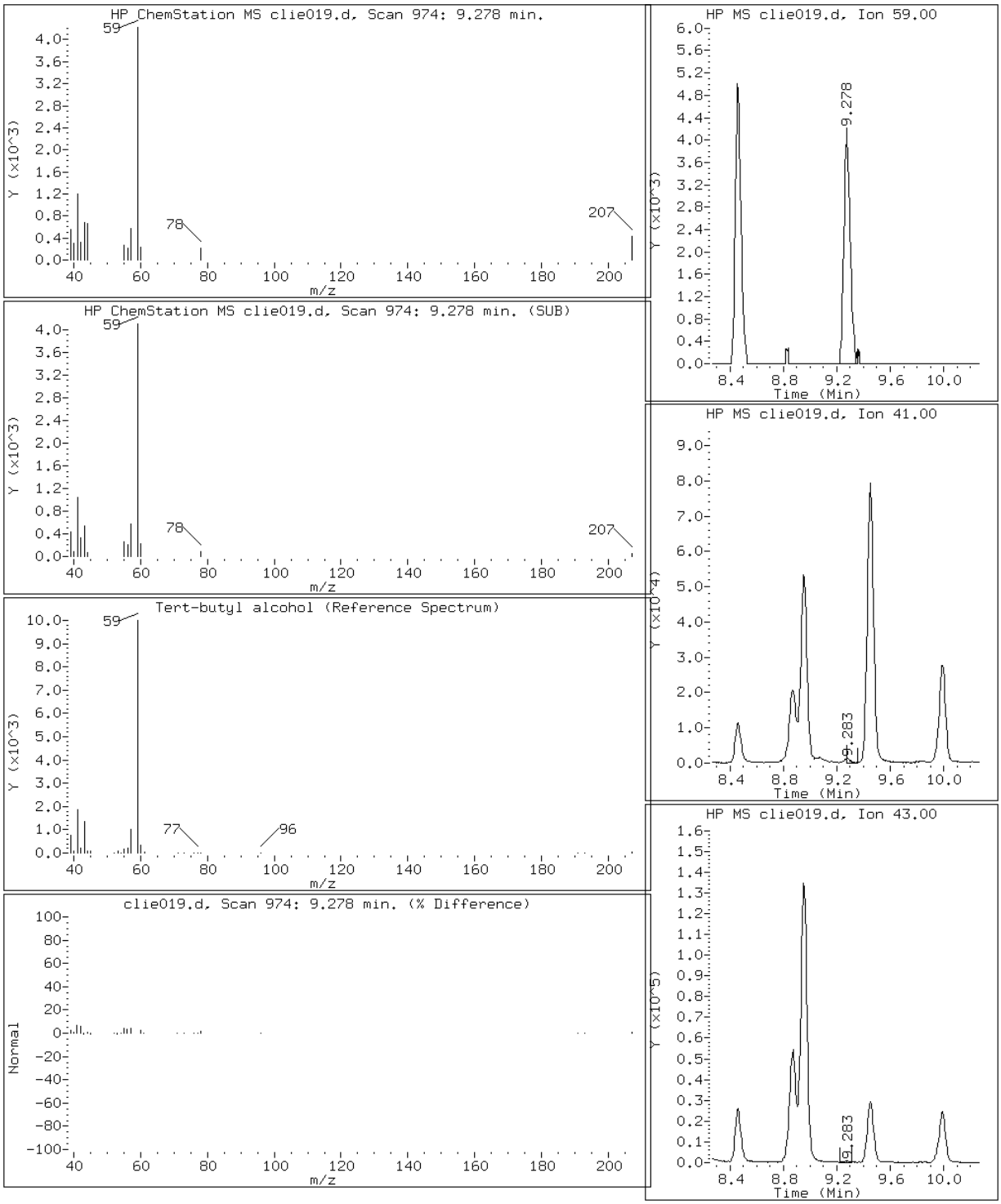
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

26 Tert-butyl alcohol



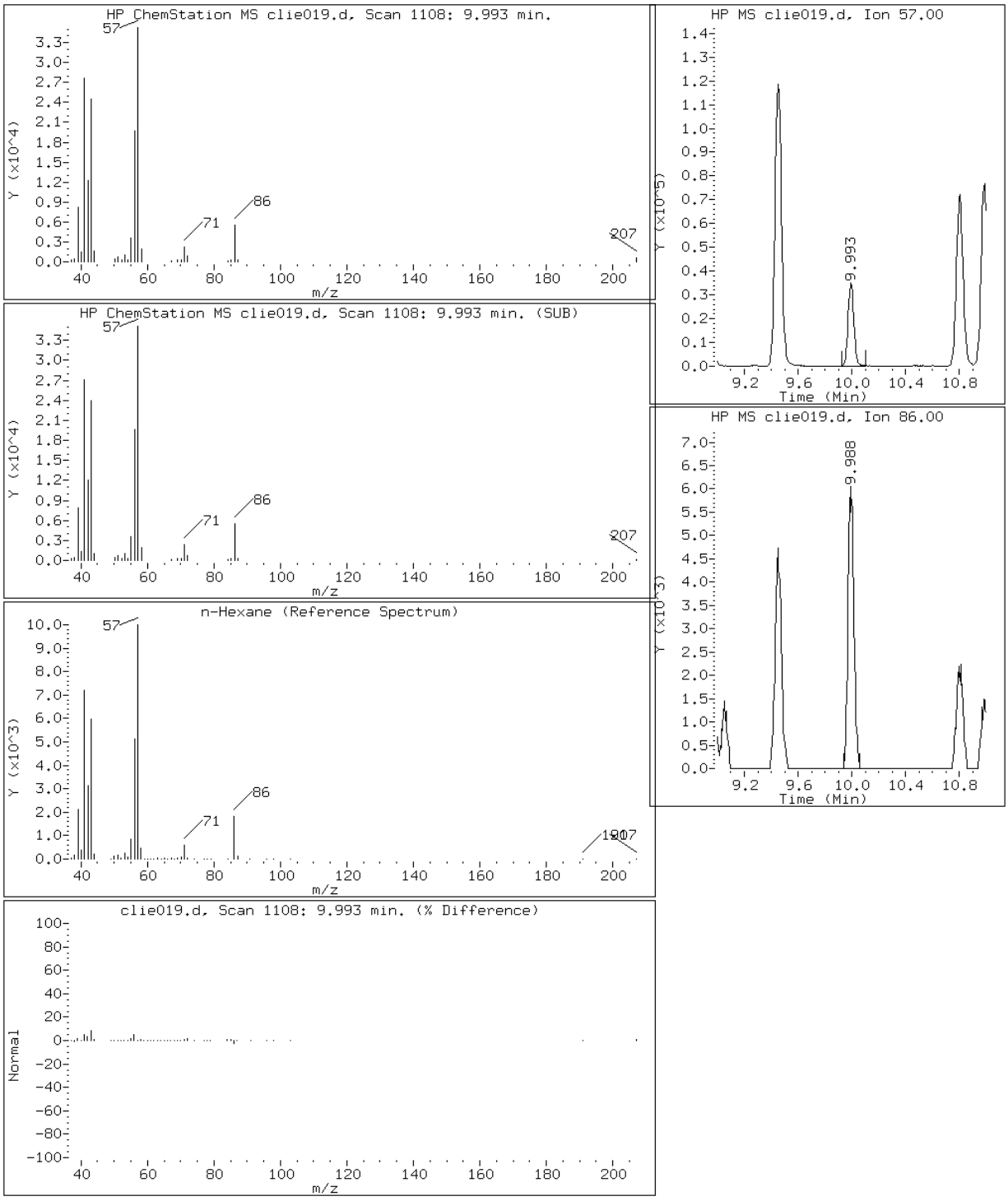
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

30 n-Hexane



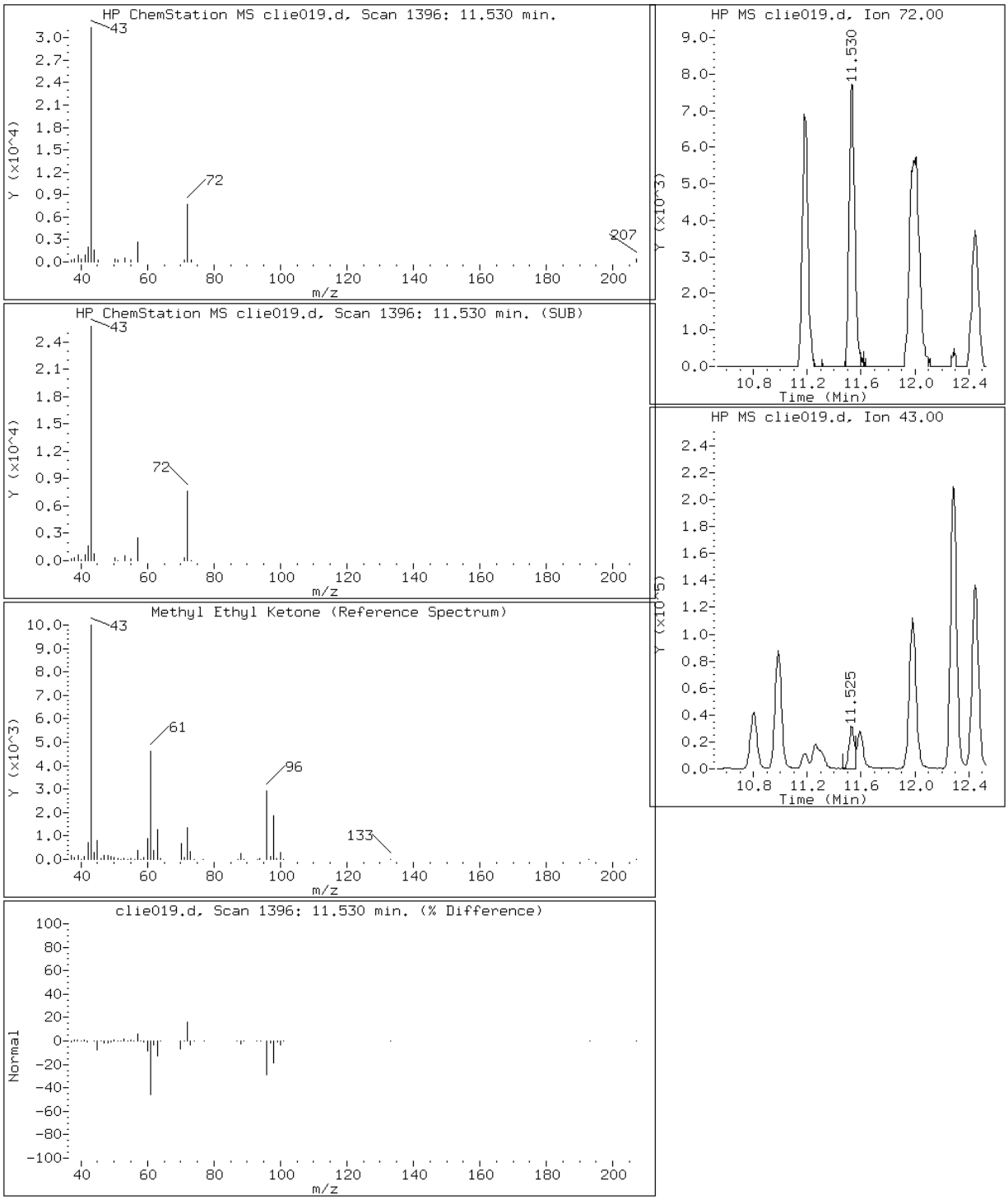
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

36 Methyl Ethyl Ketone



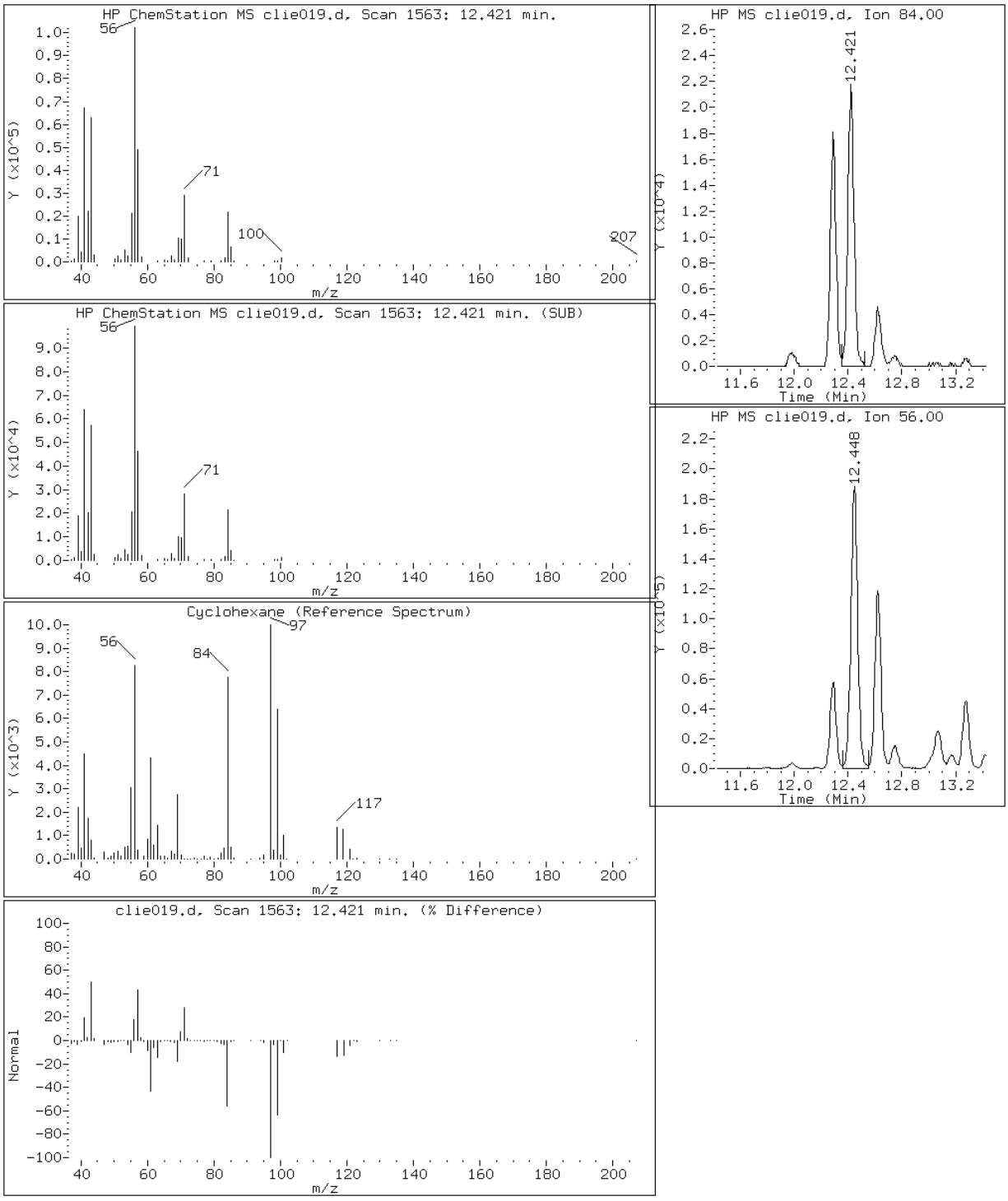
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

40 Cyclohexane



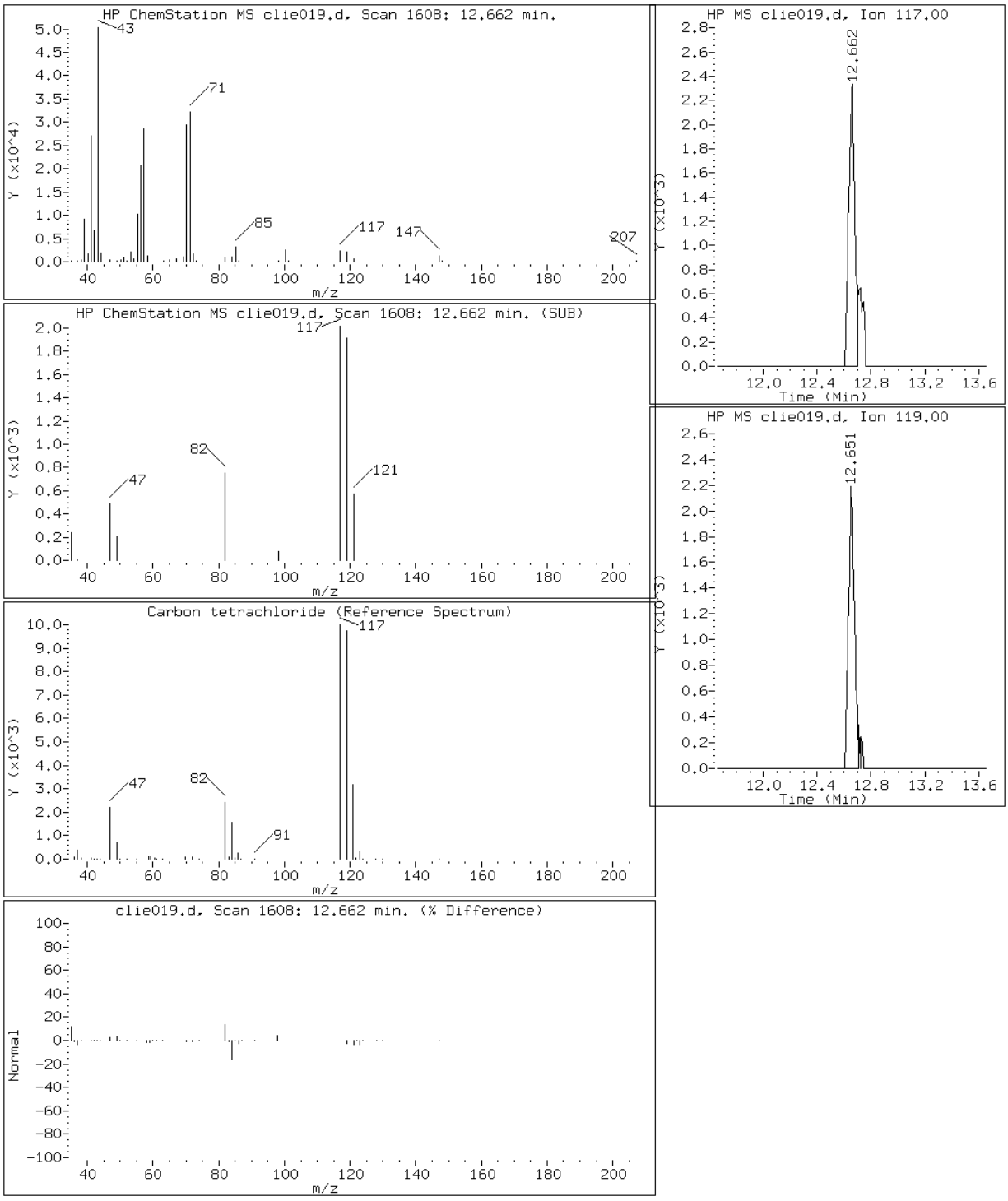
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

42 Carbon tetrachloride



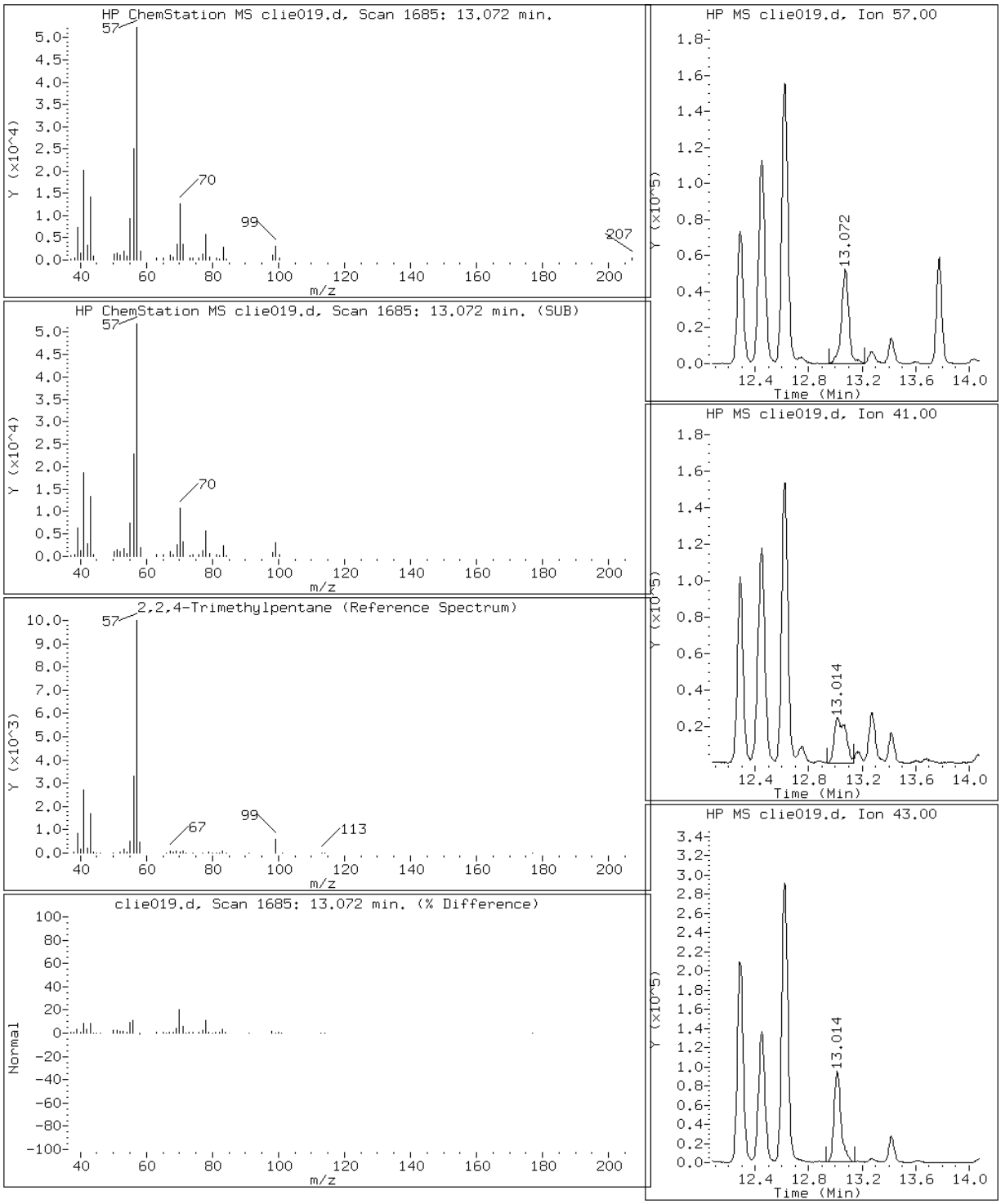
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

43 2,2,4-Trimethylpentane



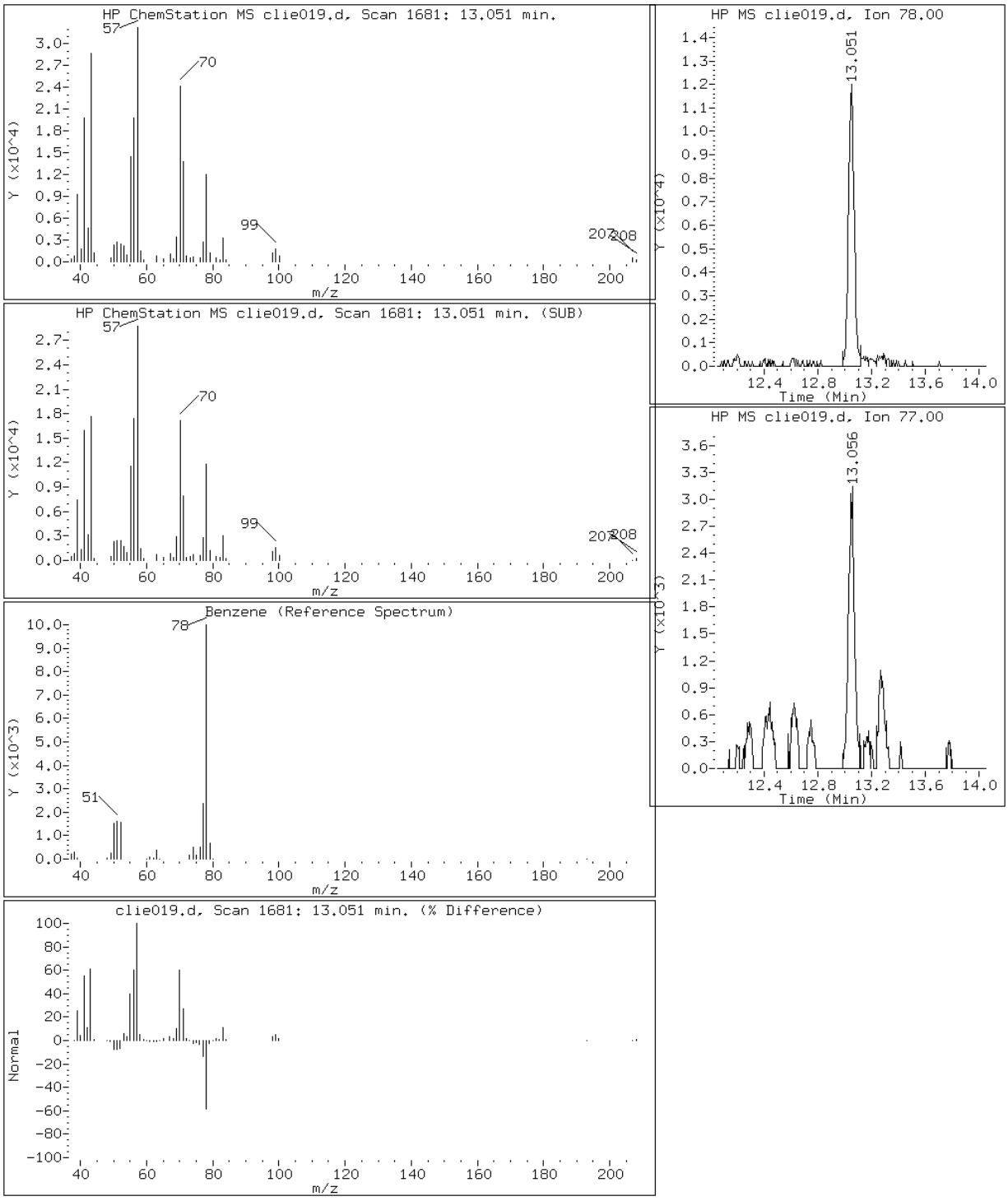
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Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

44 Benzene



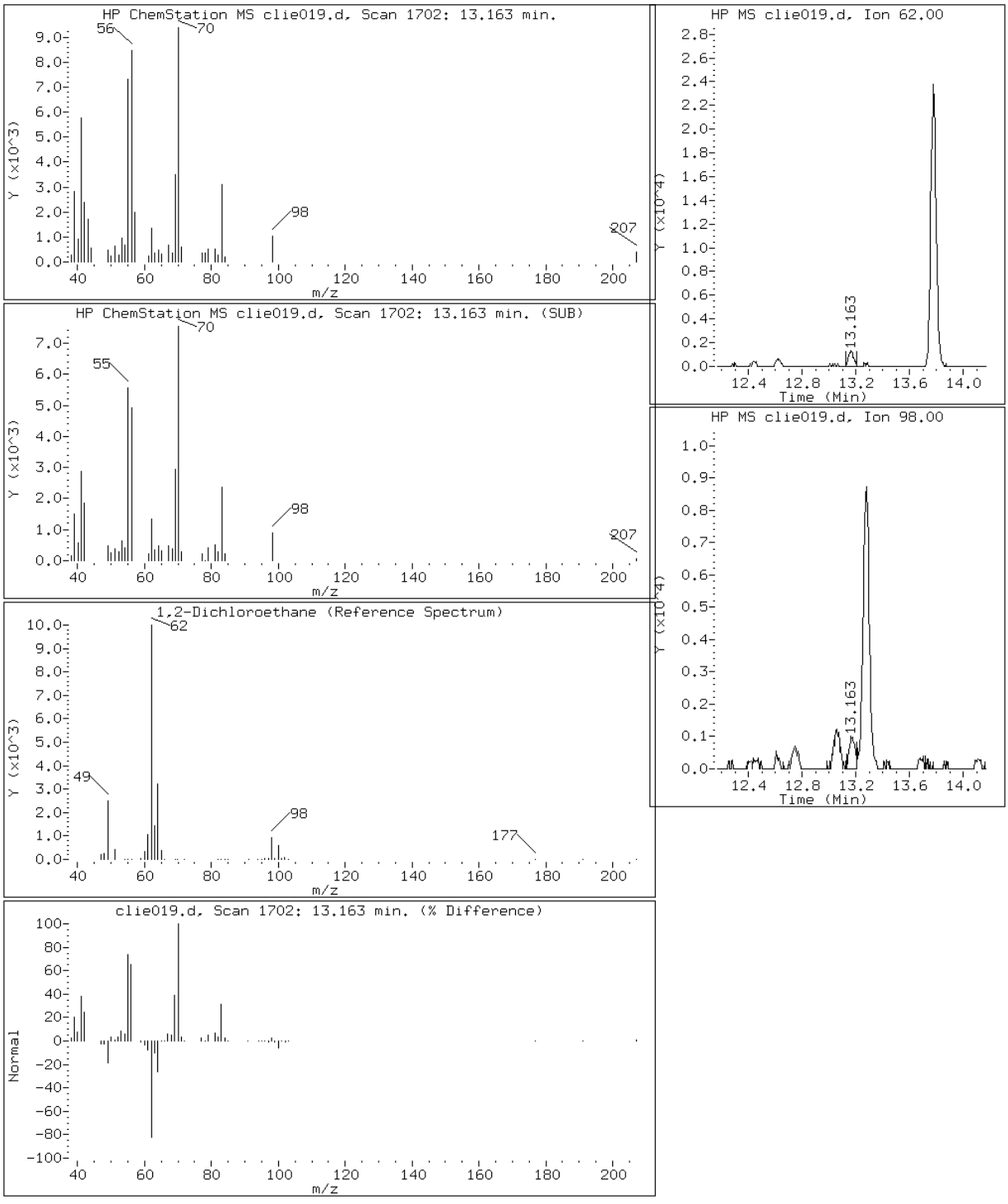
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

45 1,2-Dichloroethane



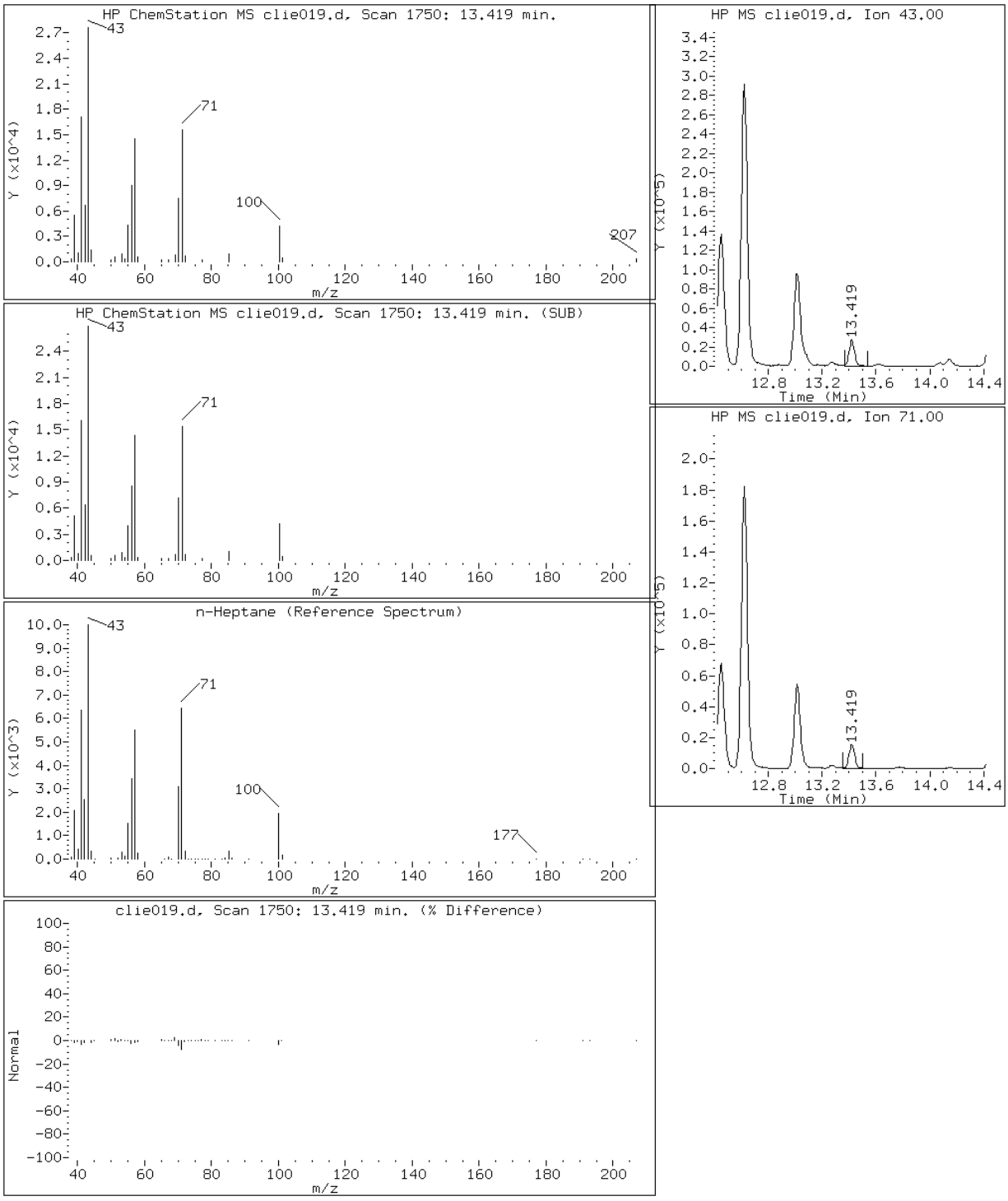
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Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

46 n-Heptane



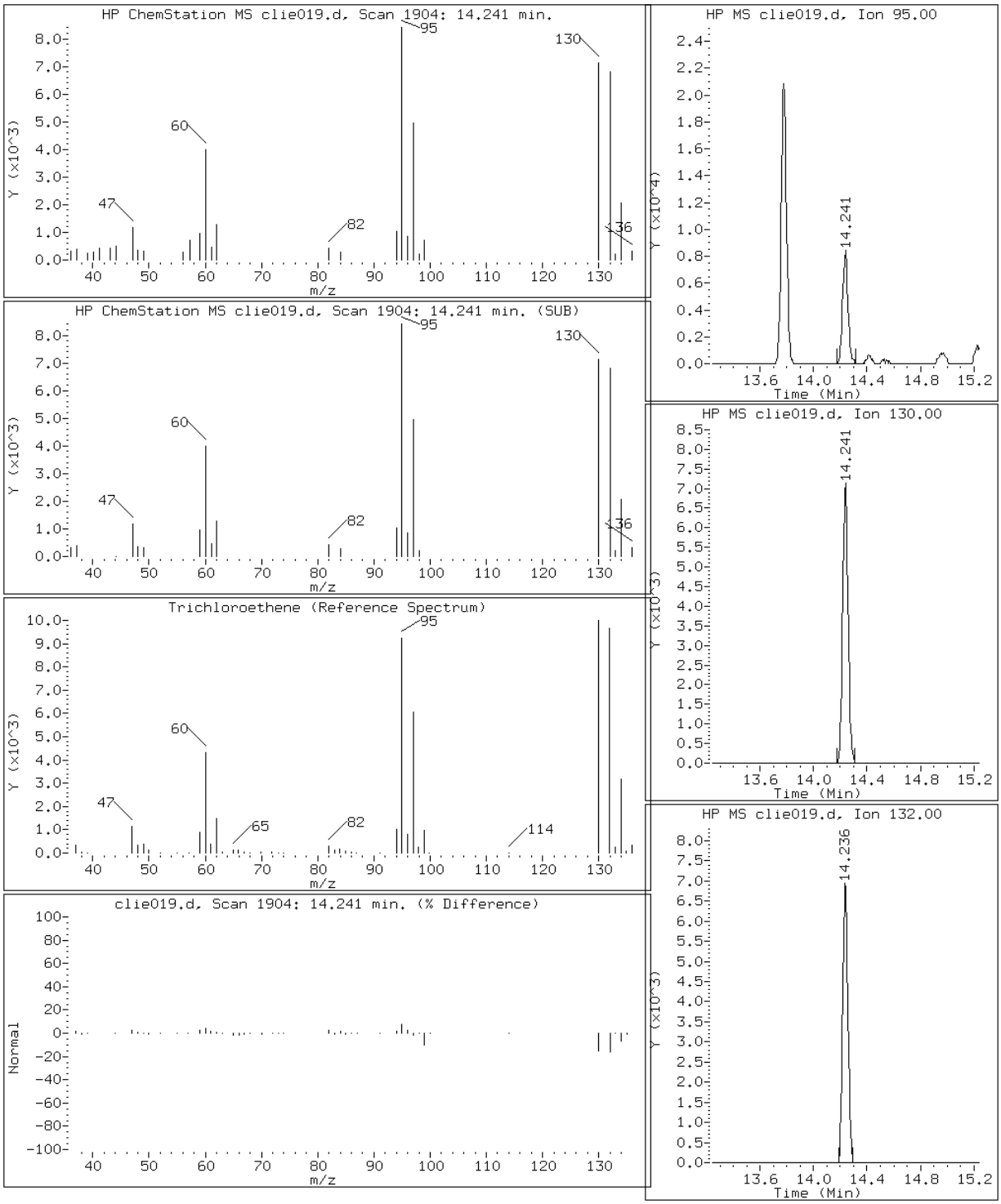
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Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

49 Trichloroethene



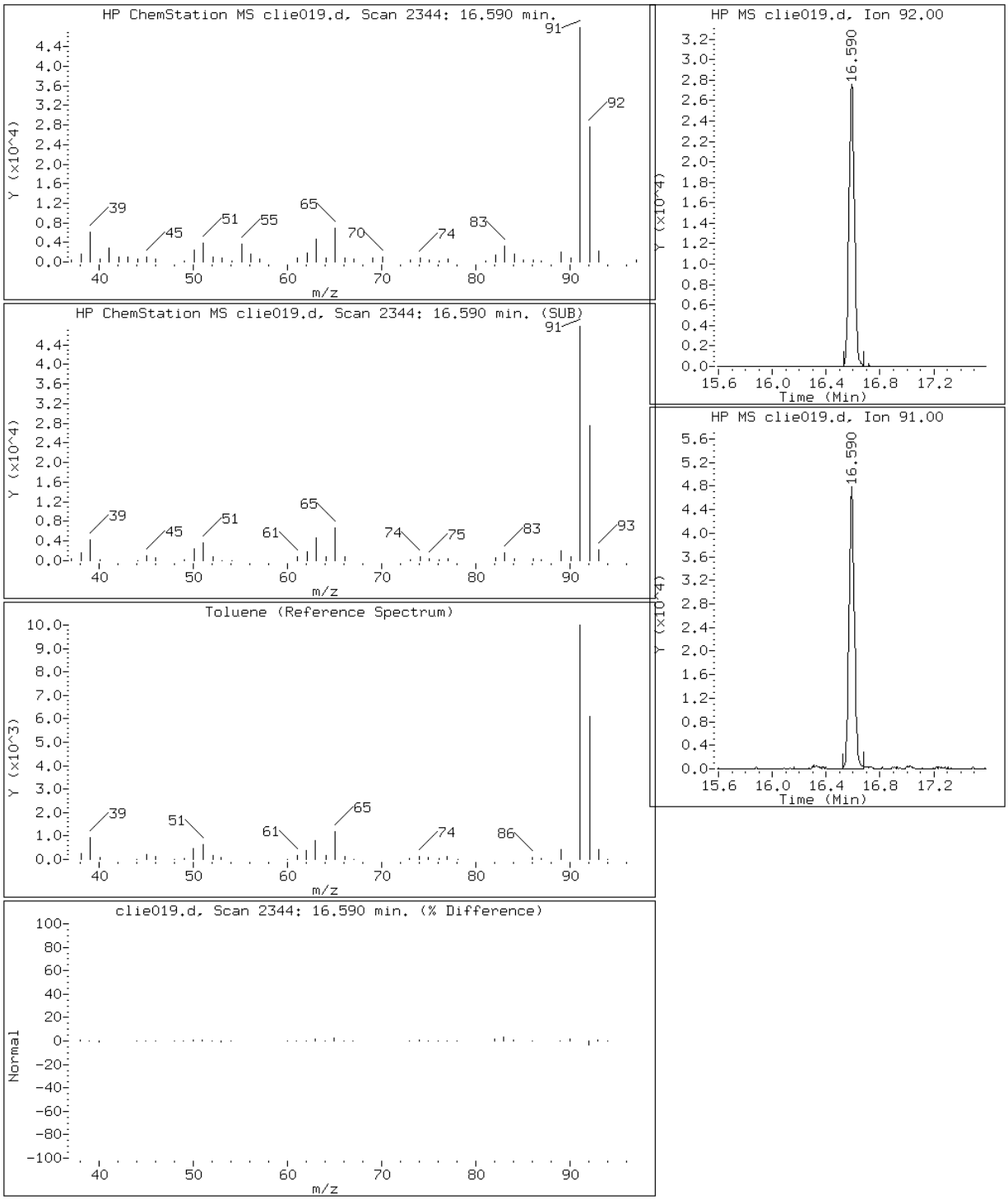
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Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

58 Toluene



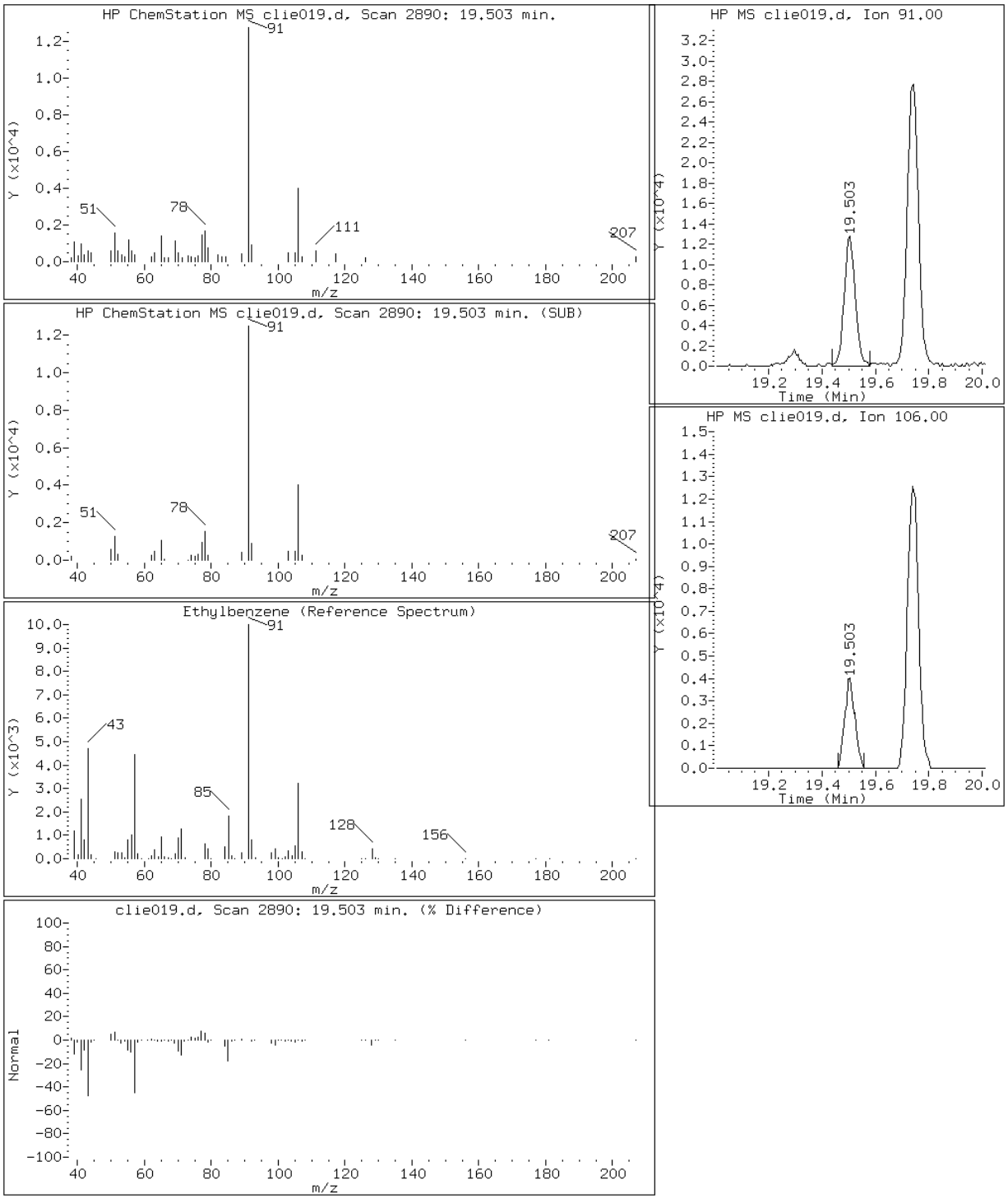
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Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

68 Ethylbenzene



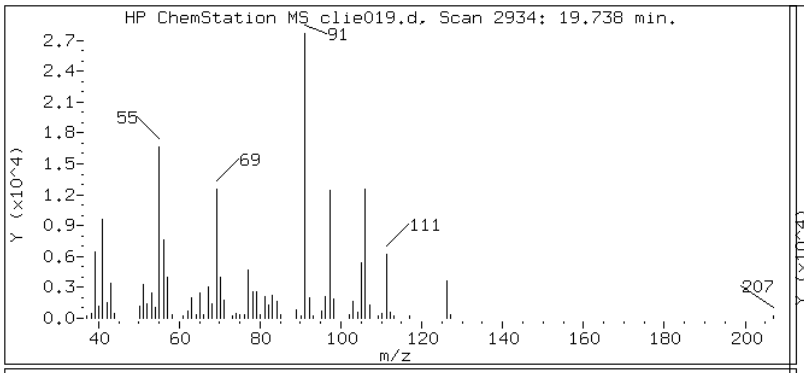
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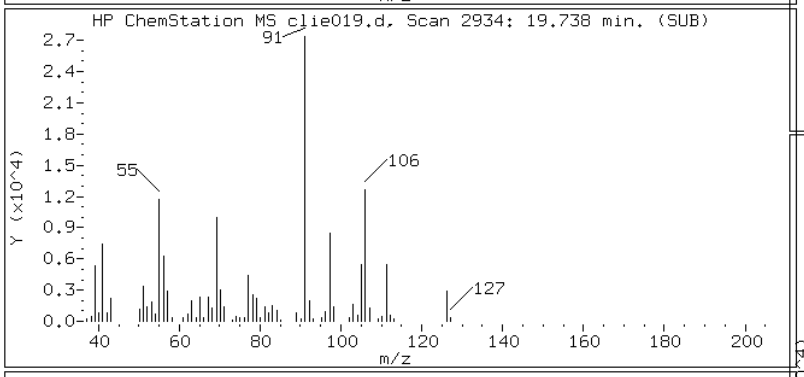
Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

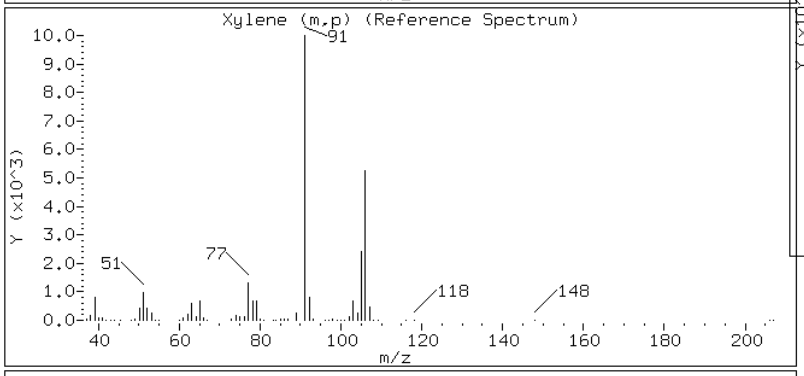
Client ID: 776VMP0301HA Instrument: C.i

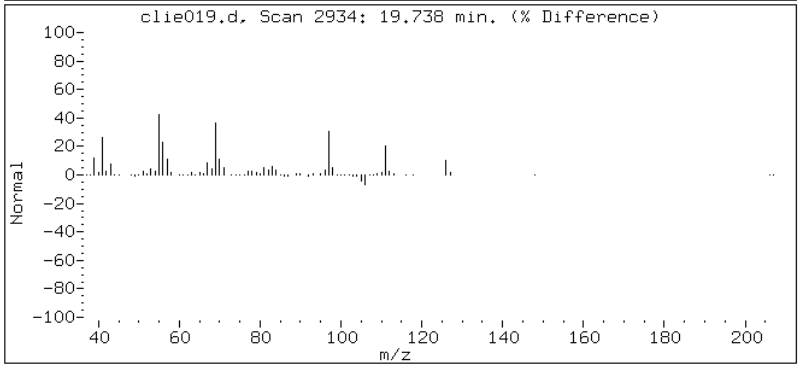
Sample Info: 280-39218-A-7 Operator: wrd

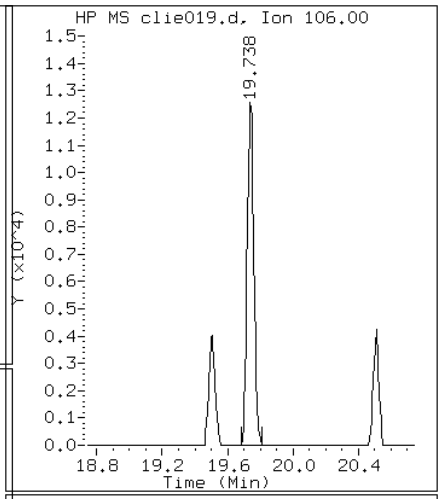
69 Xylene (m,p)

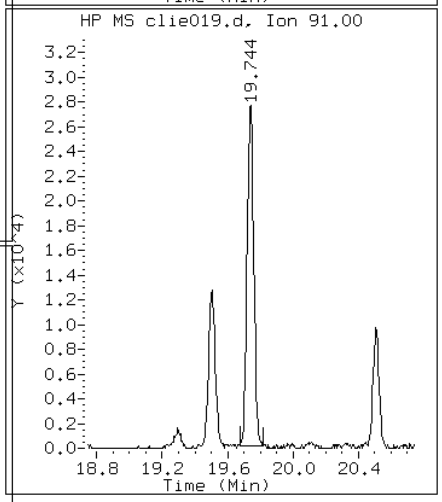












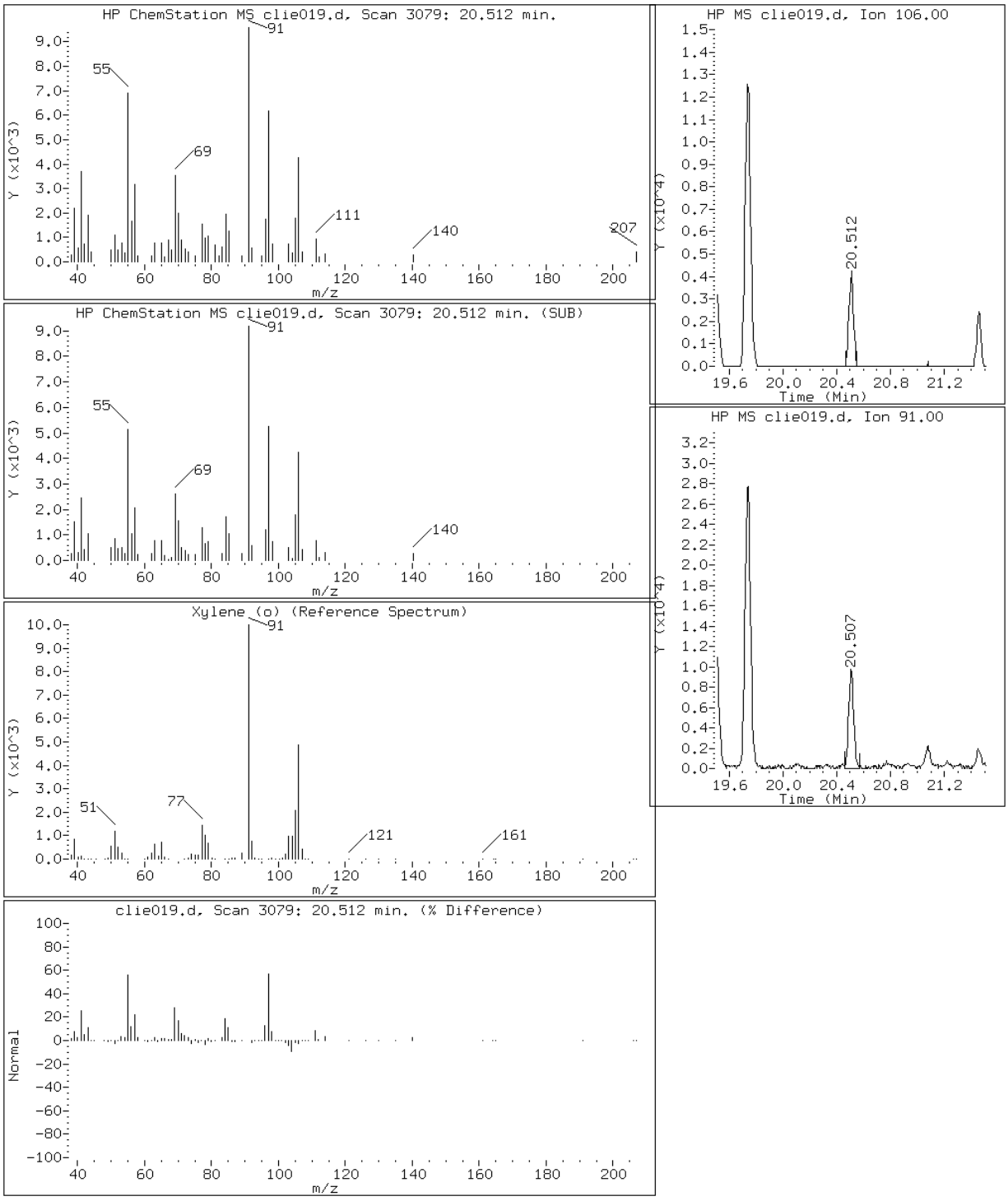
Data File: clie019.d

Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

Client ID: 776VMP0301HA Instrument: C.i

Sample Info: 280-39218-A-7 Operator: wrd

71 Xylene (o)



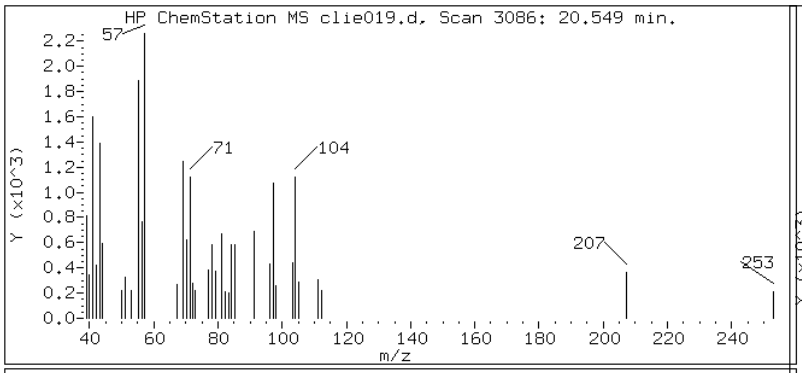
Data File: clie019.d

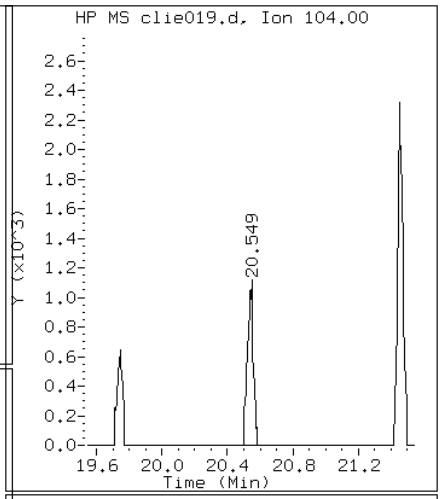
Lab Sample ID: 280-39218-7 Date: 15-MAR-2013 02:59

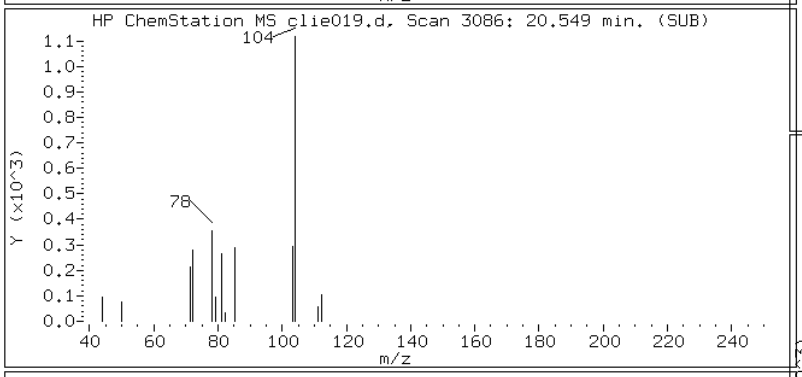
Client ID: 776VMP0301HA Instrument: C.i

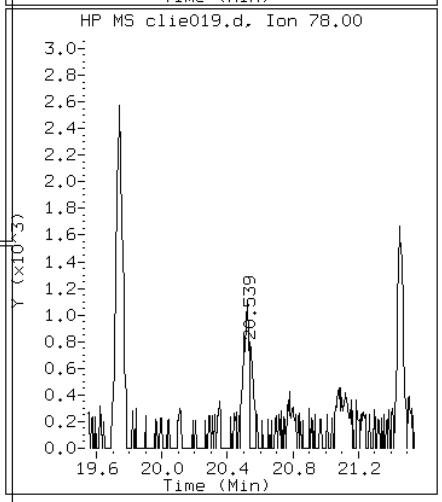
Sample Info: 280-39218-A-7 Operator: wrd

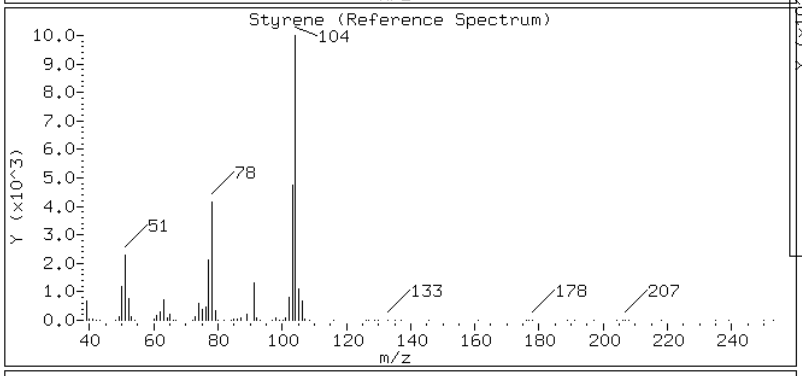
72 Styrene

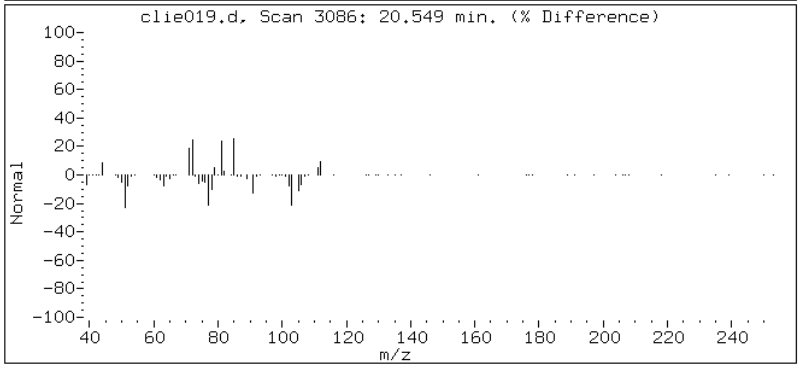












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774IA1IA Lab Sample ID: 280-39218-8

Matrix: Air Lab File ID: clie028.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:55

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 10:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.61		0.50	0.020
75-45-6	Freon 22	86.47	3.0	Q	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	1.3		0.50	0.034
106-97-8	n-Butane	58.12	1.0		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.077	J	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.57		0.20	0.021
76-13-1	Freon TF	187.38	0.094	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	19		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	11		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.30	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.57	J	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.55		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	5.2		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.066	J	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.17	J M	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.073	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.12	J	0.20	0.015
71-43-2	Benzene	78.11	0.22		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774IA1IA Lab Sample ID: 280-39218-8

Matrix: Air Lab File ID: clie028.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:55

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 10:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	J	0.20	0.017
79-01-6	Trichloroethene	131.39	0.042	J	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.23	J	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.45	J	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.25	J	0.50	0.034
108-88-3	Toluene	92.14	0.19	J	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.045	J	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.10	J	0.50	0.022
95-47-6	Xylene, o-	106.17	0.042	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.14	J	0.20	0.016
100-42-5	Styrene	104.15	0.041	J	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.044	J	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.076	J	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774IA1IA Lab Sample ID: 280-39218-8

Matrix: Air Lab File ID: clie028.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:55

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 10:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774IA1IA Lab Sample ID: 280-39218-8

Matrix: Air Lab File ID: clie028.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:55

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 10:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0		2.5	0.099
75-45-6	Freon 22	86.47	10	Q	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	2.7		1.0	0.070
106-97-8	n-Butane	58.12	2.5		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.20	J	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	3.2		1.1	0.12
76-13-1	Freon TF	187.38	0.72	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	44		12	0.95
67-63-0	Isopropyl alcohol	60.10	26		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.0	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	1.7	J	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.9		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	15		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.32	J	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.57	J M	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.46	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.55	J	0.93	0.070
71-43-2	Benzene	78.11	0.69		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774IA1IA Lab Sample ID: 280-39218-8

Matrix: Air Lab File ID: clie028.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:55

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 10:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.66	J	0.82	0.070
79-01-6	Trichloroethene	131.39	0.22	J	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.93	J	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	1.6	J	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	1.0	J	2.0	0.14
108-88-3	Toluene	92.14	0.71	J	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.19	J	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.44	J	2.2	0.096
95-47-6	Xylene, o-	106.17	0.18	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.62	J	0.87	0.069
100-42-5	Styrene	104.15	0.18	J	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.27	J	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.46	J	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774IA1IA Lab Sample ID: 280-39218-8

Matrix: Air Lab File ID: clie028.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:55

Sample wt/vol: 200(mL) Date Analyzed: 03/15/2013 10:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-8
Client Smp ID: 774IA1IA
Inj Date : 15-MAR-2013 10:53
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-8
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.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)
2 Dichlorodifluoromethane	85	4.283	4.288	(0.358)	52386	0.60982	0.61
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	136980	2.95575	3.0
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.779	4.779	(0.400)	34361	1.32798	1.3
6 Butane	43	5.040	5.046	(0.422)	44618	1.04116	1.0
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	6.209	6.214	(0.520)	1057	0.07655	0.077(a)
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.775	6.785	(0.567)	48173	0.56966	0.57
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.933	7.944	(0.664)	5175	0.09375	0.094(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.152	8.157	(0.682)	637941	18.6570	19
21 Carbon disulfide	76	Compound Not Detected.					

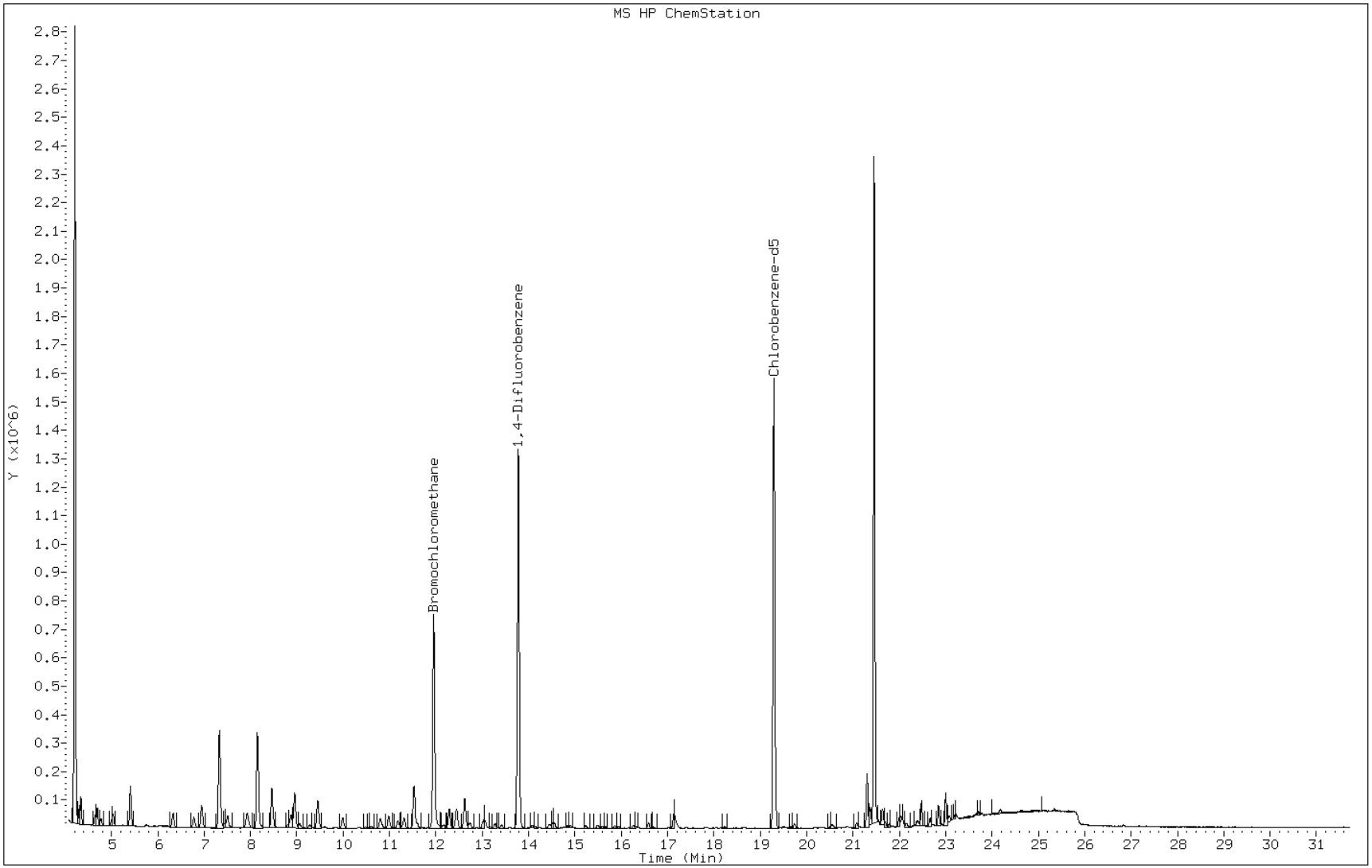
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
22	Isopropanol	45	8.461	8.461	(0.708)	263279	10.5276	11
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	9.048	9.059	(0.757)	9251	0.30200	0.30(aQ)
26	Tert-butyl alcohol	59	9.273	9.267	(0.776)	20547	0.56750	0.57(a)
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.993	9.998	(0.836)	26242	0.55313	0.55
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	67959	5.23599	5.2(Q)
* 37	Bromochloromethane	128	11.952	11.957	(1.000)	251445	10.0000	(Q)
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	12.074	12.074	(1.010)	4302	0.06592	0.066(a)
40	Cyclohexane	84	12.427	12.427	(0.902)	7262	0.16665	0.17(aQM)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	12.651	12.656	(0.918)	5649	0.07278	0.073(a)
43	2,2,4-Trimethylpentane	57	13.072	13.078	(0.949)	17566	0.11849	0.12(aQ)
44	Benzene	78	13.051	13.051	(0.947)	22244	0.21721	0.22
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	13.414	13.419	(0.974)	8678	0.16083	0.16(a)
* 47	1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1474117	10.0000	
49	Trichloroethene	95	14.236	14.241	(1.033)	1948	0.04152	0.042(aQ)
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	14.834	14.828	(1.077)	6527	0.22729	0.23(aQ)
53	1,4-Dioxane	88	14.914	14.903	(1.083)	5255	0.45190	0.45(a)
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	16.259	16.253	(1.180)	12972	0.25474	0.25(a)
58	Toluene	92	16.590	16.589	(0.860)	12726	0.18796	0.19(a)
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	19.295	19.295	(1.000)	1317674	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	19.503	19.509	(1.011)	6341	0.04464	0.045(a)
69	Xylene (m,p)	106	19.733	19.743	(1.023)	5359	0.10030	0.10(aQ)
M 70	Xylenes, Total	106				7542	0.14257	0.14(a)
71	Xylene (o)	106	20.507	20.512	(1.063)	2183	0.04227	0.042(aQ)
72	Styrene	104	20.539	20.544	(1.064)	3101	0.04119	0.041(a)
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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	3779	0.04450	0.044(a)
88 1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	6263	0.07595	0.076(a)
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clie028.d	Date:	15-MAR-2013 10:53
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Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-8		
Lab Sample ID:	280-39218-8		



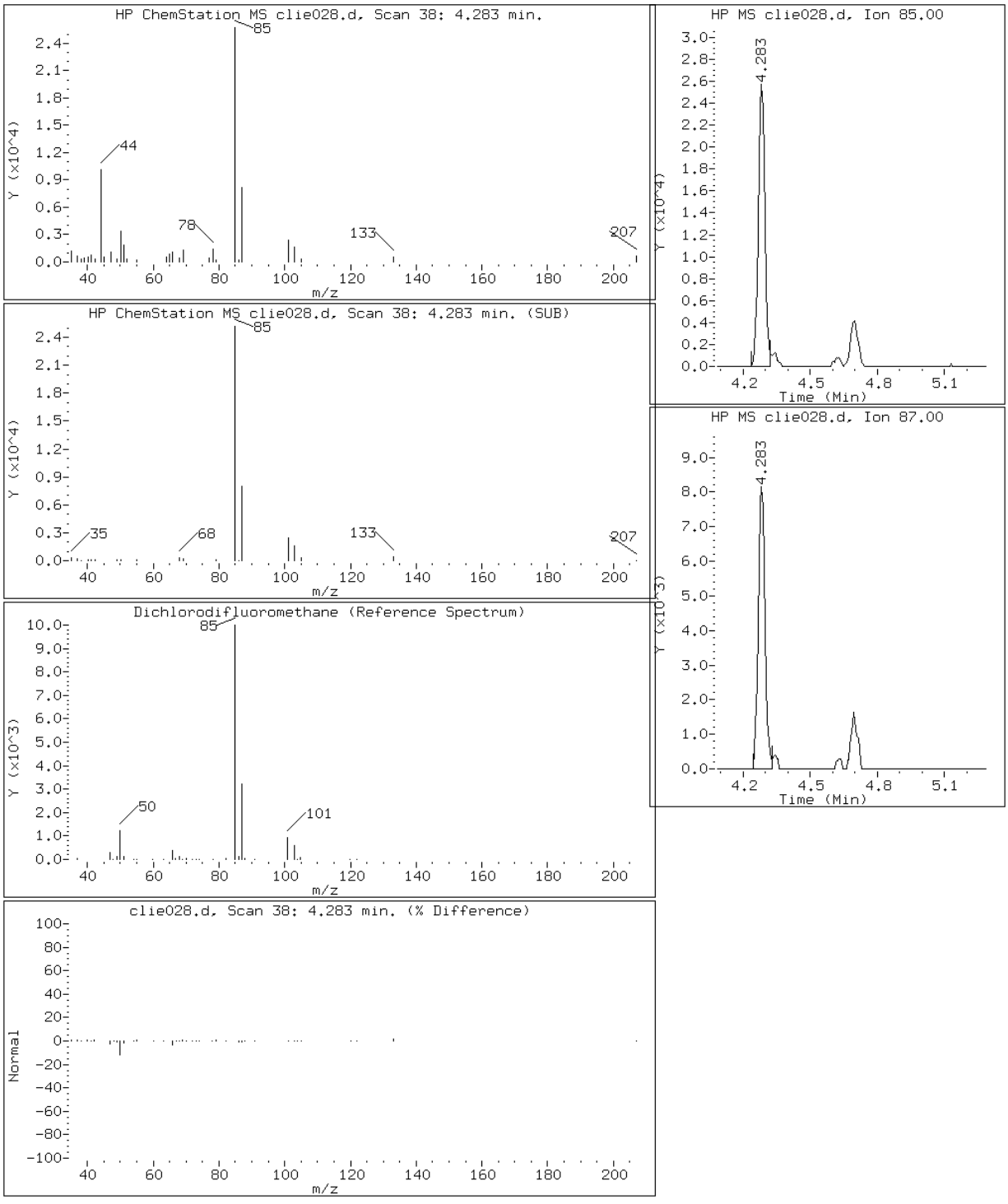
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Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

2 Dichlorodifluoromethane



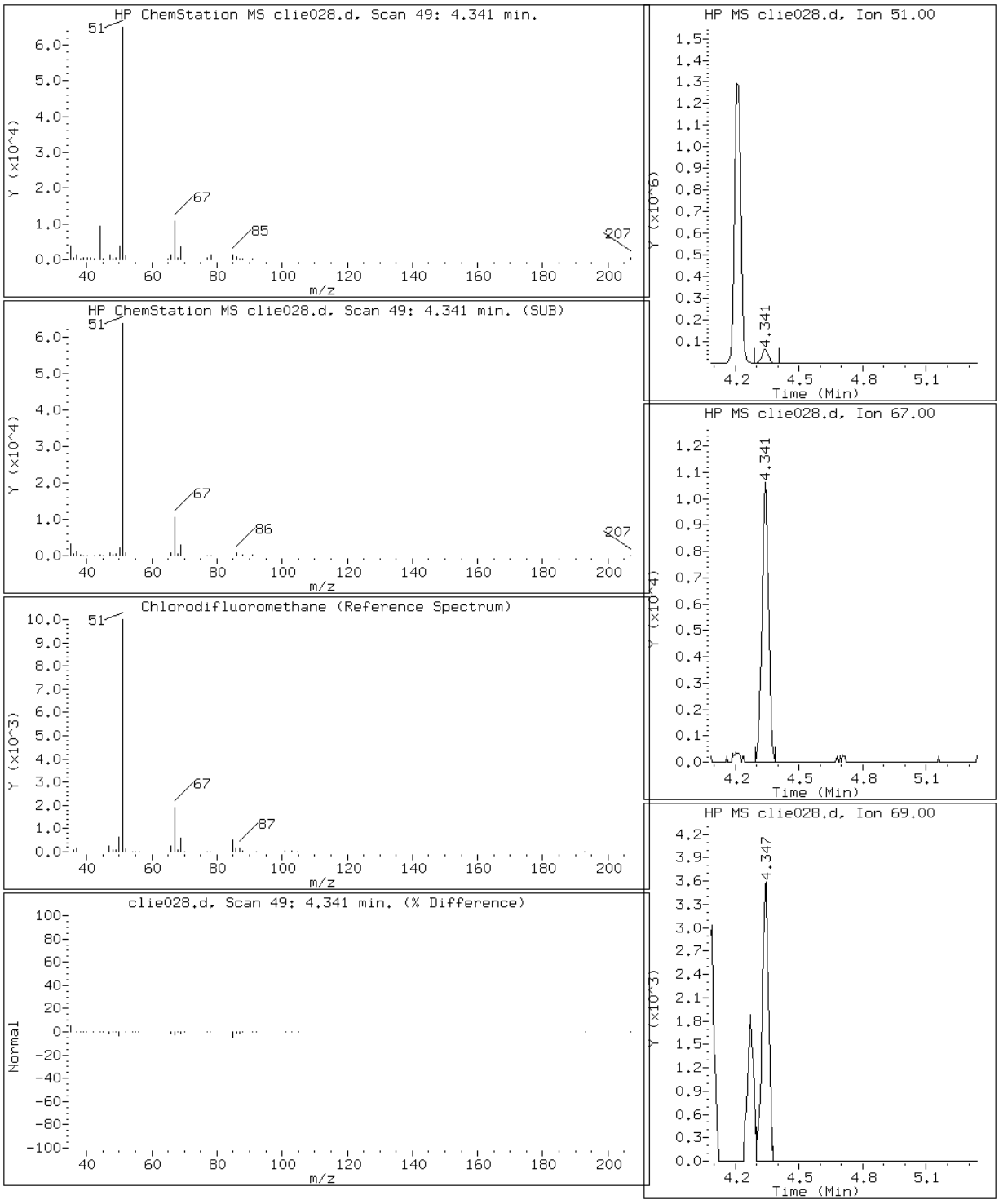
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Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

3 Chlorodifluoromethane



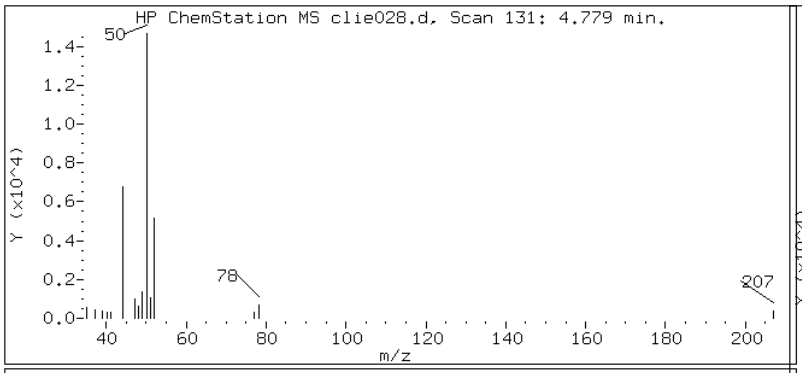
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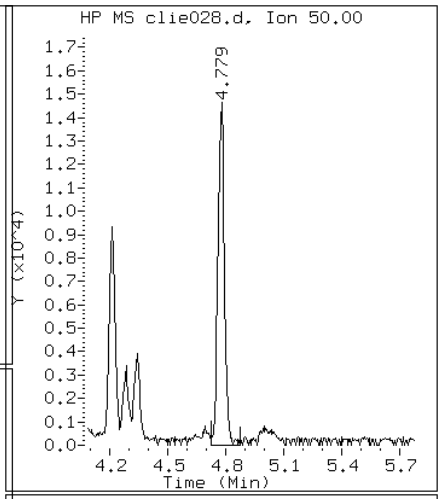
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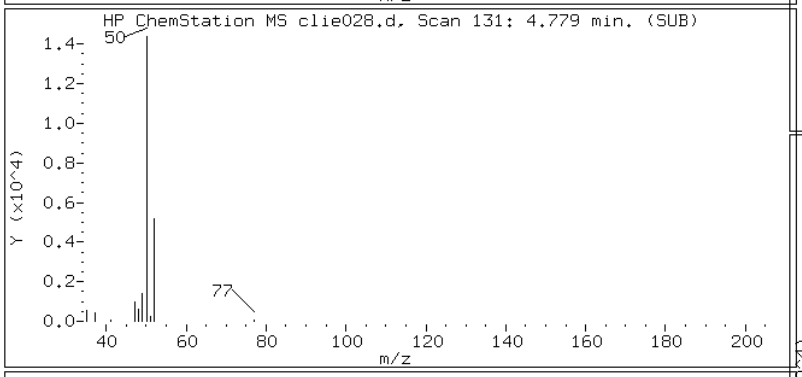
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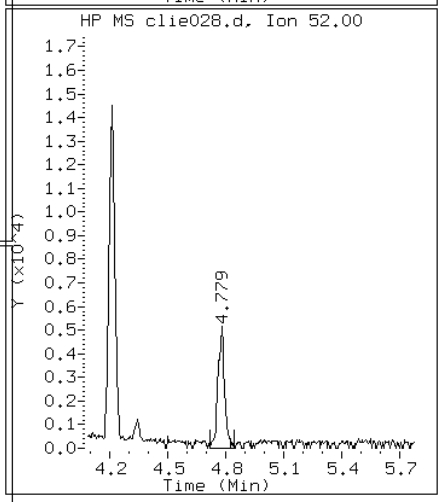
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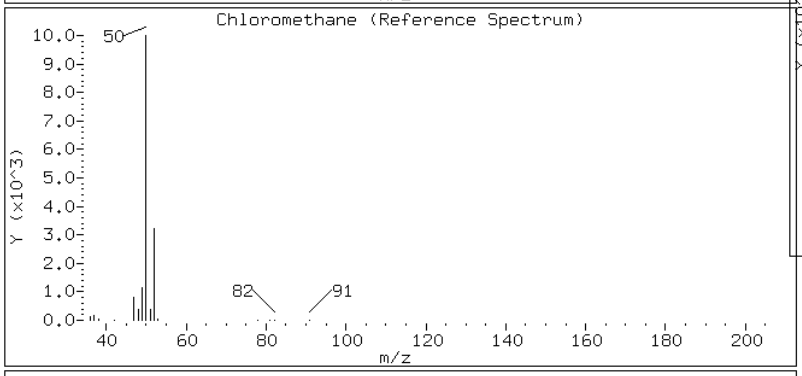
5 Chloromethane

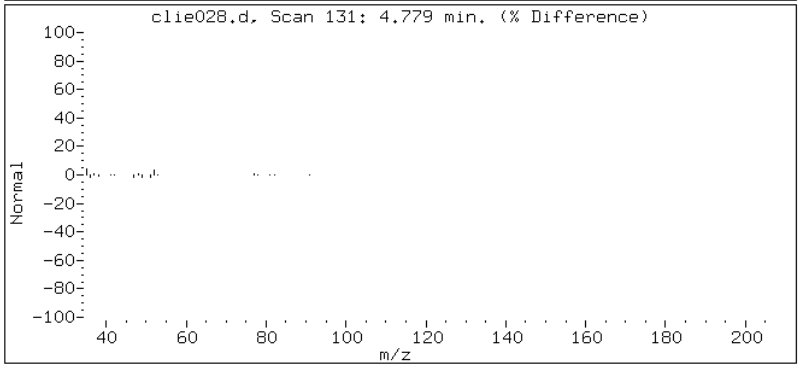












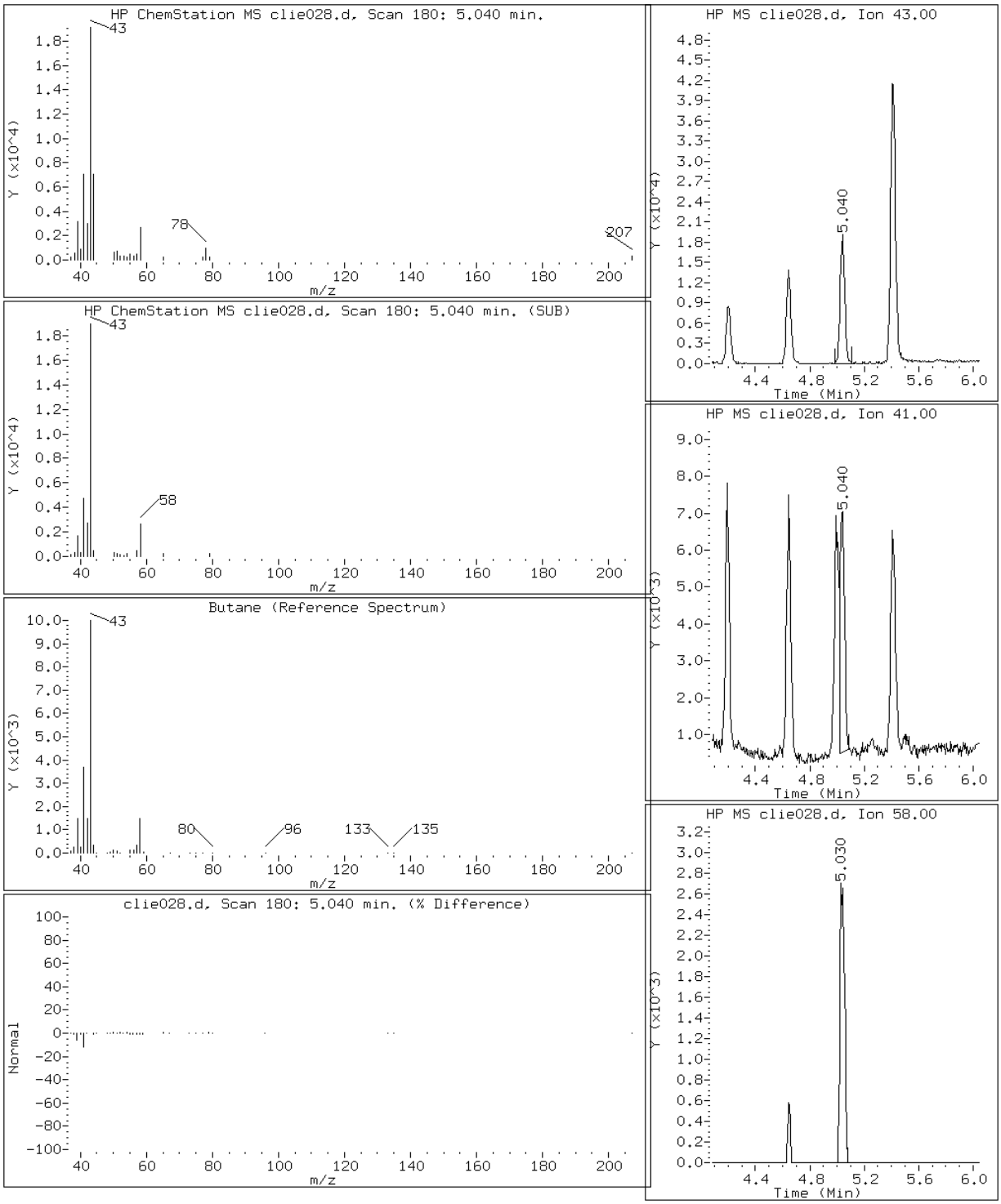
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Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

6 Butane



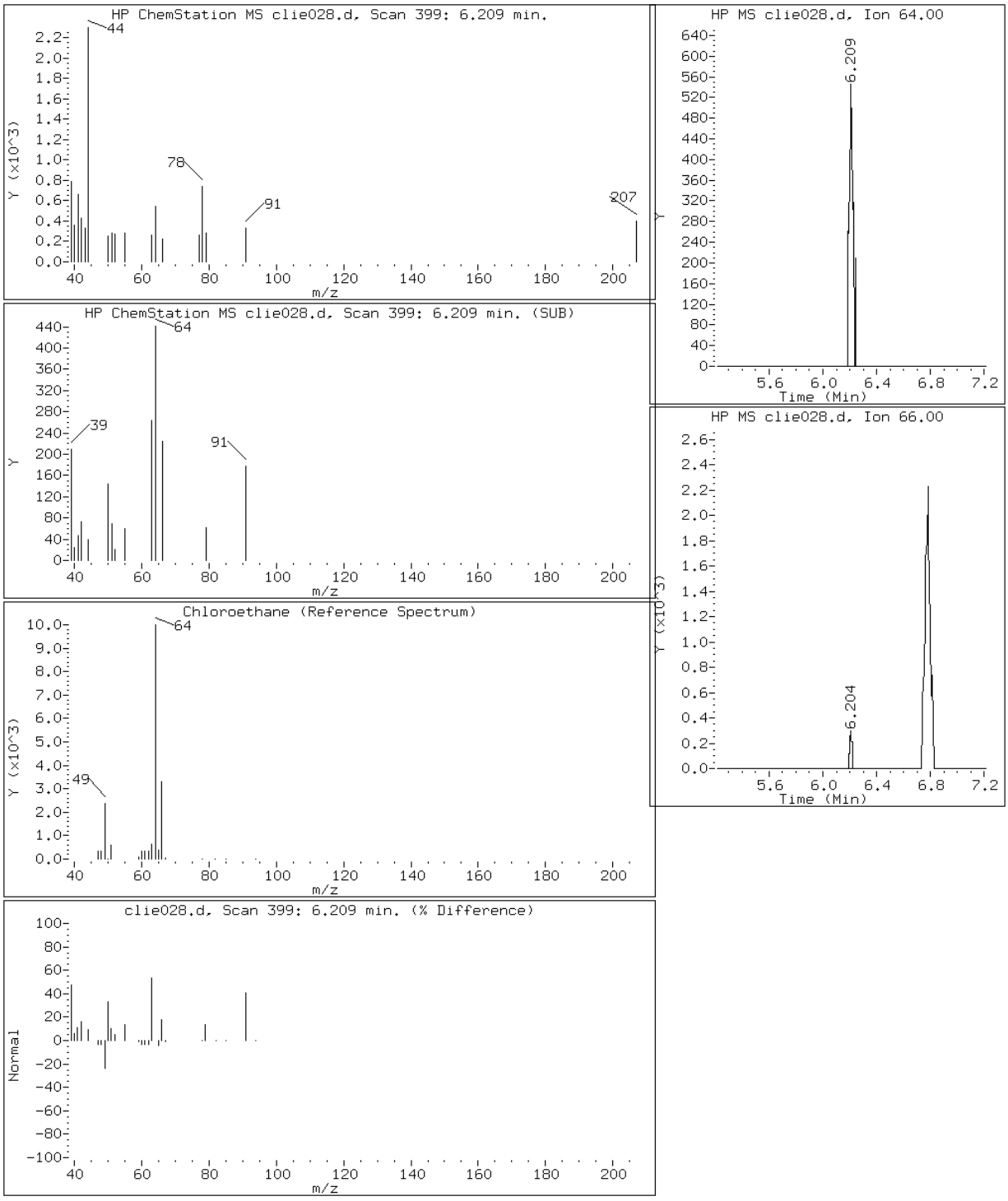
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Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

10 Chloroethane



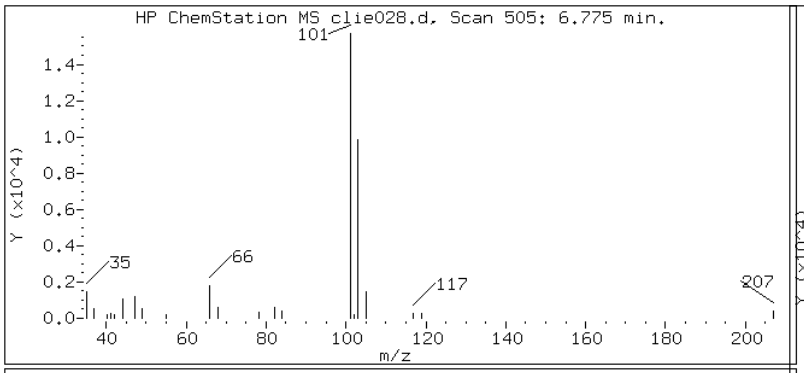
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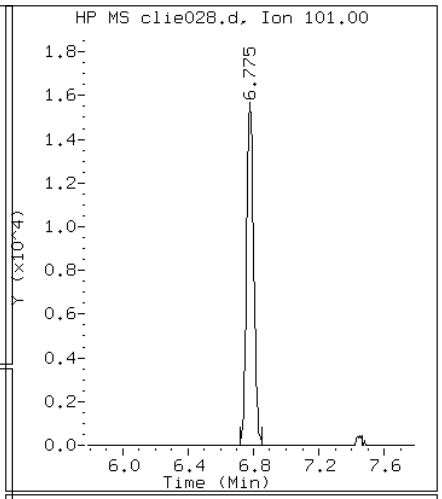
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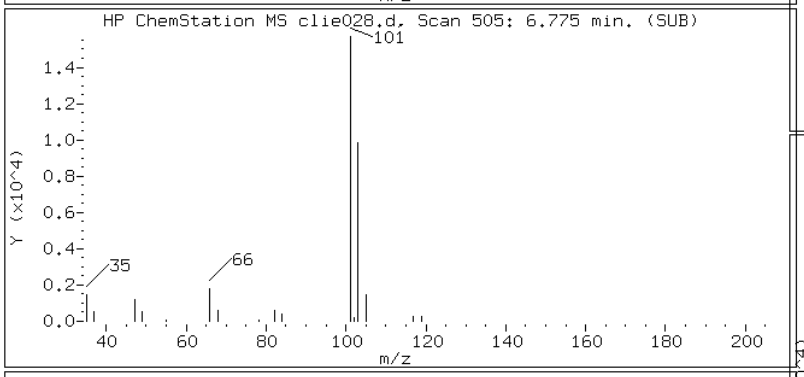
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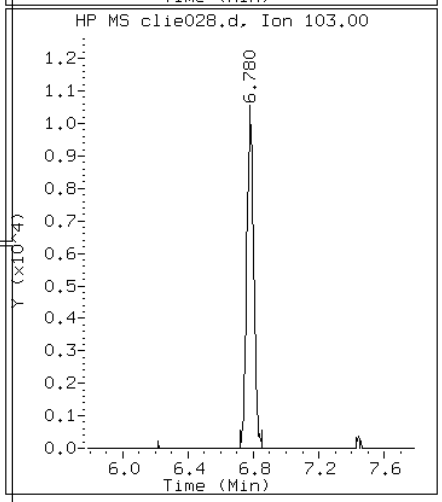
Sample Info: 280-39218-A-8 Operator: wrd

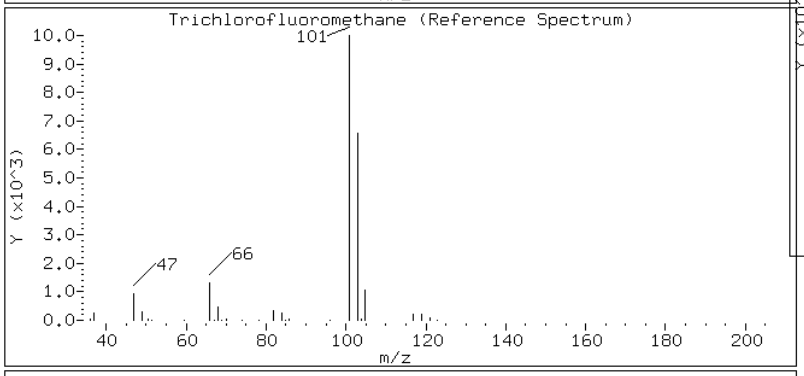
13 Trichlorofluoromethane

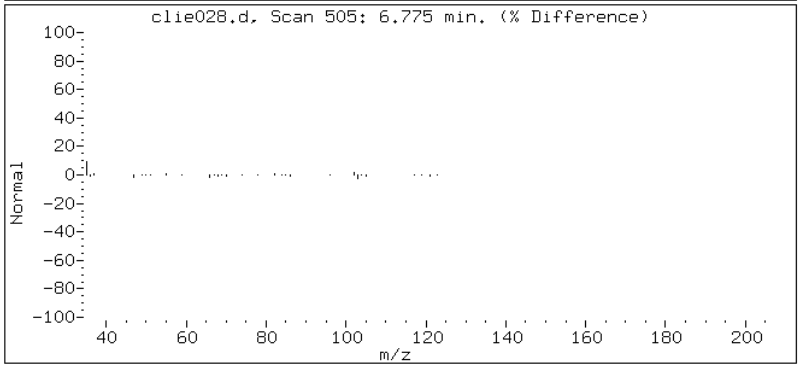












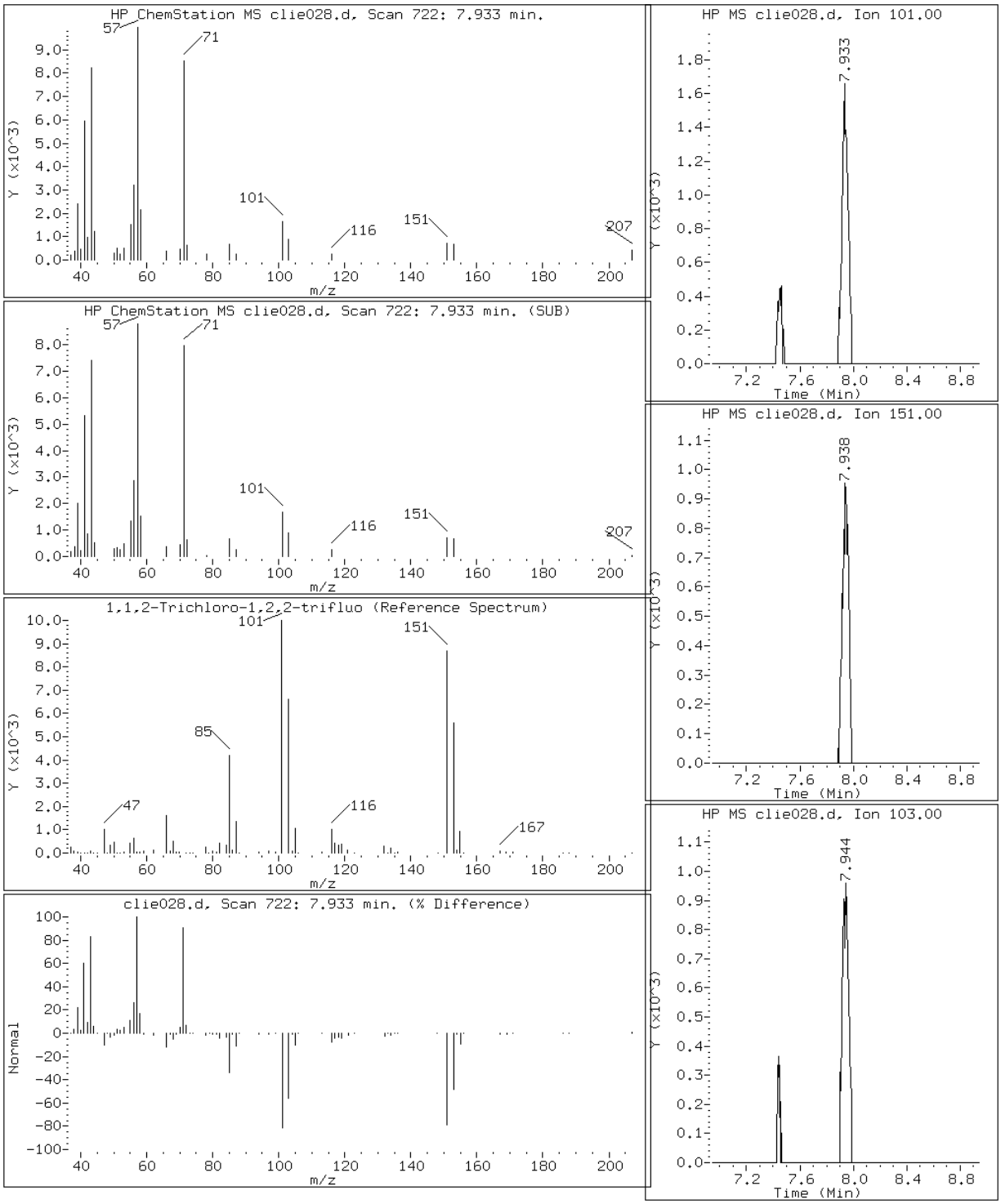
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Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



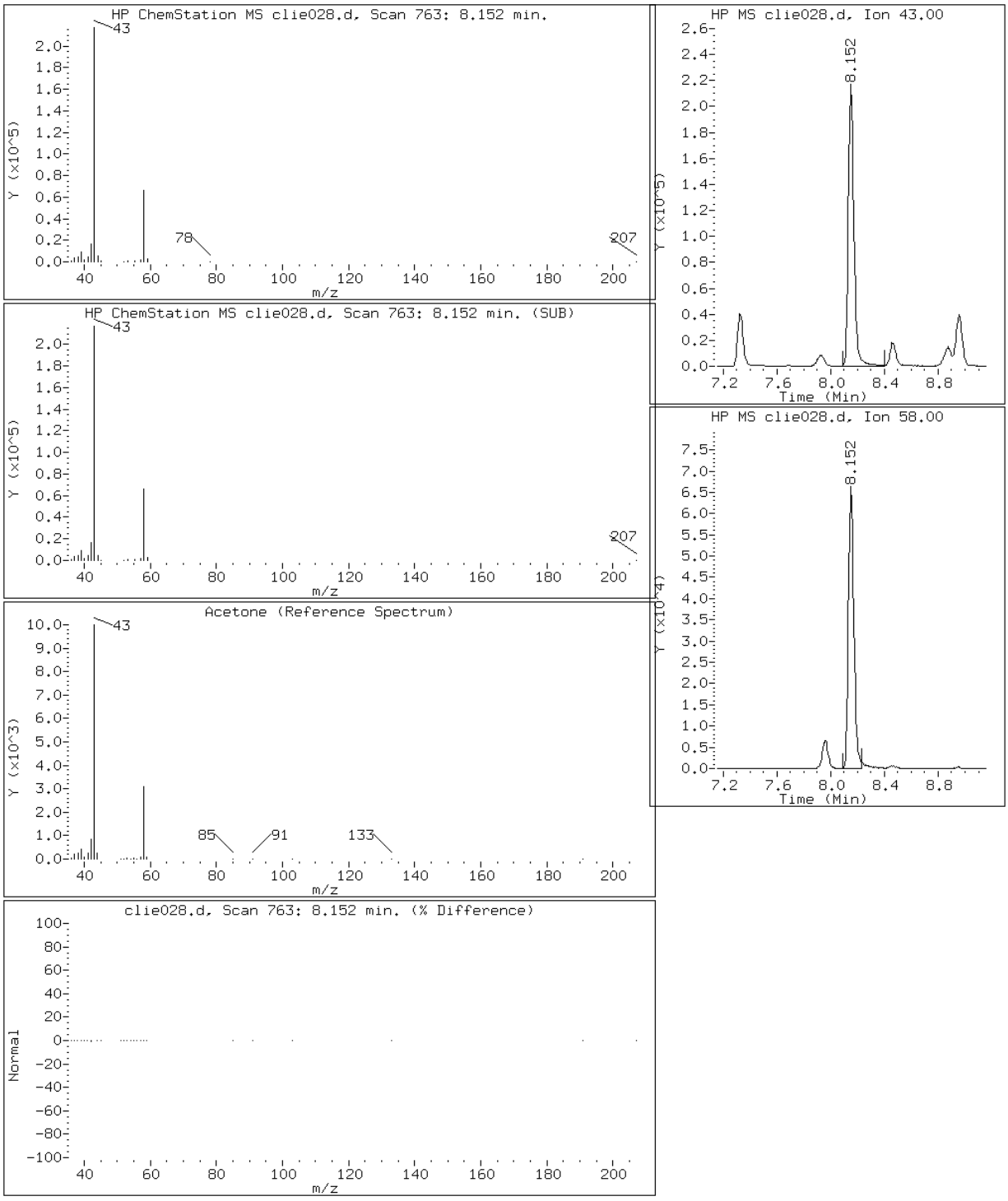
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Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

20 Acetone



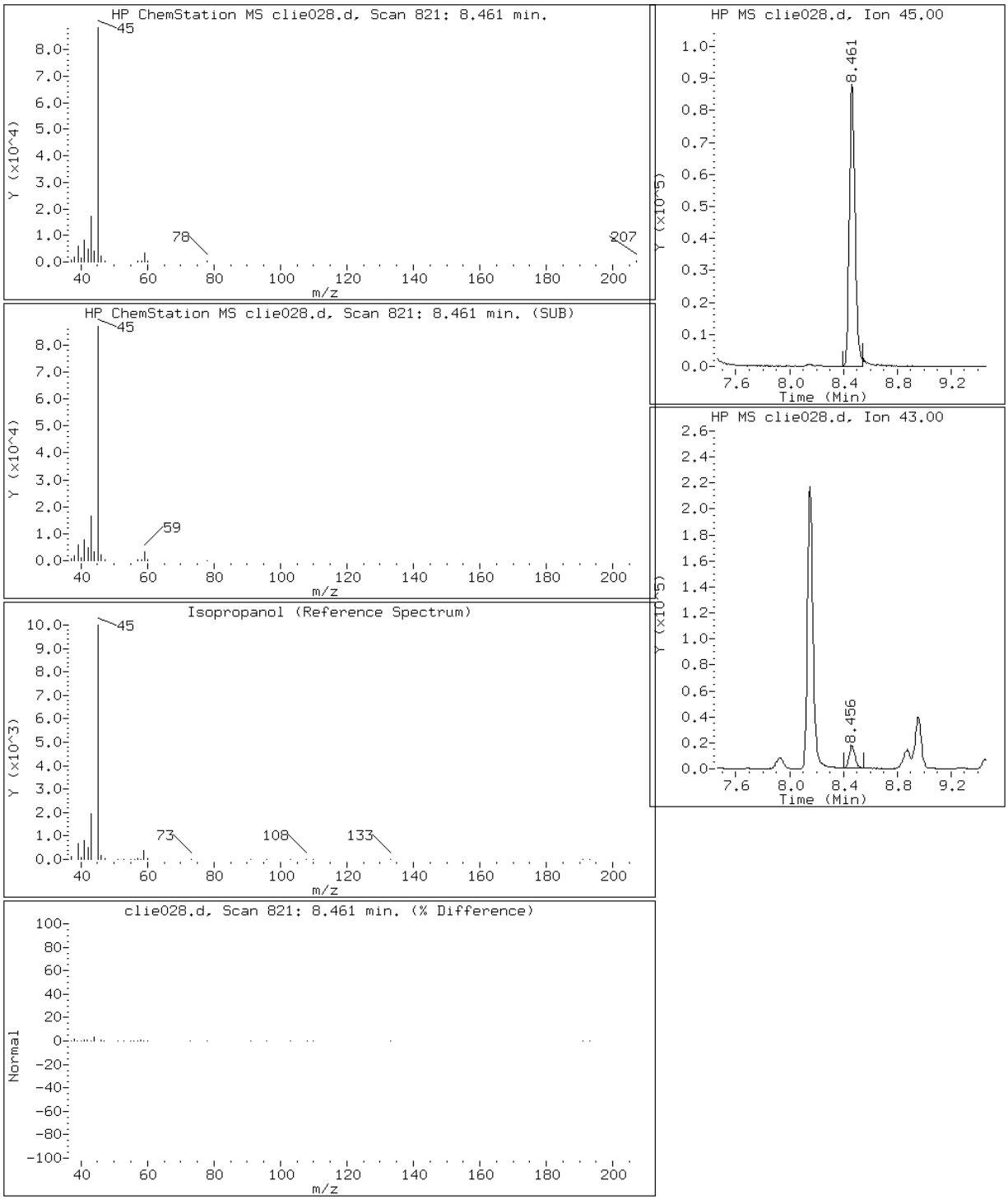
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Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

22 Isopropanol



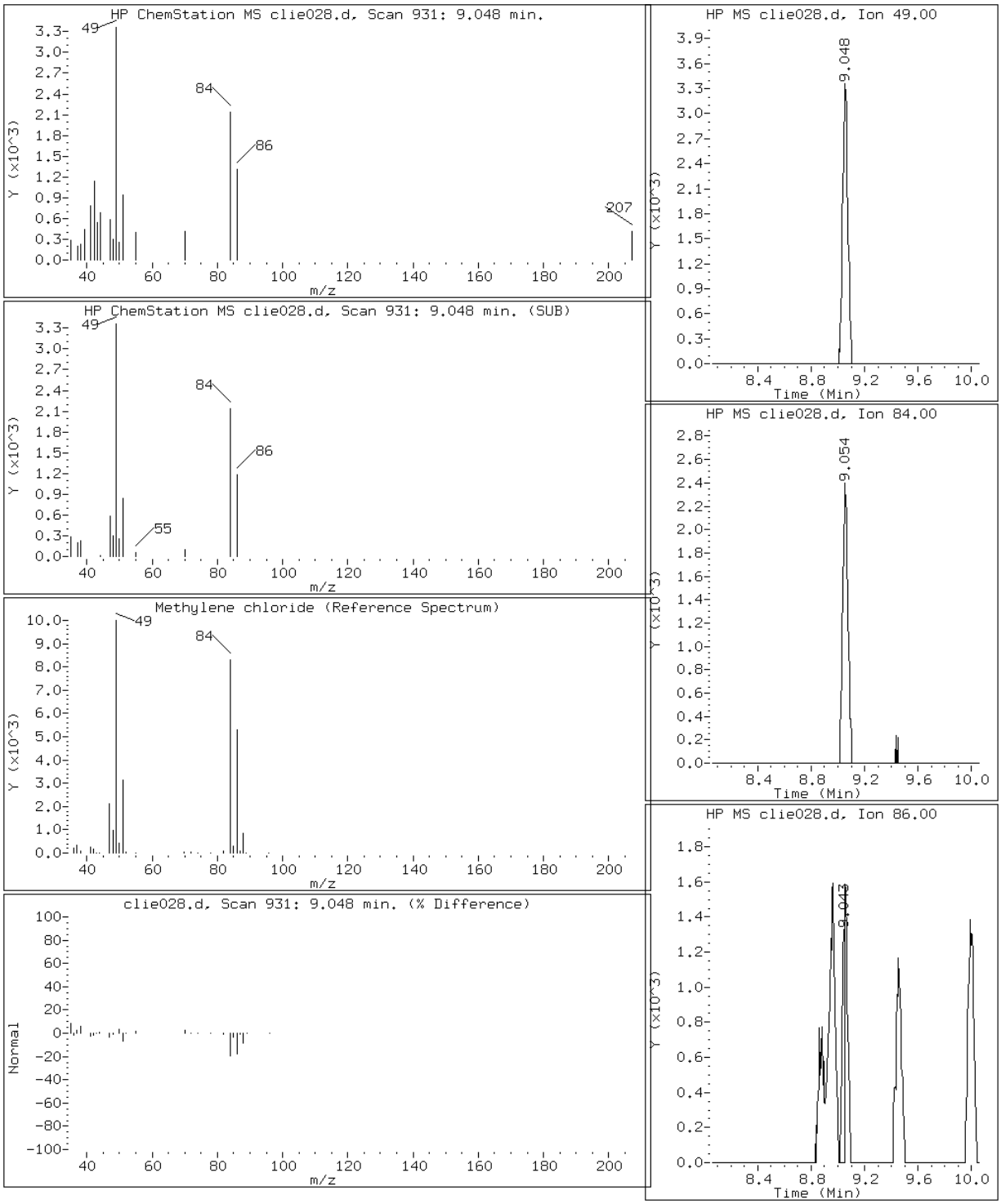
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Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

25 Methylene chloride



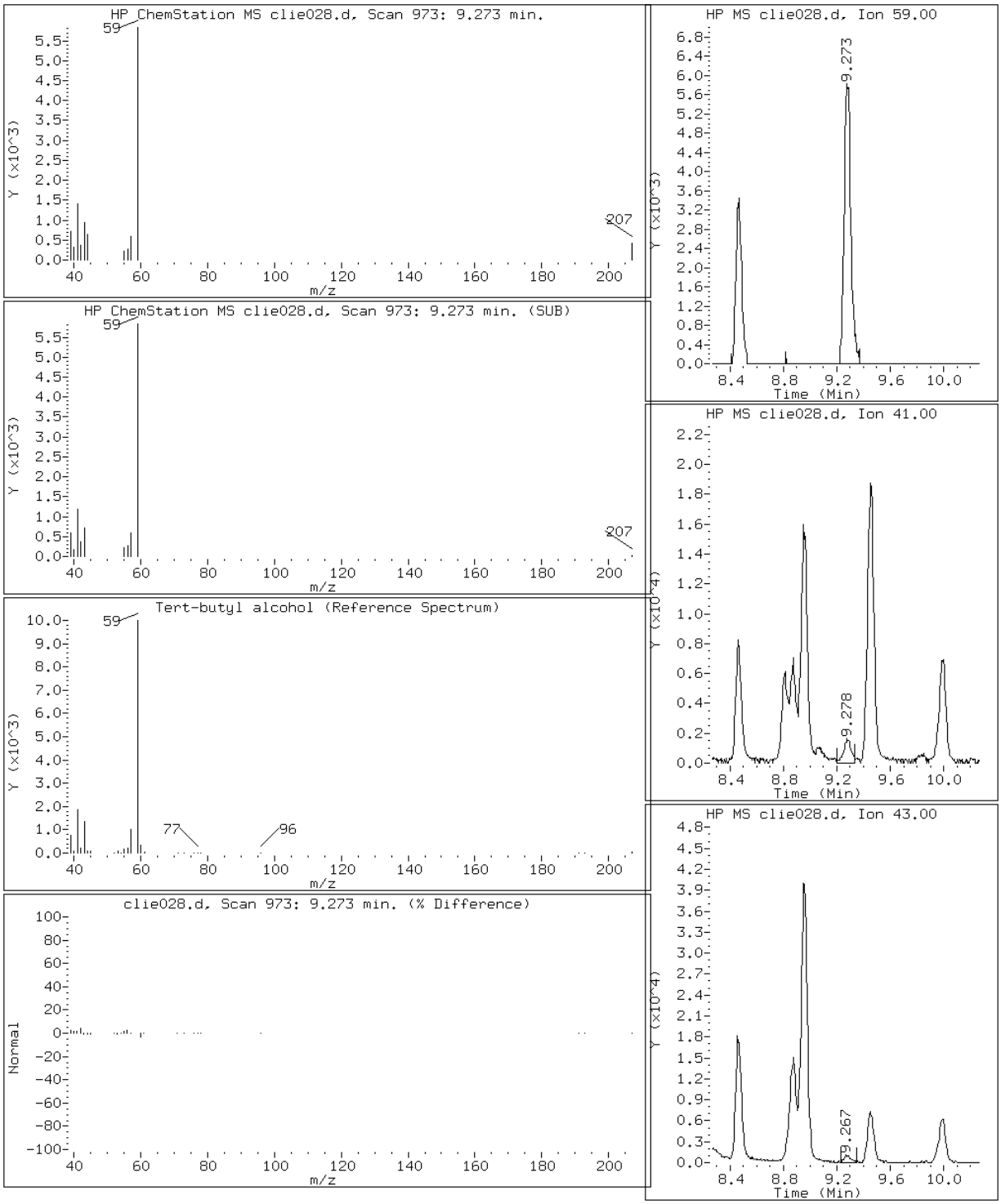
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Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

26 Tert-butyl alcohol



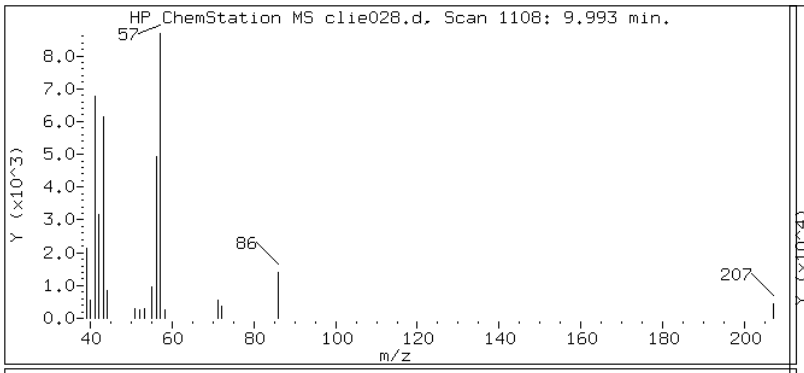
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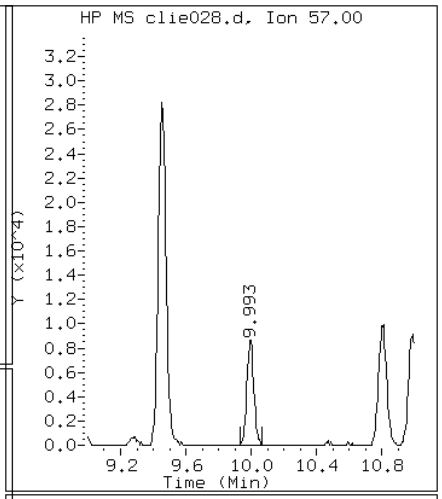
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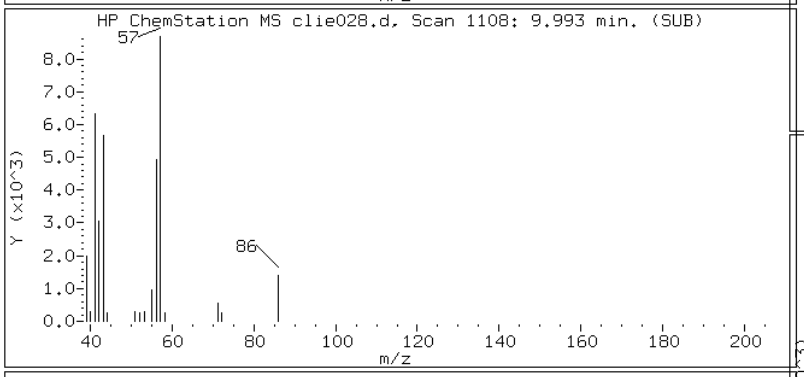
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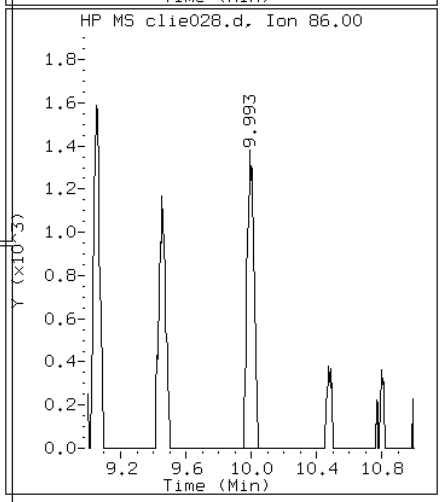
Sample Info: 280-39218-A-8 Operator: wrd

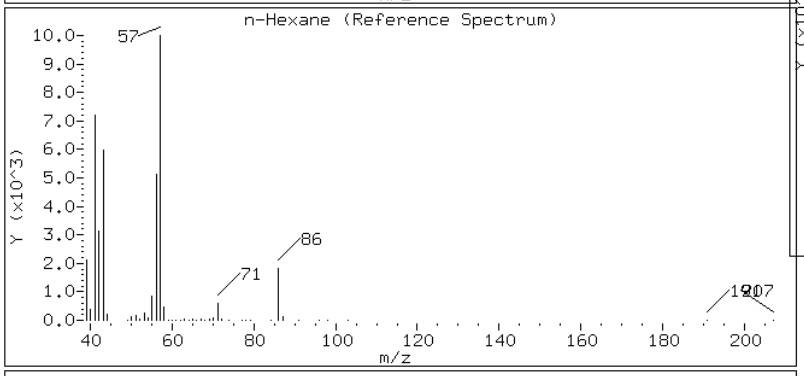
30 n-Hexane

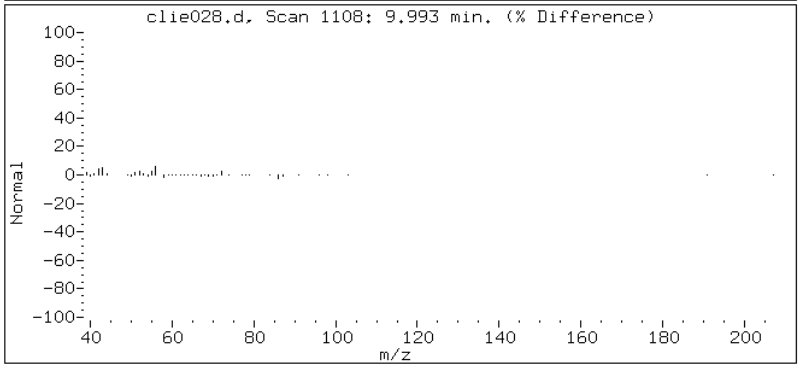












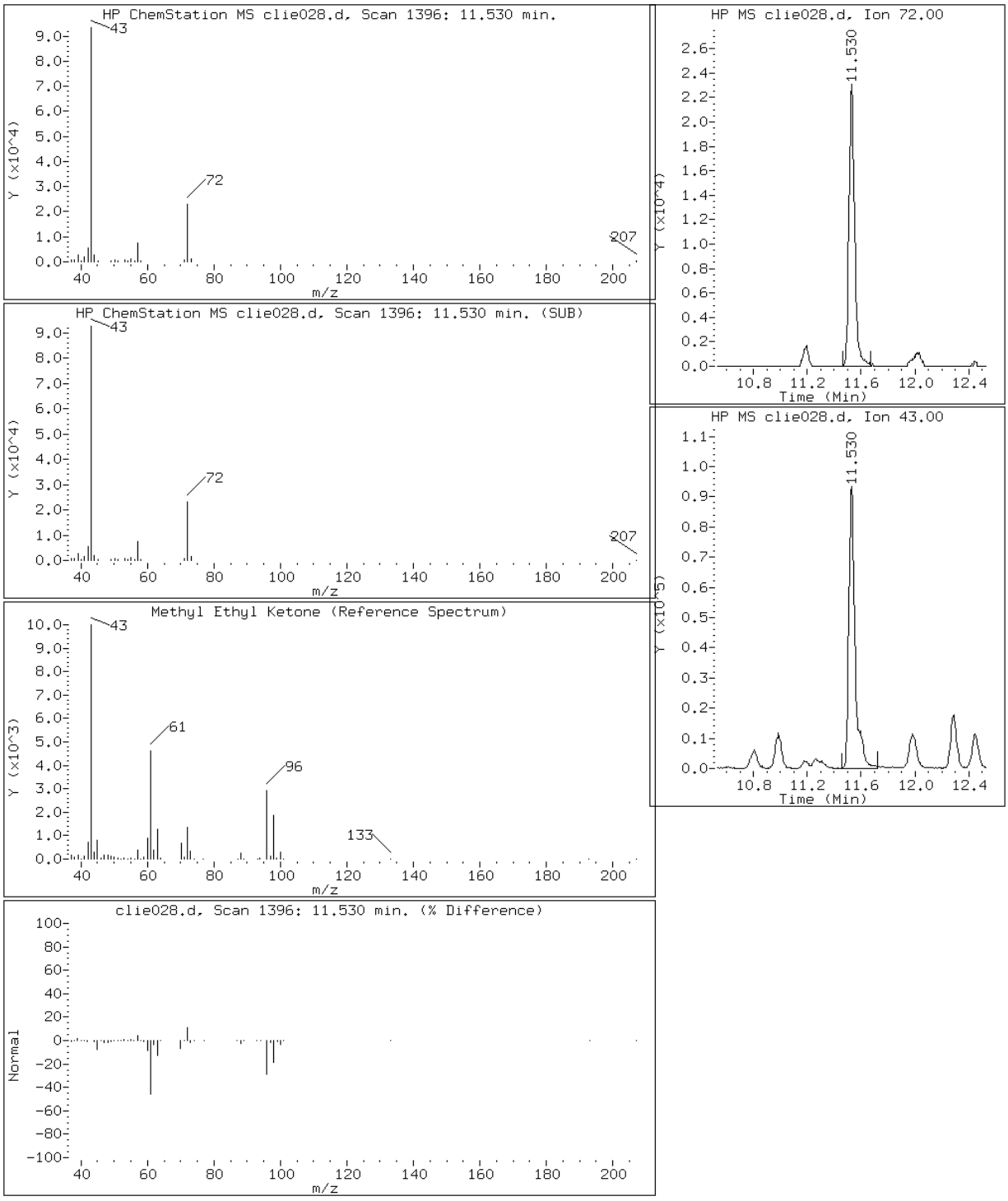
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Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

36 Methyl Ethyl Ketone



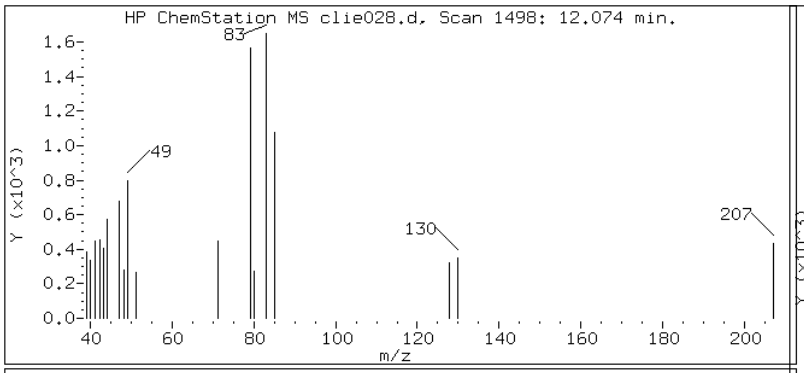
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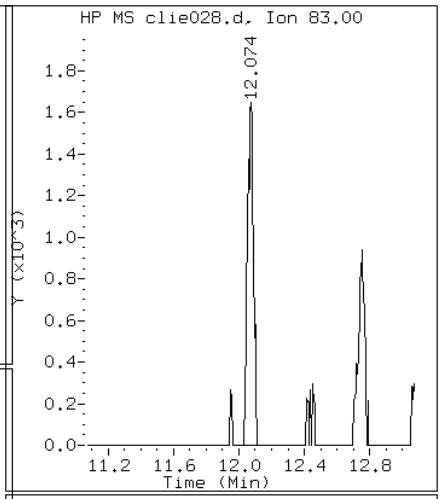
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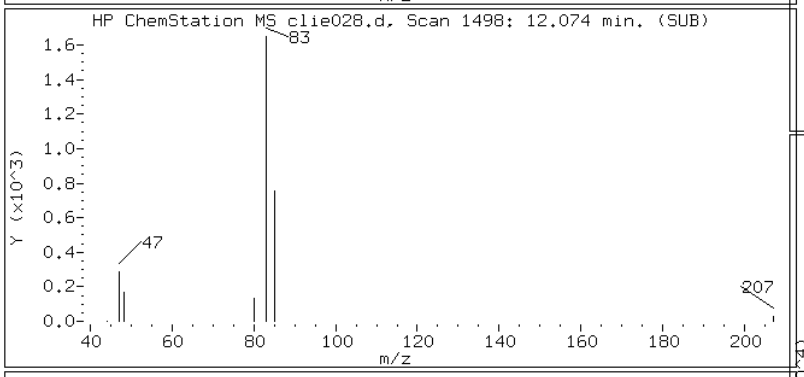
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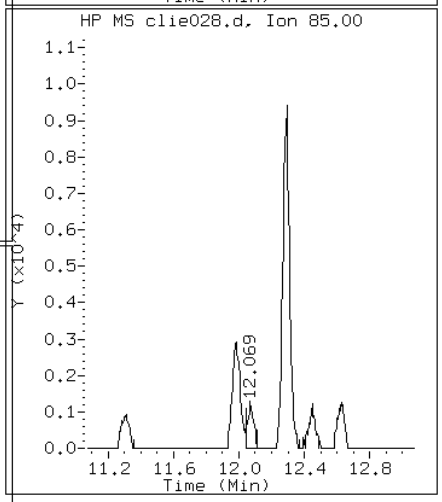
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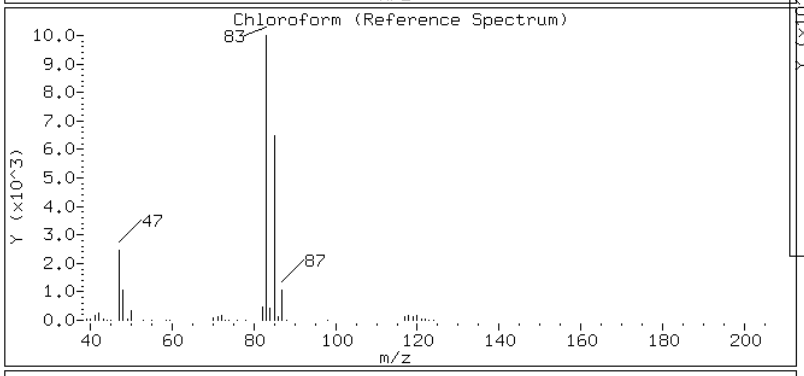
39 Chloroform

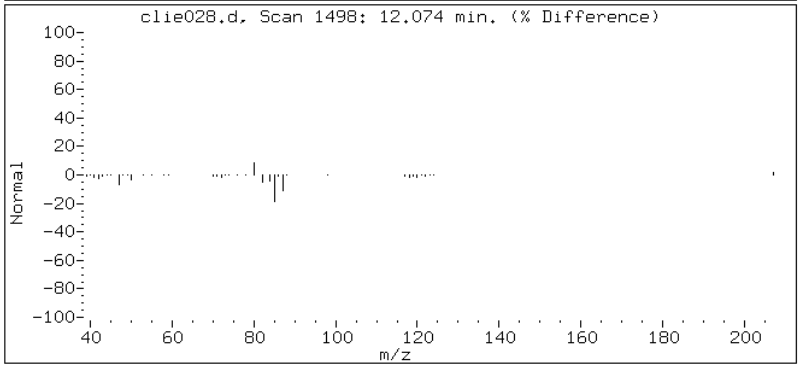












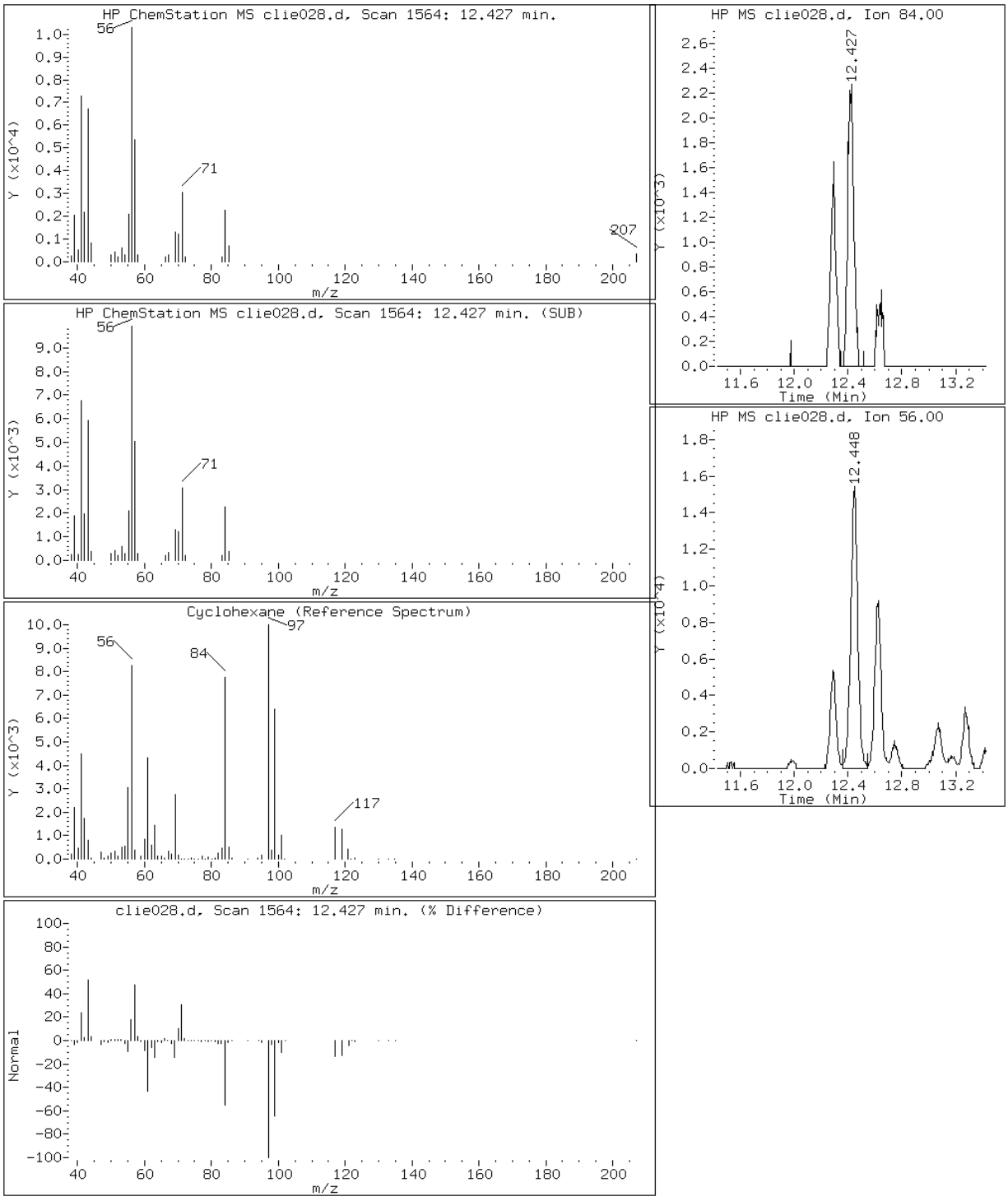
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

40 Cyclohexane



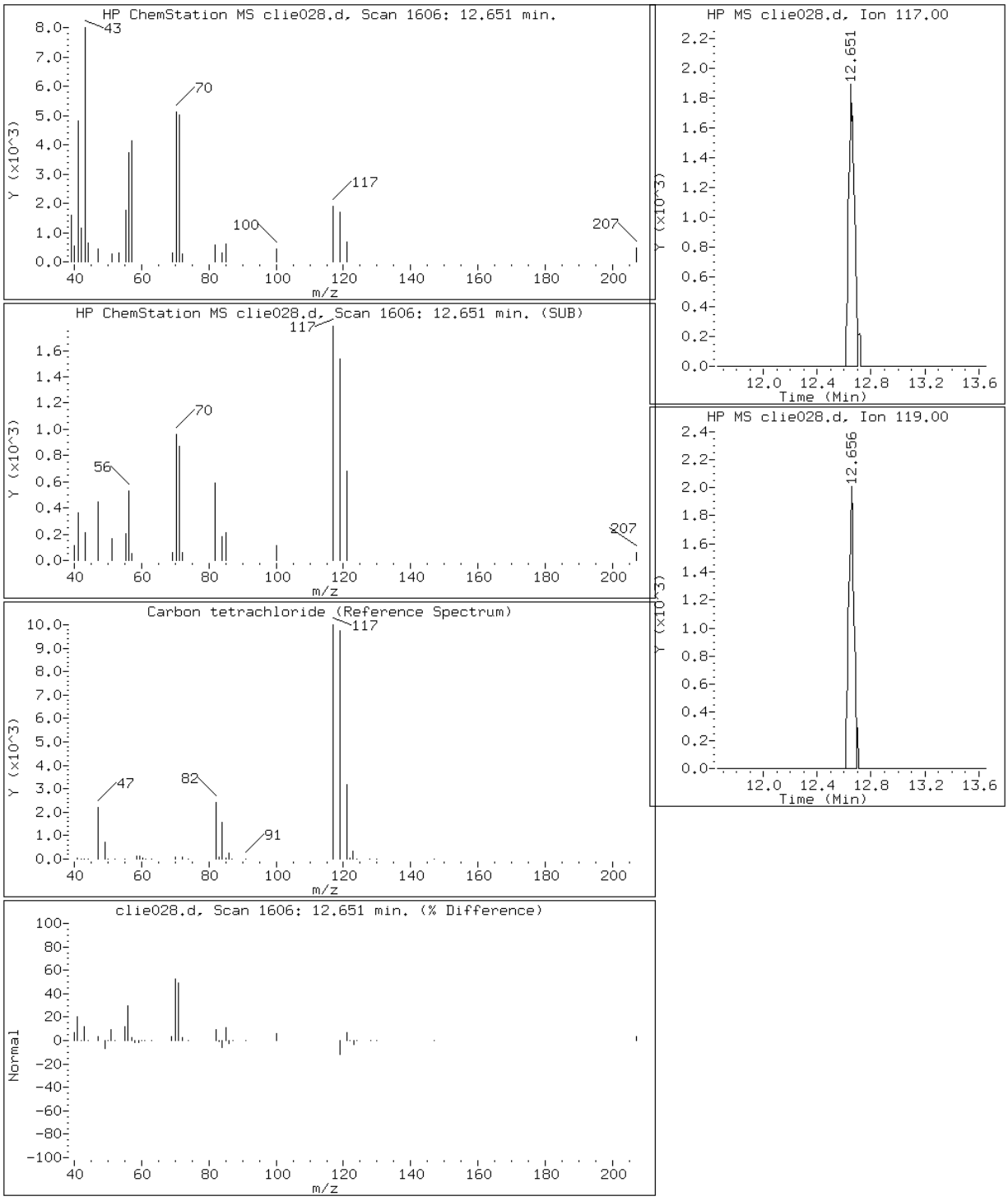
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

42 Carbon tetrachloride



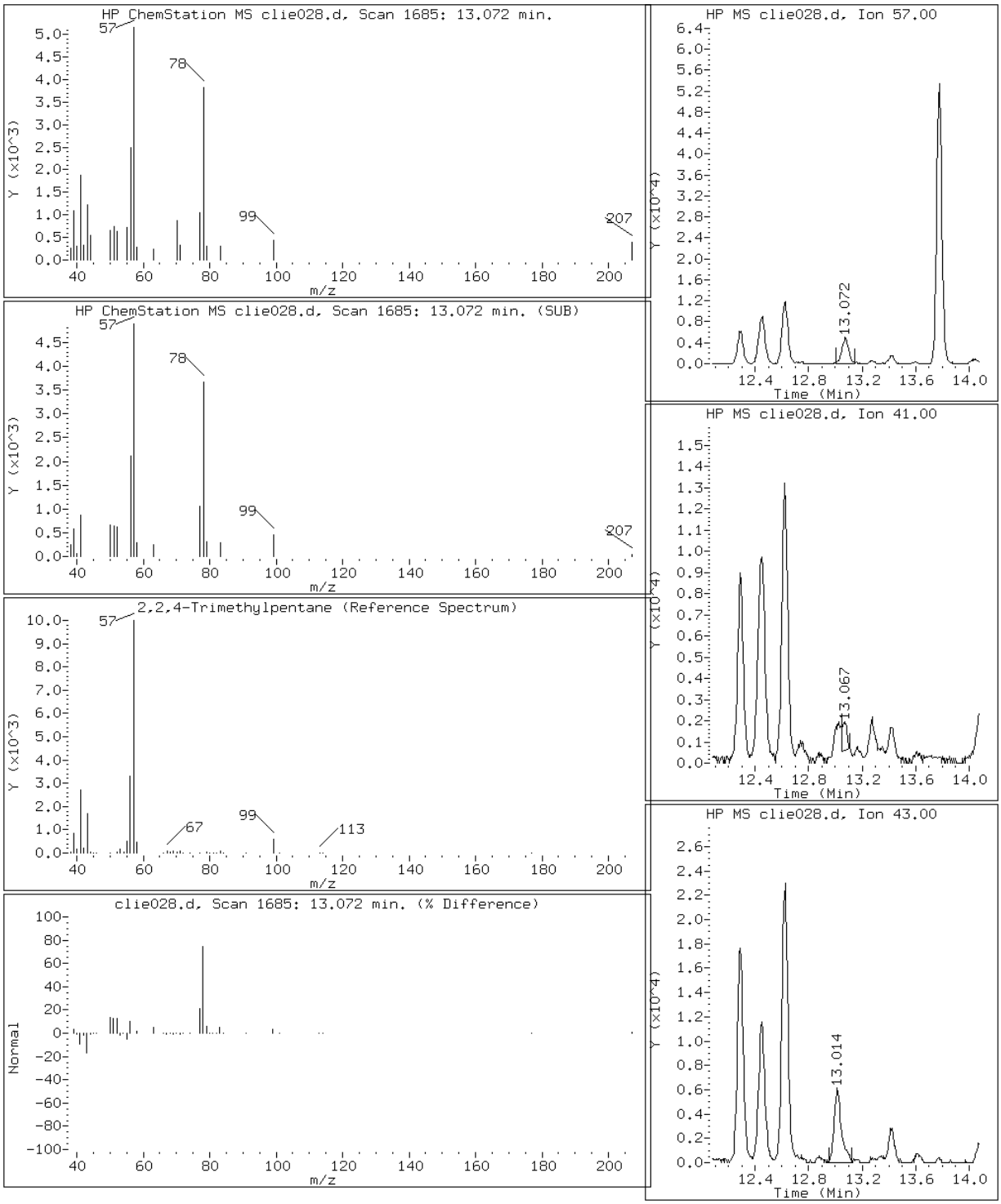
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

43 2,2,4-Trimethylpentane



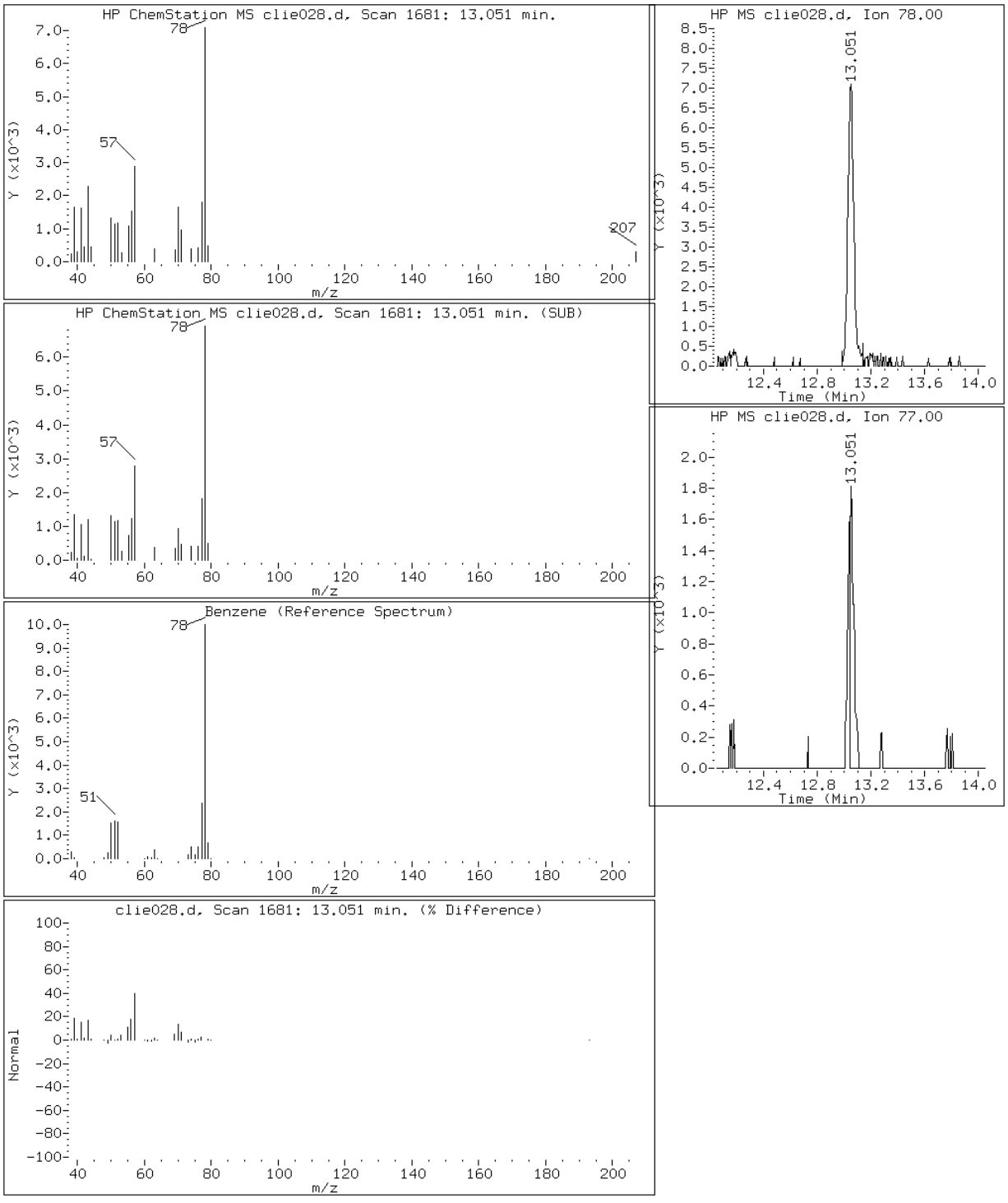
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

44 Benzene



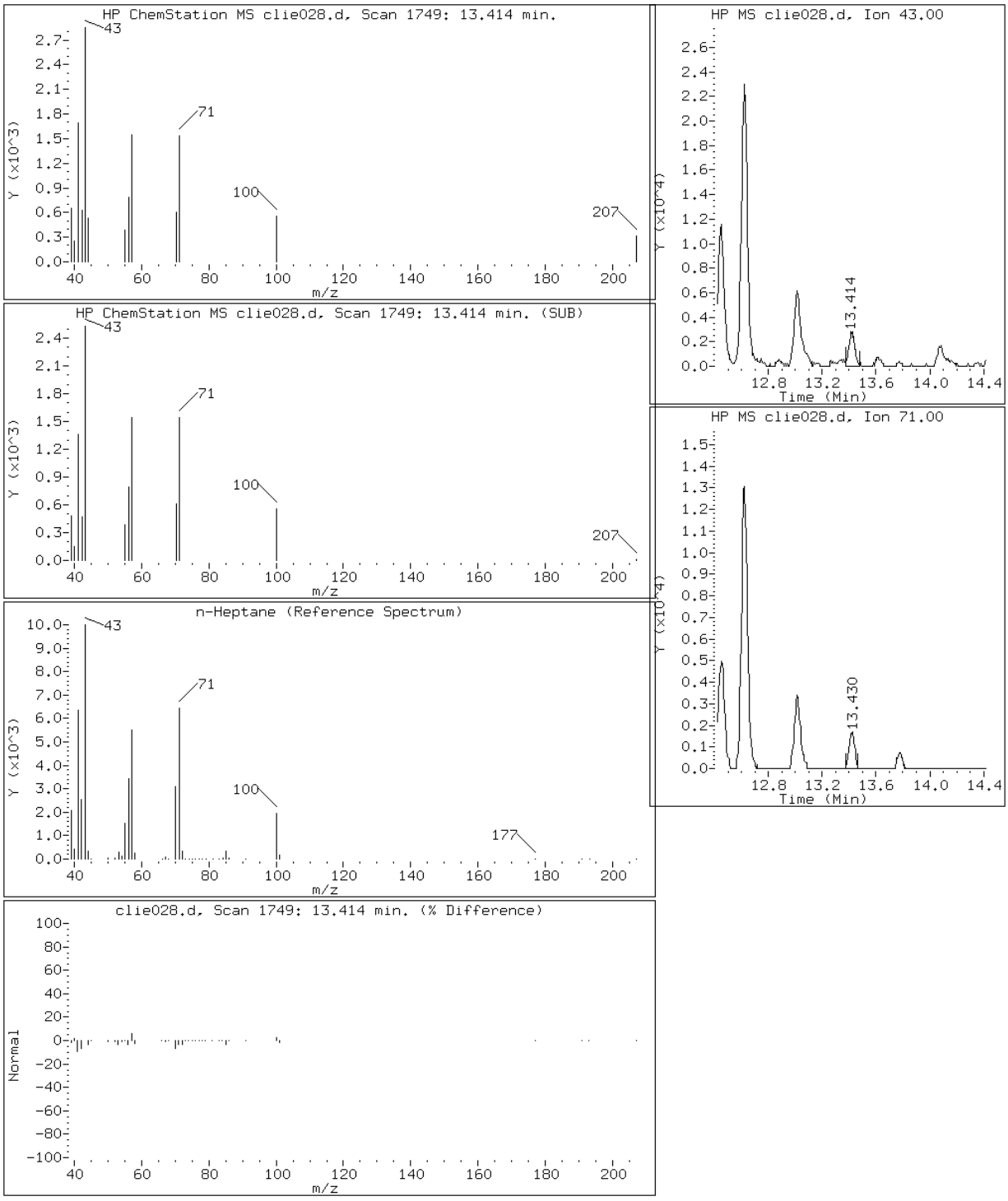
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

46 n-Heptane



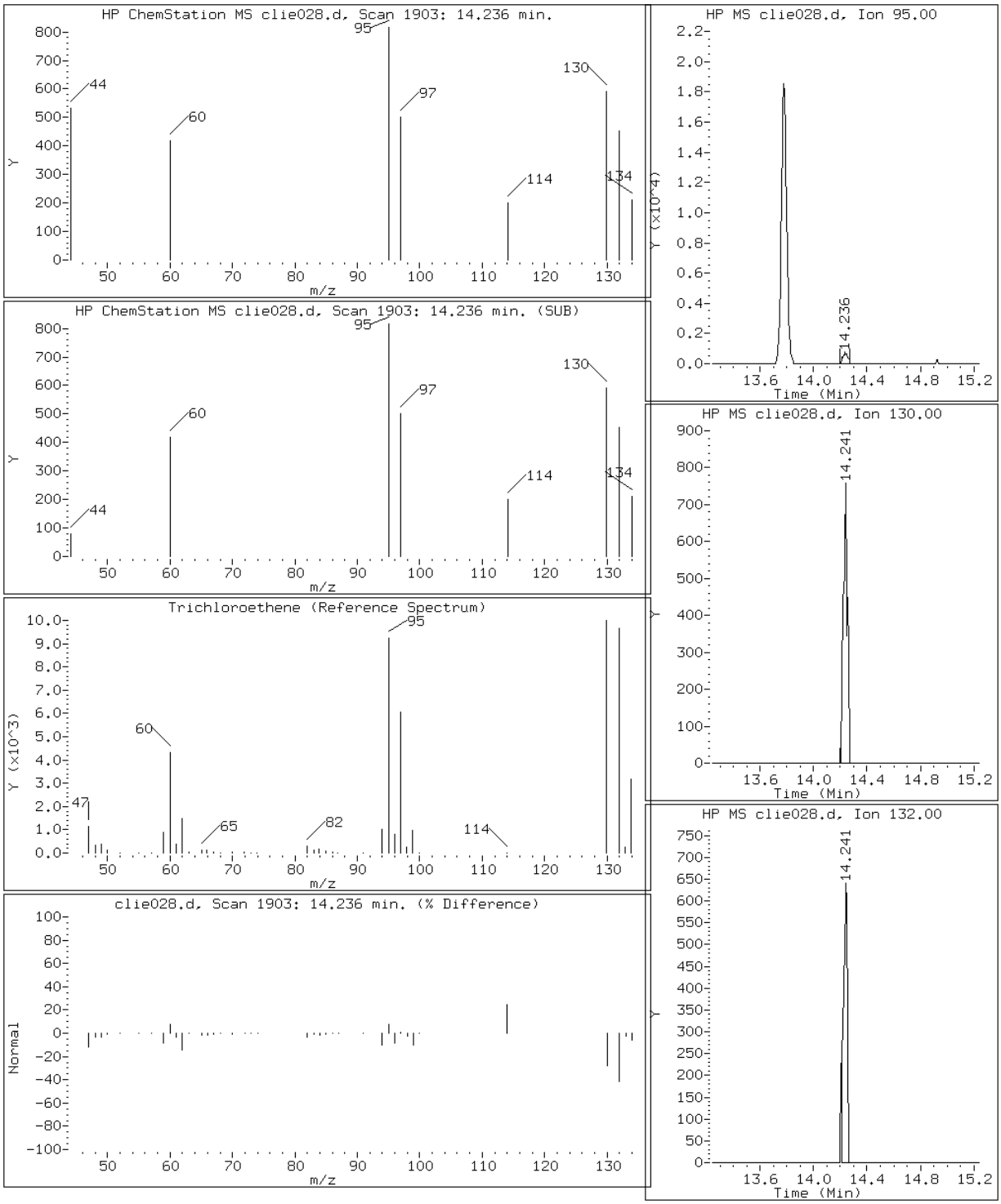
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

49 Trichloroethene



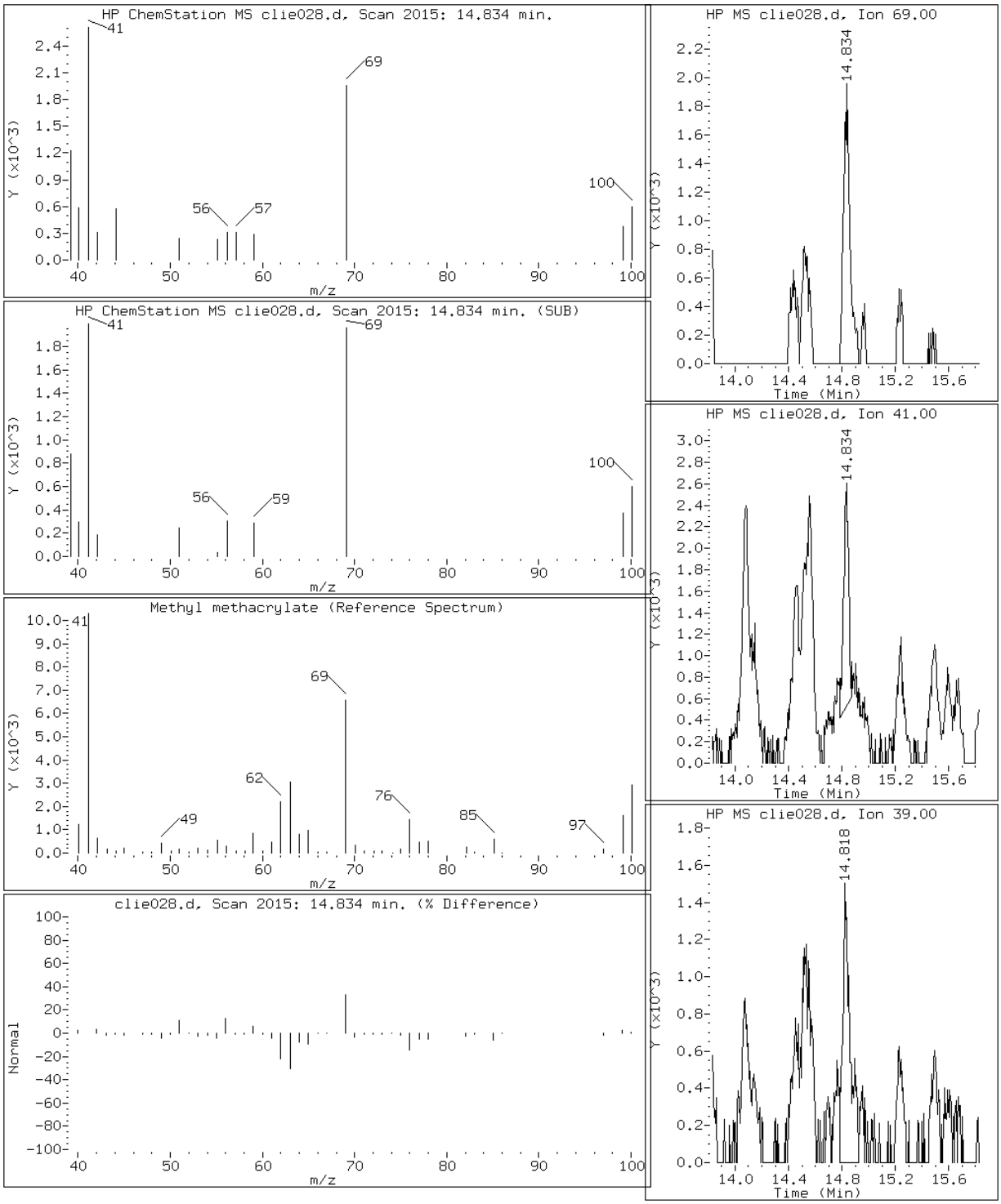
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

51 Methyl methacrylate



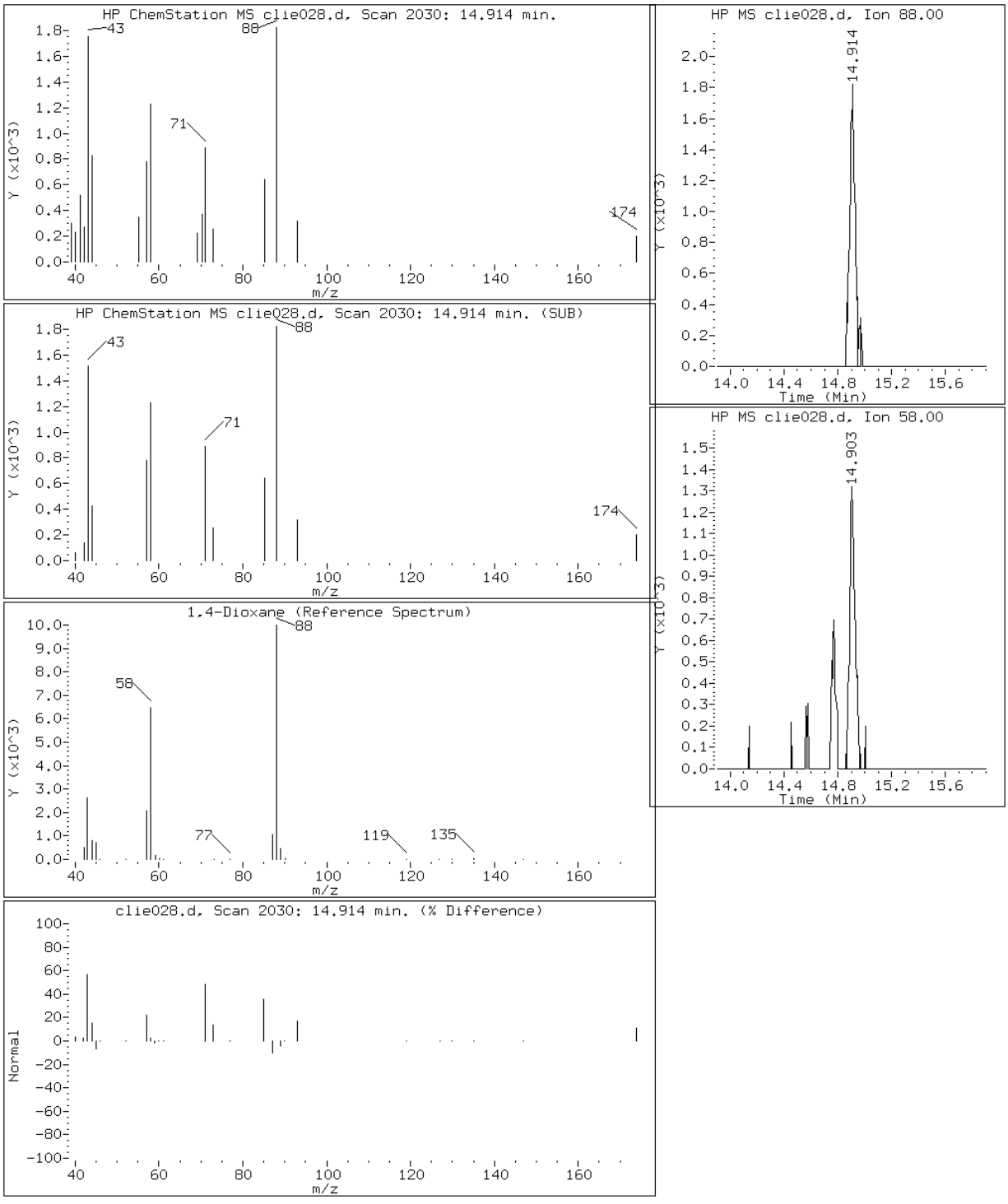
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

53 1,4-Dioxane



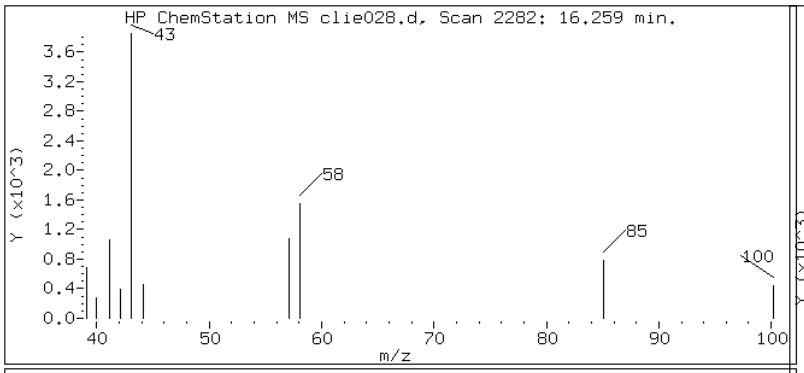
Data File: clie028.d

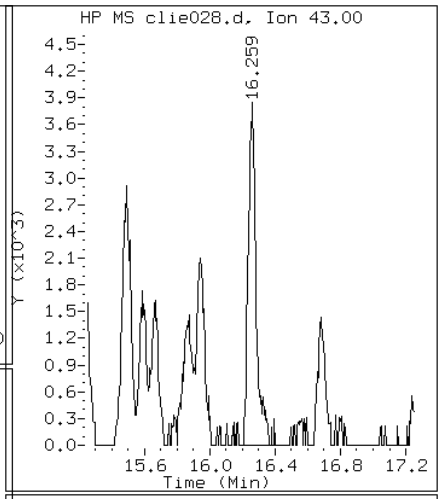
Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

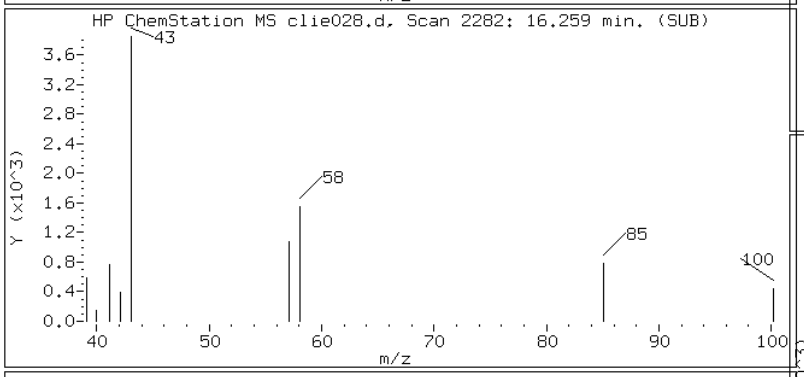
Client ID: 774IA1IA Instrument: C.i

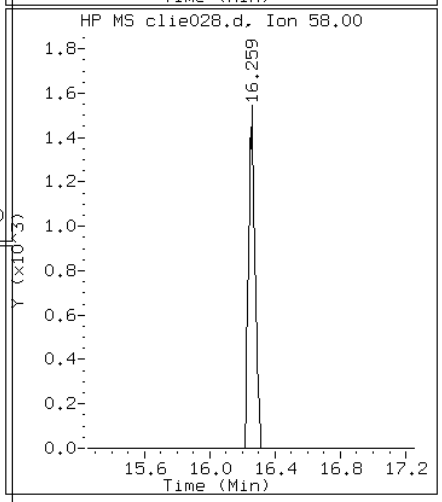
Sample Info: 280-39218-A-8 Operator: wrd

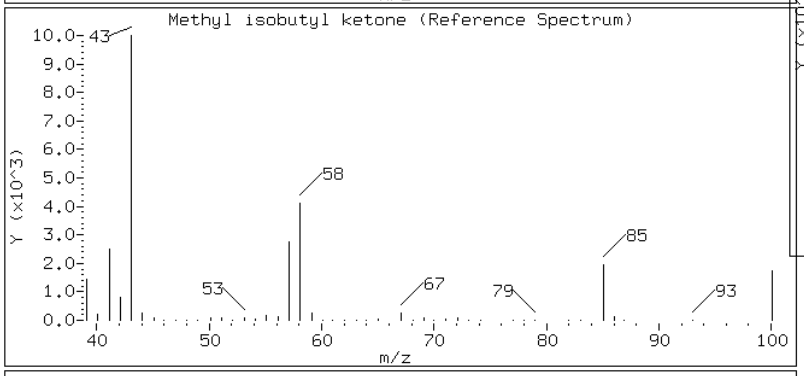
56 Methyl isobutyl ketone

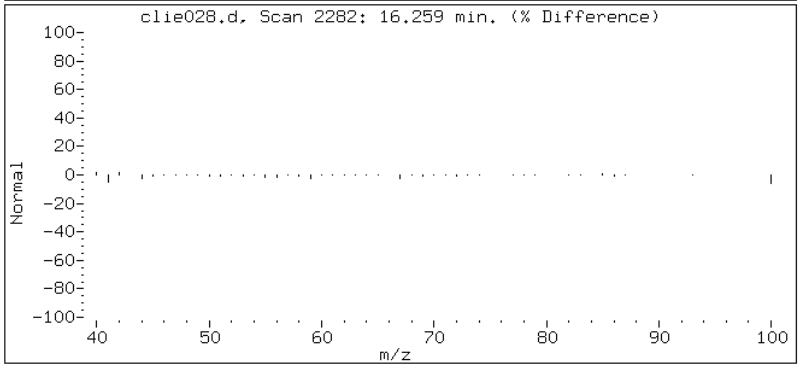












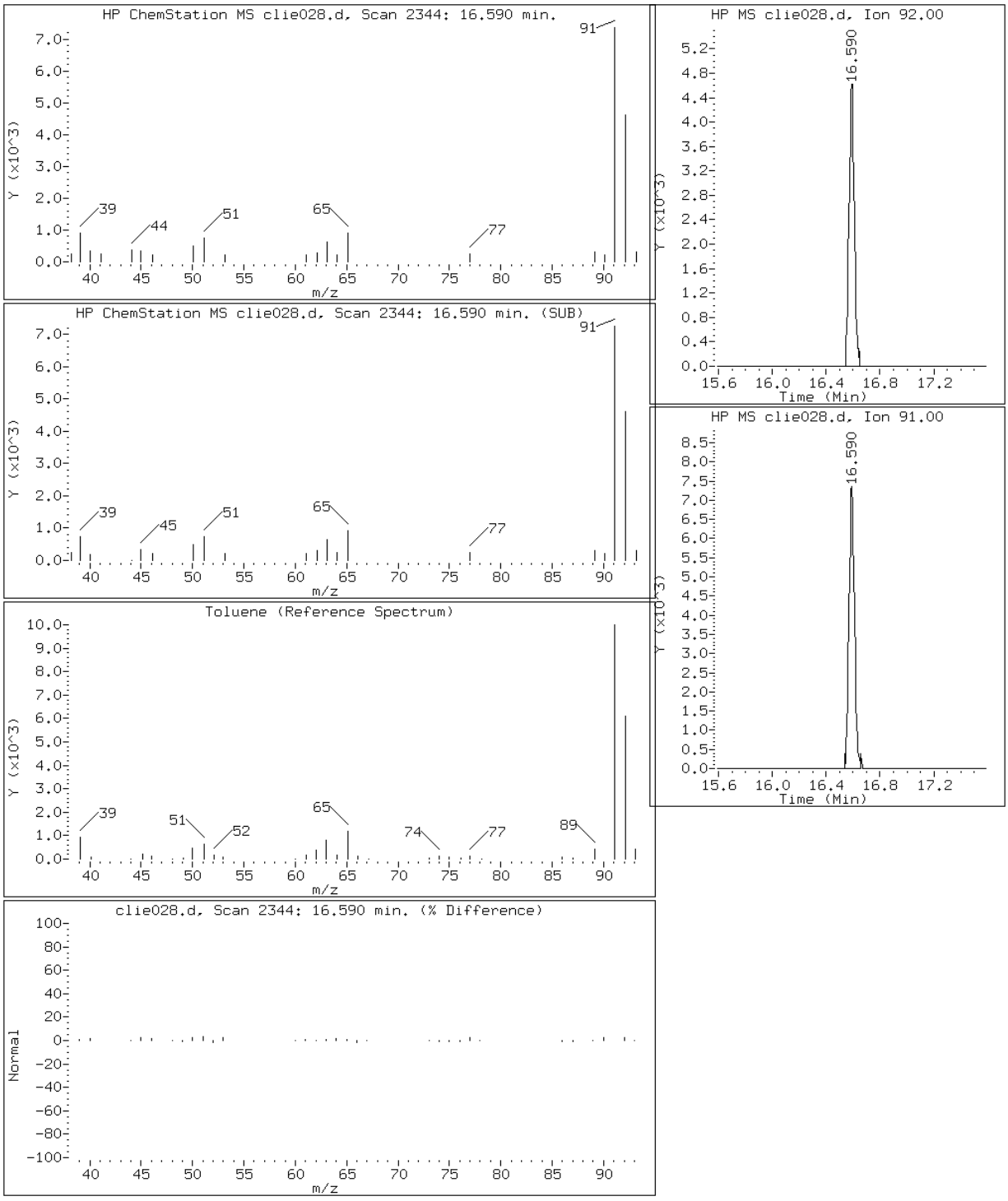
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

58 Toluene



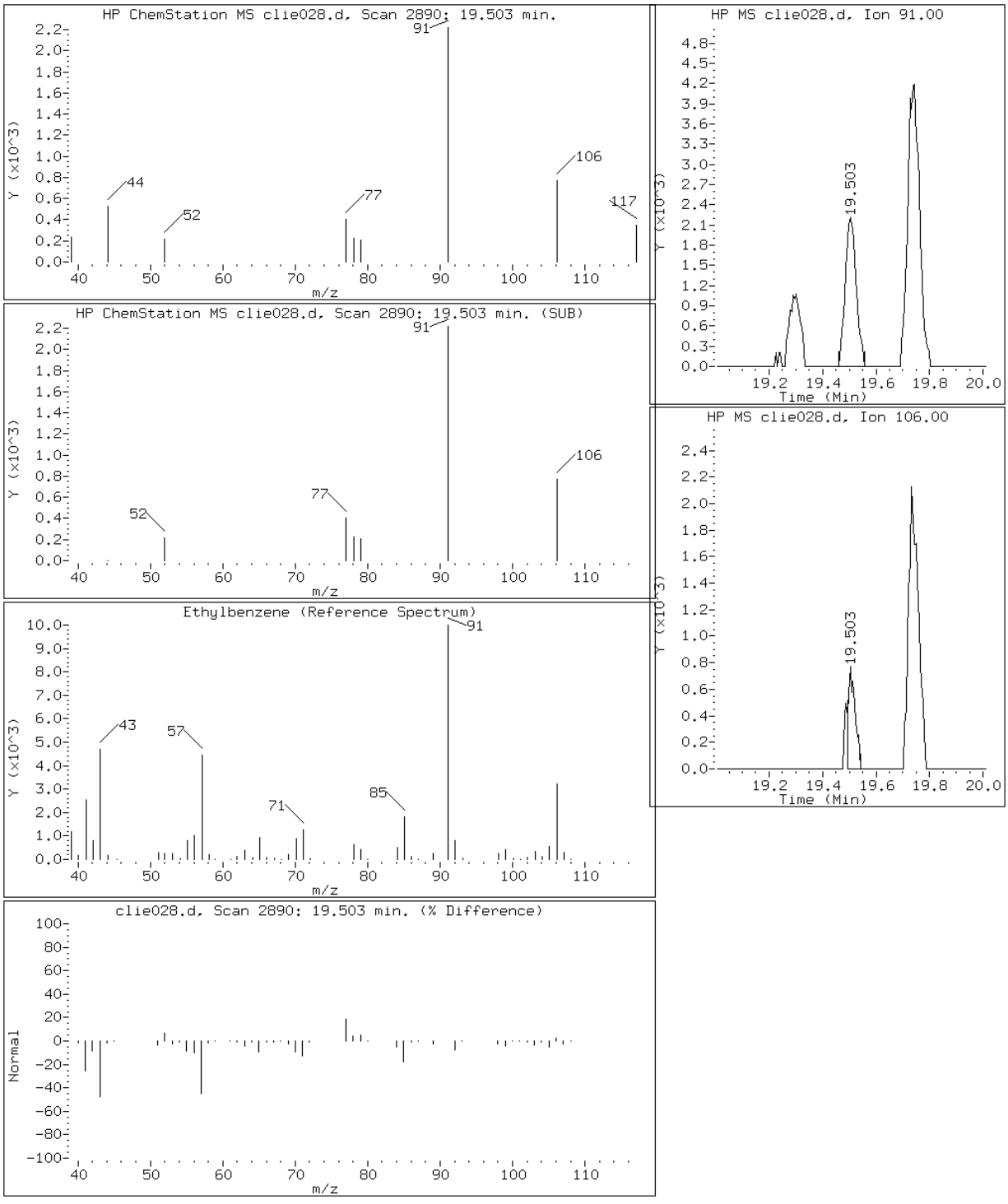
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

68 Ethylbenzene



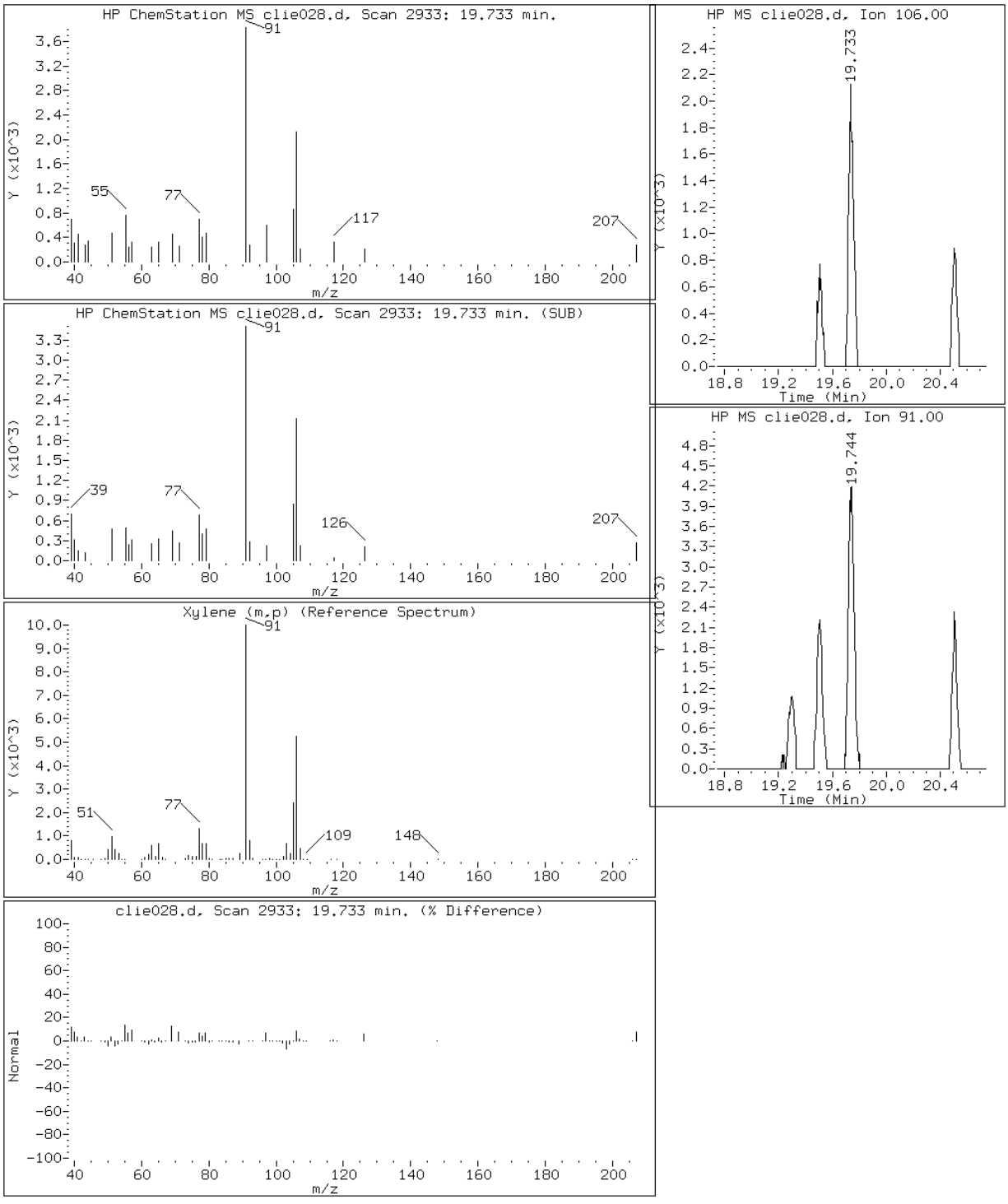
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

69 Xylene (m,p)



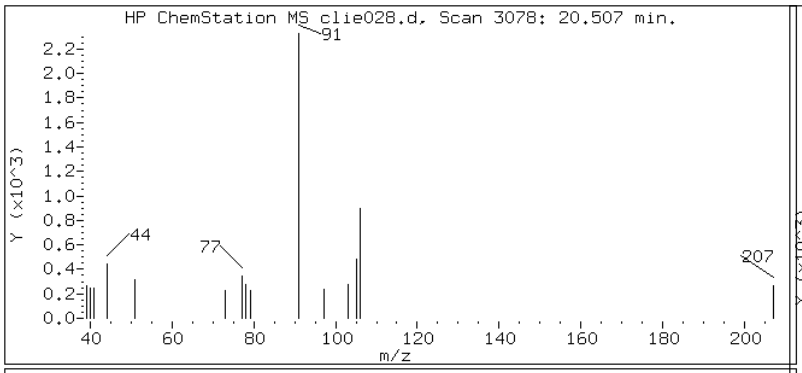
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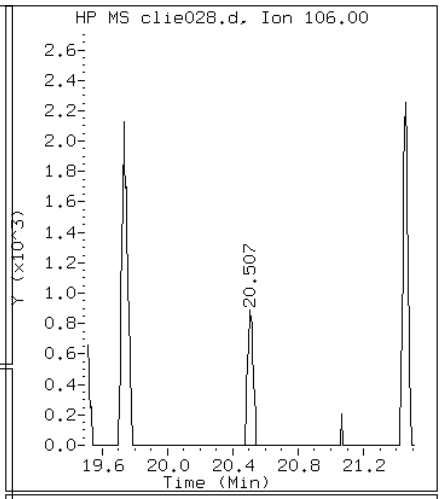
Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

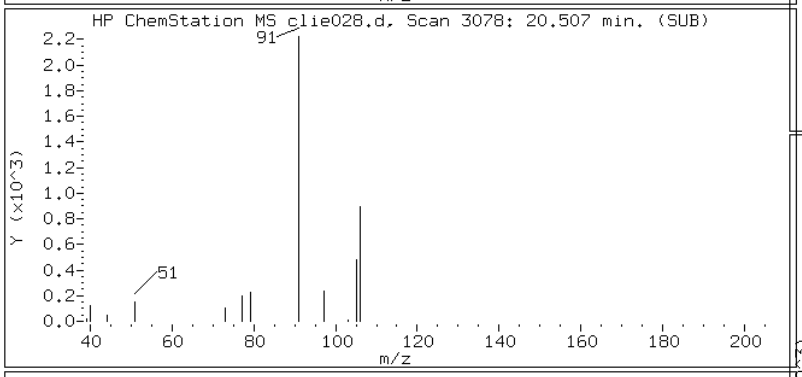
Client ID: 774IA1IA Instrument: C.i

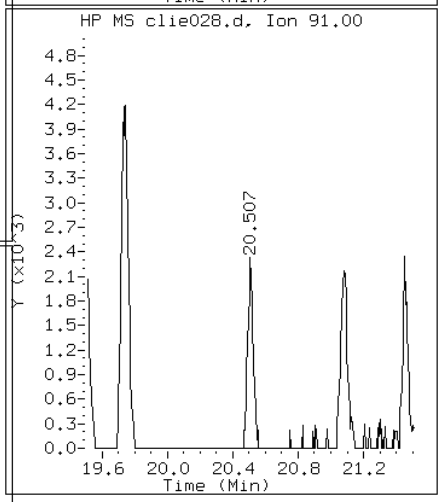
Sample Info: 280-39218-A-8 Operator: wrd

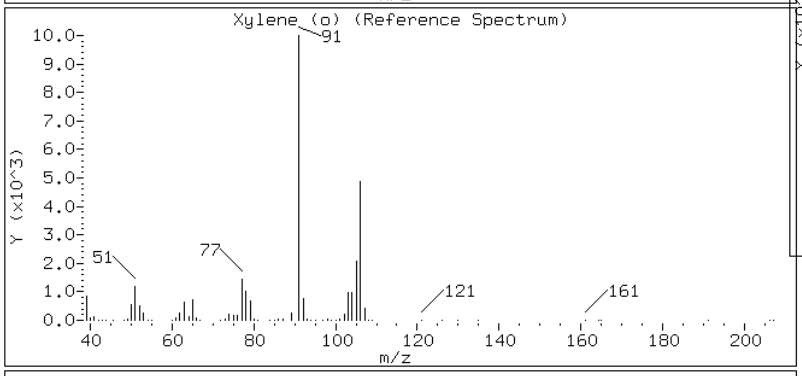
71 Xylene (o)

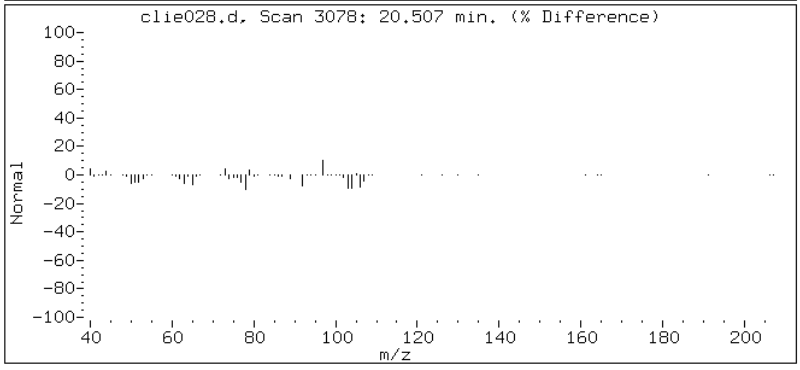












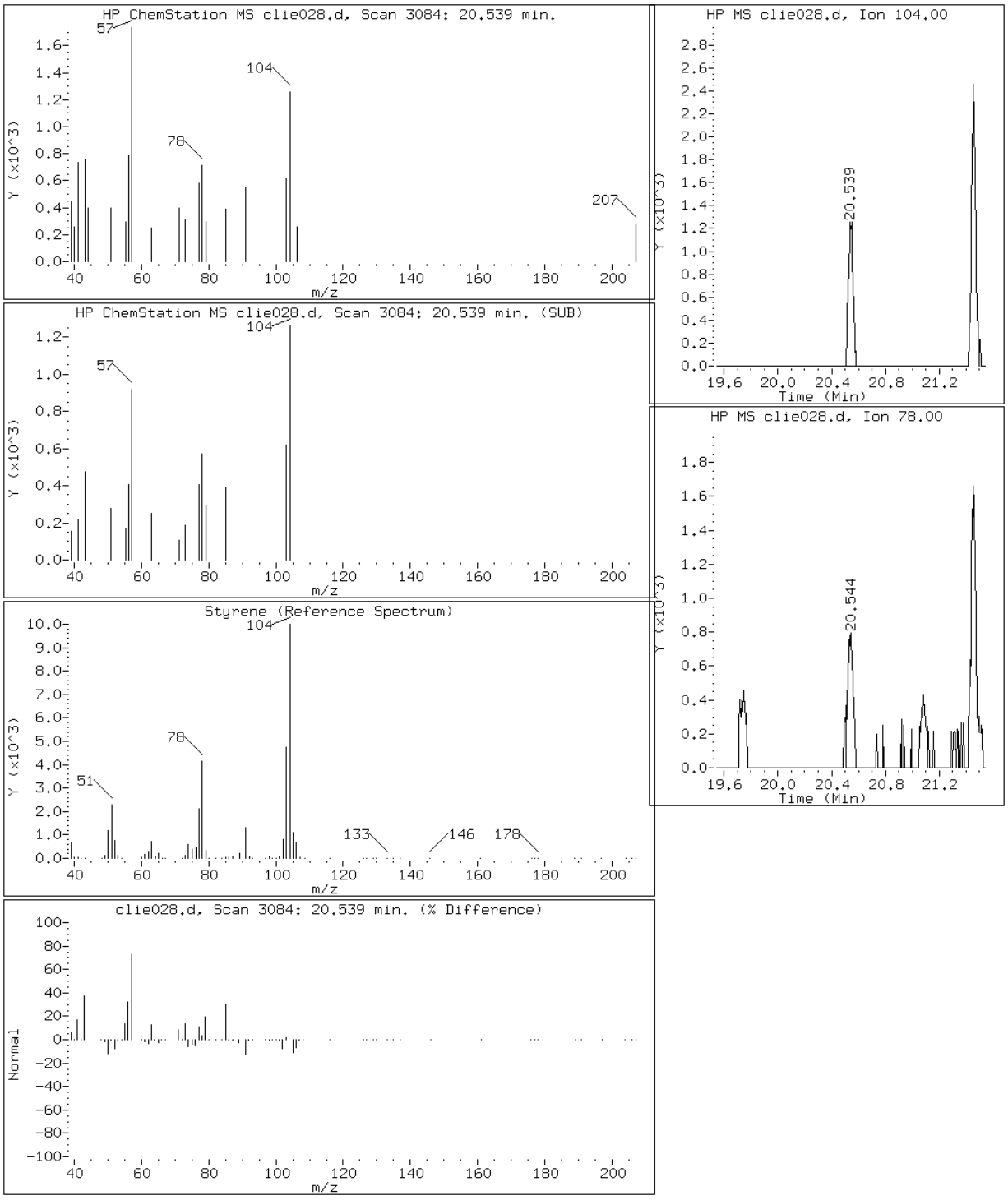
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

72 Styrene



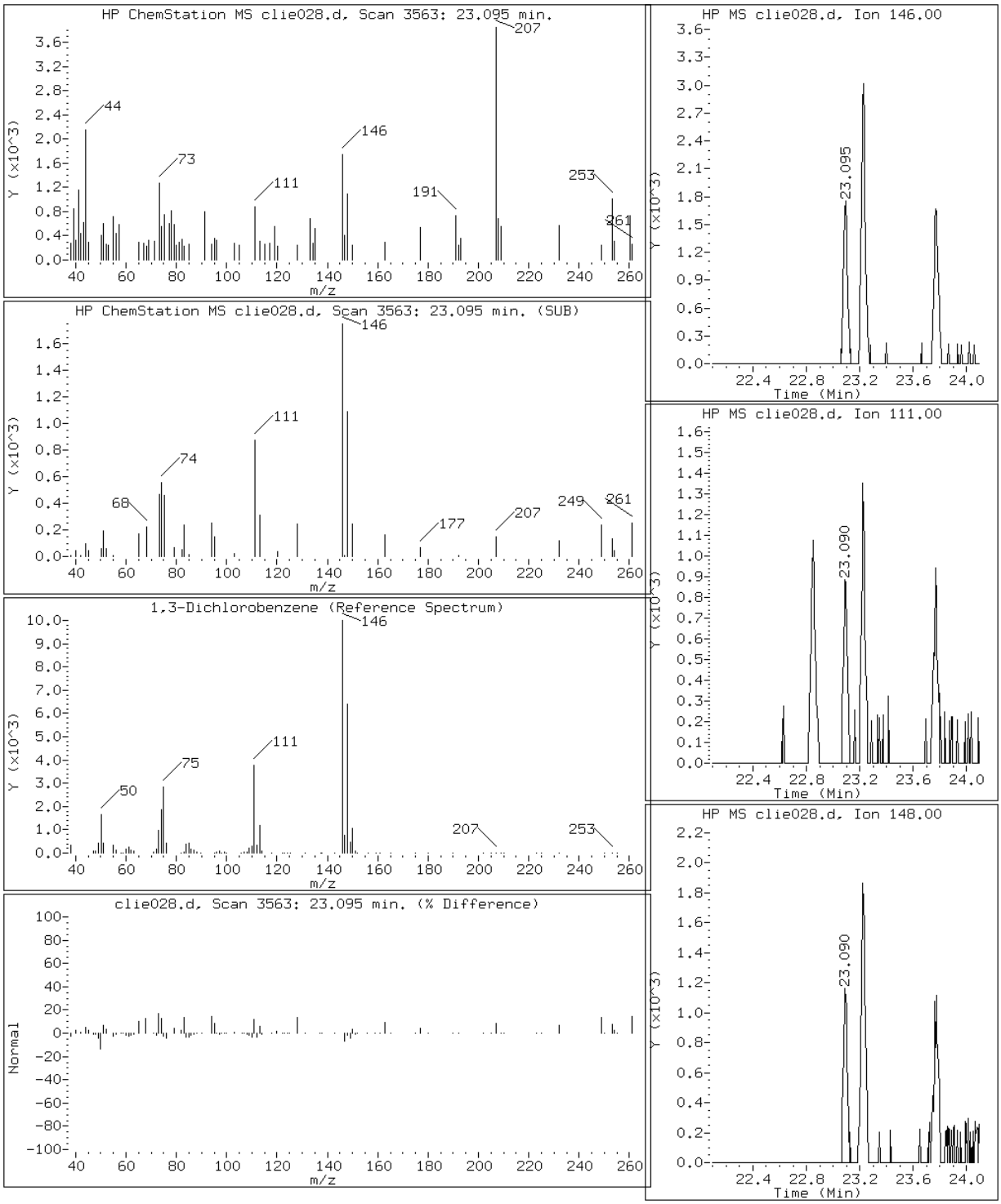
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

87 1,3-Dichlorobenzene



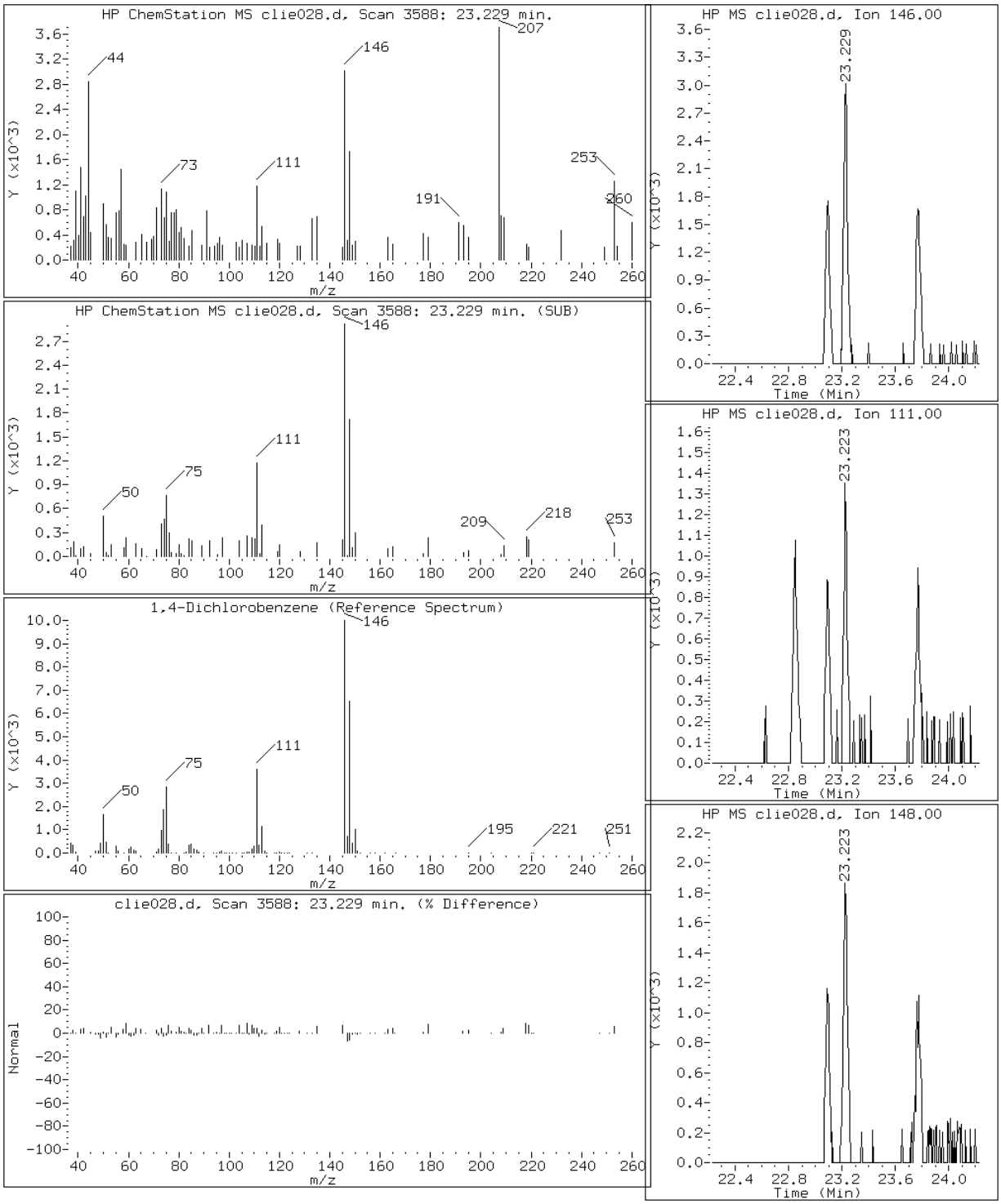
Data File: clie028.d

Lab Sample ID: 280-39218-8 Date: 15-MAR-2013 10:53

Client ID: 774IA1IA Instrument: C.i

Sample Info: 280-39218-A-8 Operator: wrd

88 1,4-Dichlorobenzene



Manual Integration Report

Data File: clie028.d
Lab Sample ID: 280-39218-8
Inj. Date and Time: 15-MAR-2013 10:53
Instrument ID: C.i
Client ID: 774IA1IA
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 03/15/2013

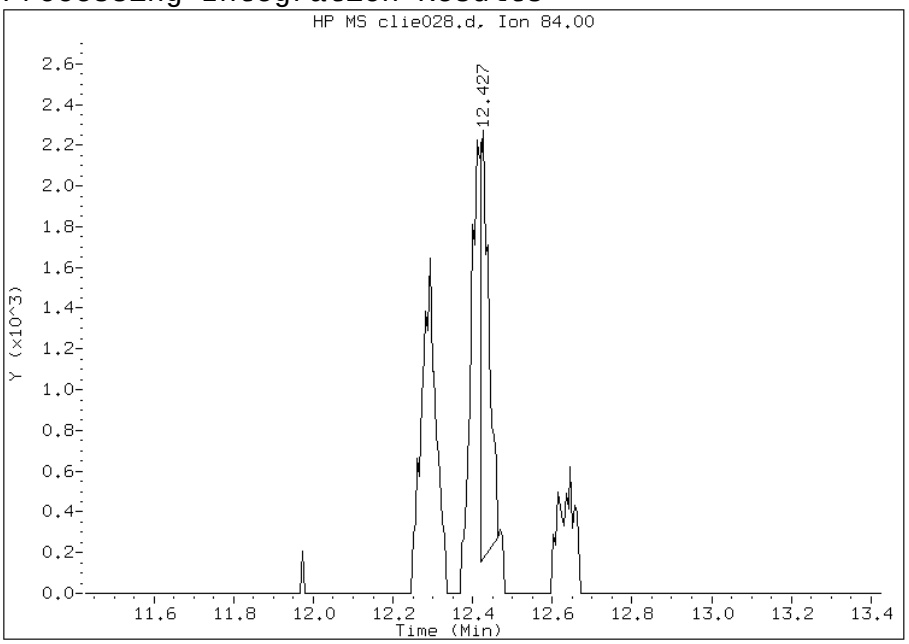
Processing Integration Results

RT: 12.43

Response: 3062

Amount: 0.070266

Conc: 0.070266



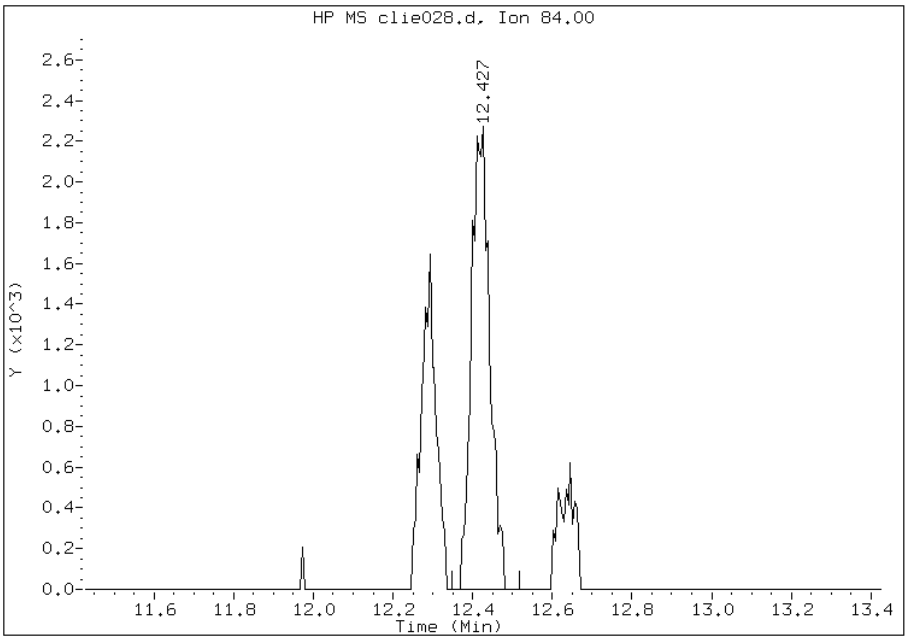
Manual Integration Results

RT: 12.43

Response: 7262

Amount: 0.166647

Conc: 0.166647



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.: 280-39218-1

SDG No.:

Client Sample ID: 774776OA1IA Lab Sample ID: 280-39218-9

Matrix: Air Lab File ID: clja005.d

Analysis Method: TO-15 Date Collected: 02/21/2013 09:00

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 17:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.54		0.50	0.020
75-45-6	Freon 22	86.47	0.31	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.75		0.50	0.034
106-97-8	n-Butane	58.12	0.58		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.021
76-13-1	Freon TF	187.38	0.084	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	6.2		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.20	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.28	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.14	J	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.50		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.075	J M	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.19	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774776OA1IA Lab Sample ID: 280-39218-9

Matrix: Air Lab File ID: clja005.d

Analysis Method: TO-15 Date Collected: 02/21/2013 09:00

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 17:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.10	J	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774776OA1IA Lab Sample ID: 280-39218-9

Matrix: Air Lab File ID: clja005.d

Analysis Method: TO-15 Date Collected: 02/21/2013 09:00

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 17:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U Q	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U Q	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774776OA1IA Lab Sample ID: 280-39218-9

Matrix: Air Lab File ID: clja005.d

Analysis Method: TO-15 Date Collected: 02/21/2013 09:00

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 17:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.099
75-45-6	Freon 22	86.47	1.1	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.5		1.0	0.070
106-97-8	n-Butane	58.12	1.4		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	0.64	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	15		12	0.95
67-63-0	Isopropyl alcohol	60.10	0.49	U	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.98	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.48	J	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	1.5		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.47	J M	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.61	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774776OA1IA Lab Sample ID: 280-39218-9

Matrix: Air Lab File ID: clja005.d

Analysis Method: TO-15 Date Collected: 02/21/2013 09:00

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 17:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.39	J	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 774776OA1IA Lab Sample ID: 280-39218-9

Matrix: Air Lab File ID: clja005.d

Analysis Method: TO-15 Date Collected: 02/21/2013 09:00

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 17:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U Q	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U Q	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-9
Client Smp ID: 774776OA1IA
Inj Date : 22-MAR-2013 17:48
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-9
Misc Info : 200,1, all74
Comment :
Method : /chem/C.i/Csvr.p/cljato15.b/to15v5.m
Meth Date : 24-Mar-2013 11:57 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 09:43 Cal File: clj012.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	4.282	4.283	(0.358)	40380	0.54424	0.54
3 Chlorodifluoromethane	51	4.341	4.336	(0.363)	11946	0.30595	0.31(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.773	4.774	(0.399)	17750	0.74758	0.75
6 Butane	43	5.040	5.035	(0.422)	22891	0.57606	0.58
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.775	(0.567)	17033	0.24533	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.954	7.938	(0.666)	4325	0.08369	0.084(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.157	8.152	(0.682)	140987	6.24987	6.2
21 Carbon disulfide	76	Compound Not Detected.					

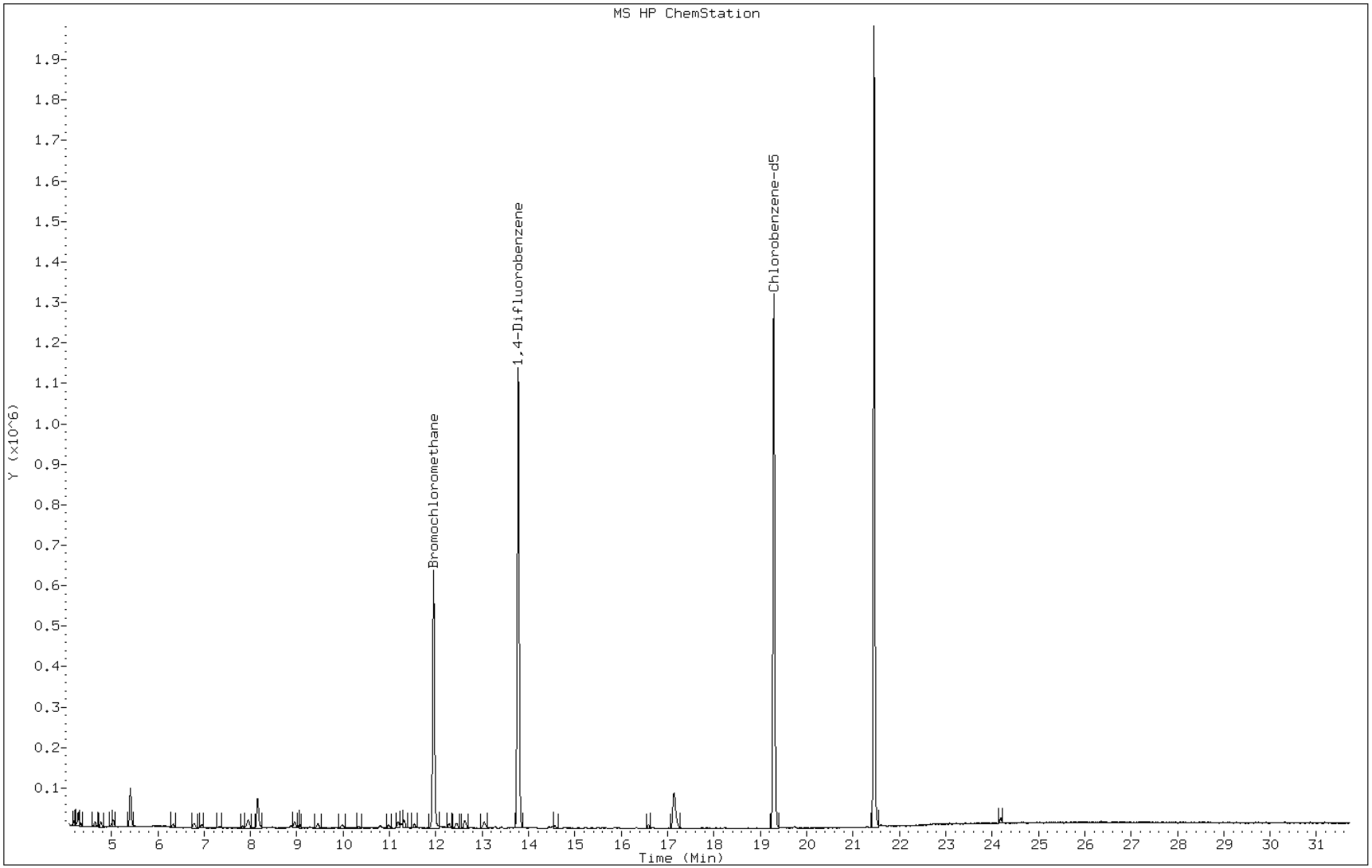
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.048	9.048	(0.757)	7092	0.28352	0.28(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.998	9.993	(0.837)	5618	0.13759	0.14(aQ)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.530	11.525	(0.965)	5034	0.50402	0.50(Q)
*	37 Bromochloromethane	128	11.952	11.952	(1.000)	296209	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	12.661	12.651	(0.919)	5242	0.07502	0.075(aM)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	13.046	13.051	(0.947)	16580	0.19179	0.19(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1508835	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	16.589	16.589	(0.860)	6510	0.10407	0.10(a)
	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	19.295	19.295	(1.000)	1371453	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	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.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clja005.d	Date:	22-MAR-2013 17:48
Client ID:	774776OA1IA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-9		
Lab Sample ID:	280-39218-9		



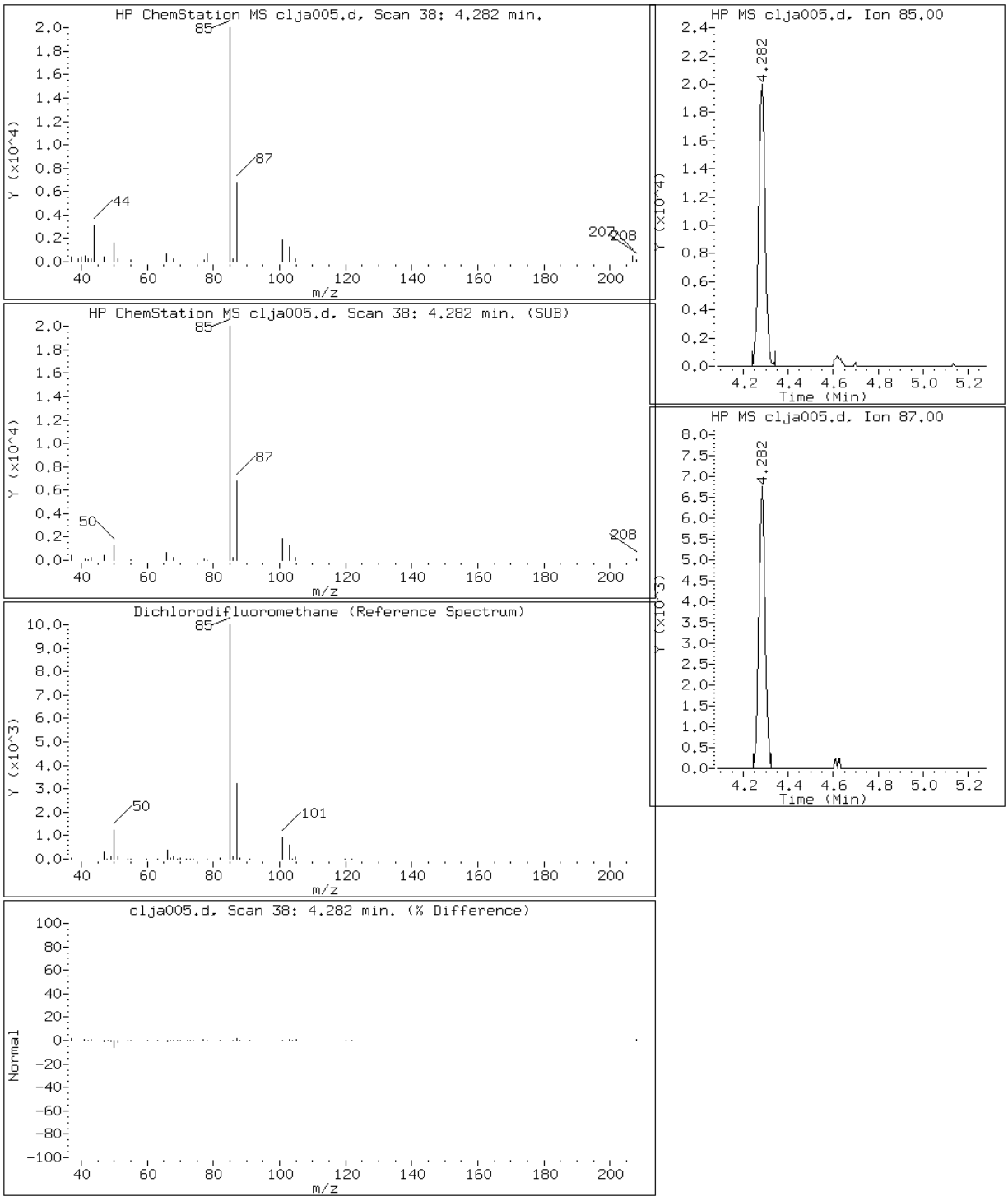
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

2 Dichlorodifluoromethane



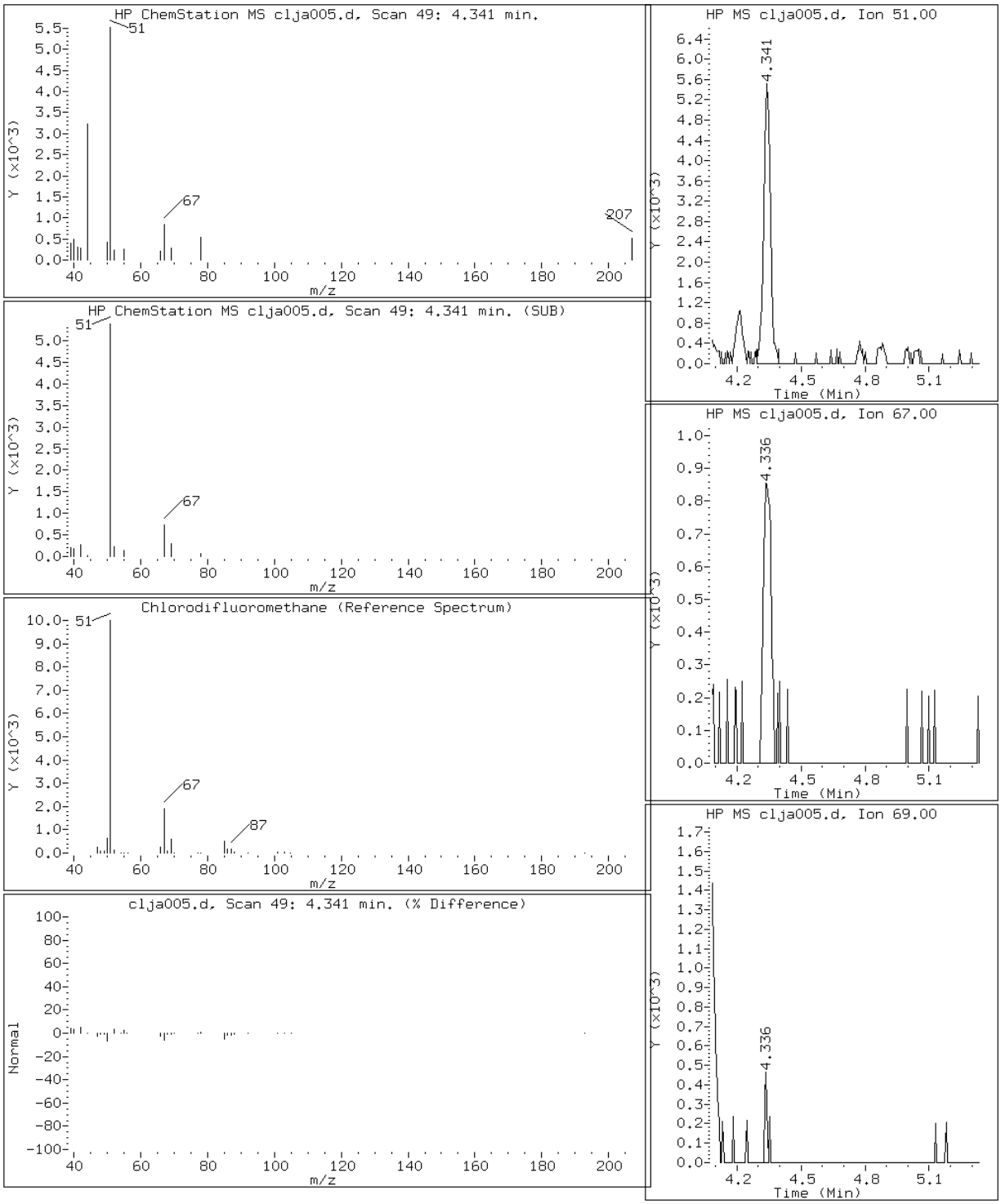
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Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

3 Chlorodifluoromethane



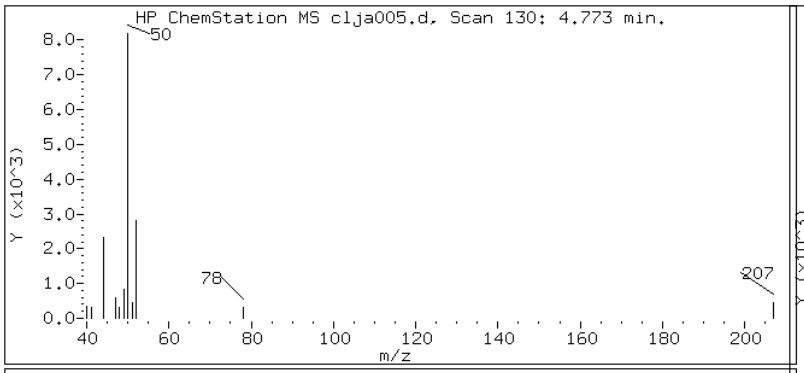
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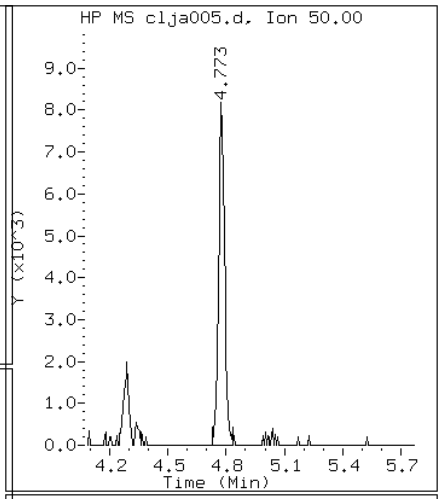
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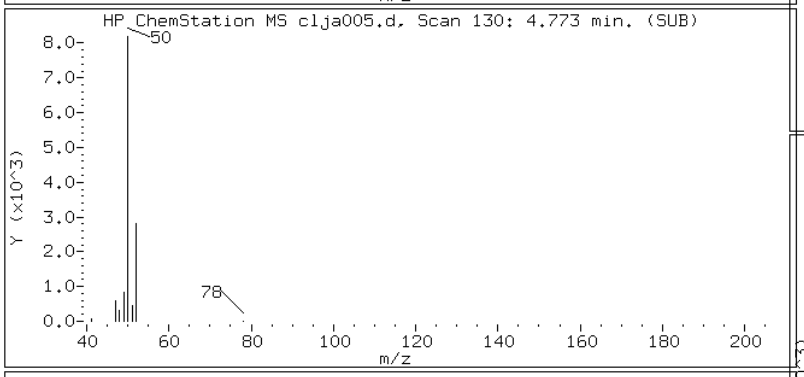
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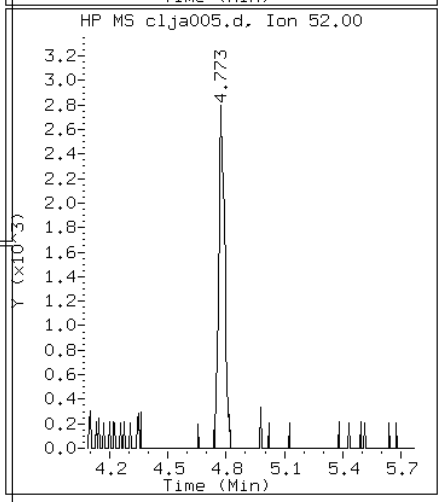
Sample Info: 280-39218-A-9 Operator: wrd

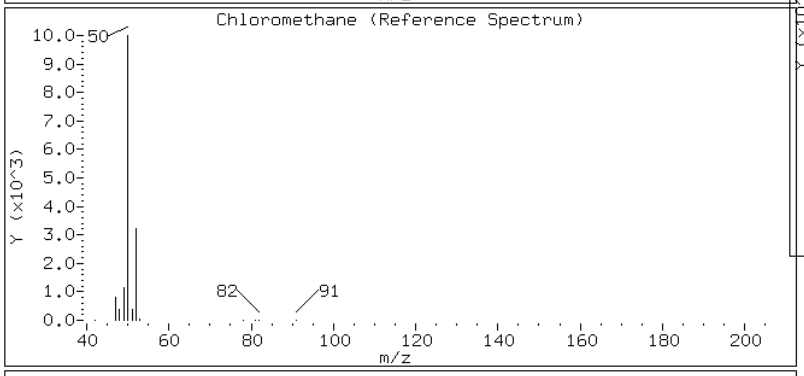
5 Chloromethane

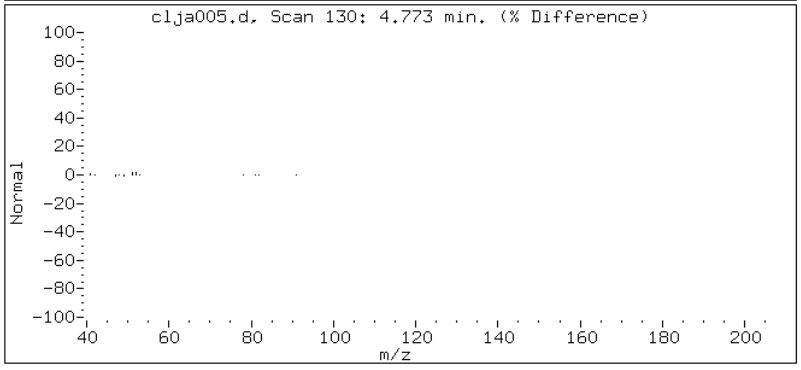












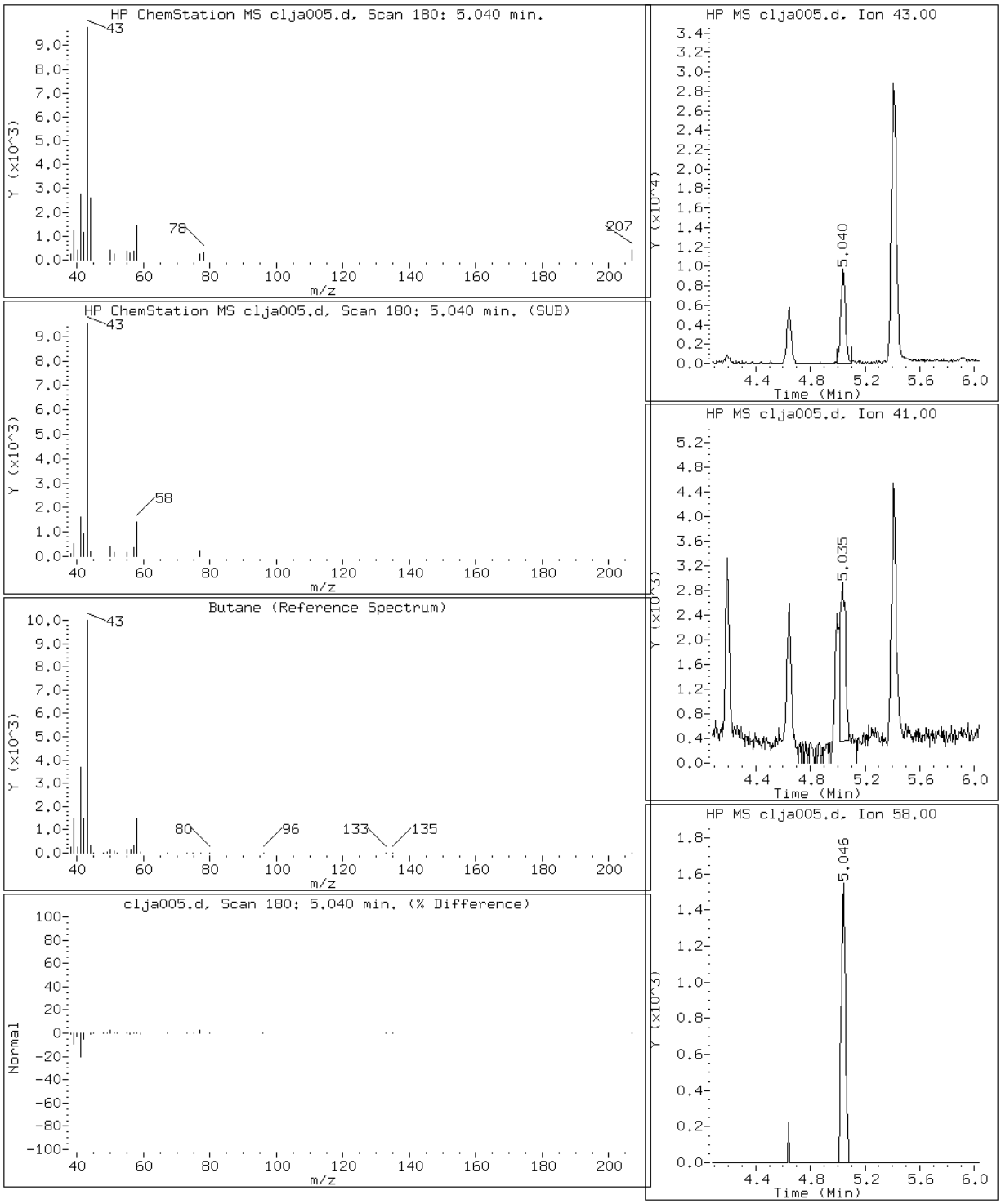
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Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

6 Butane



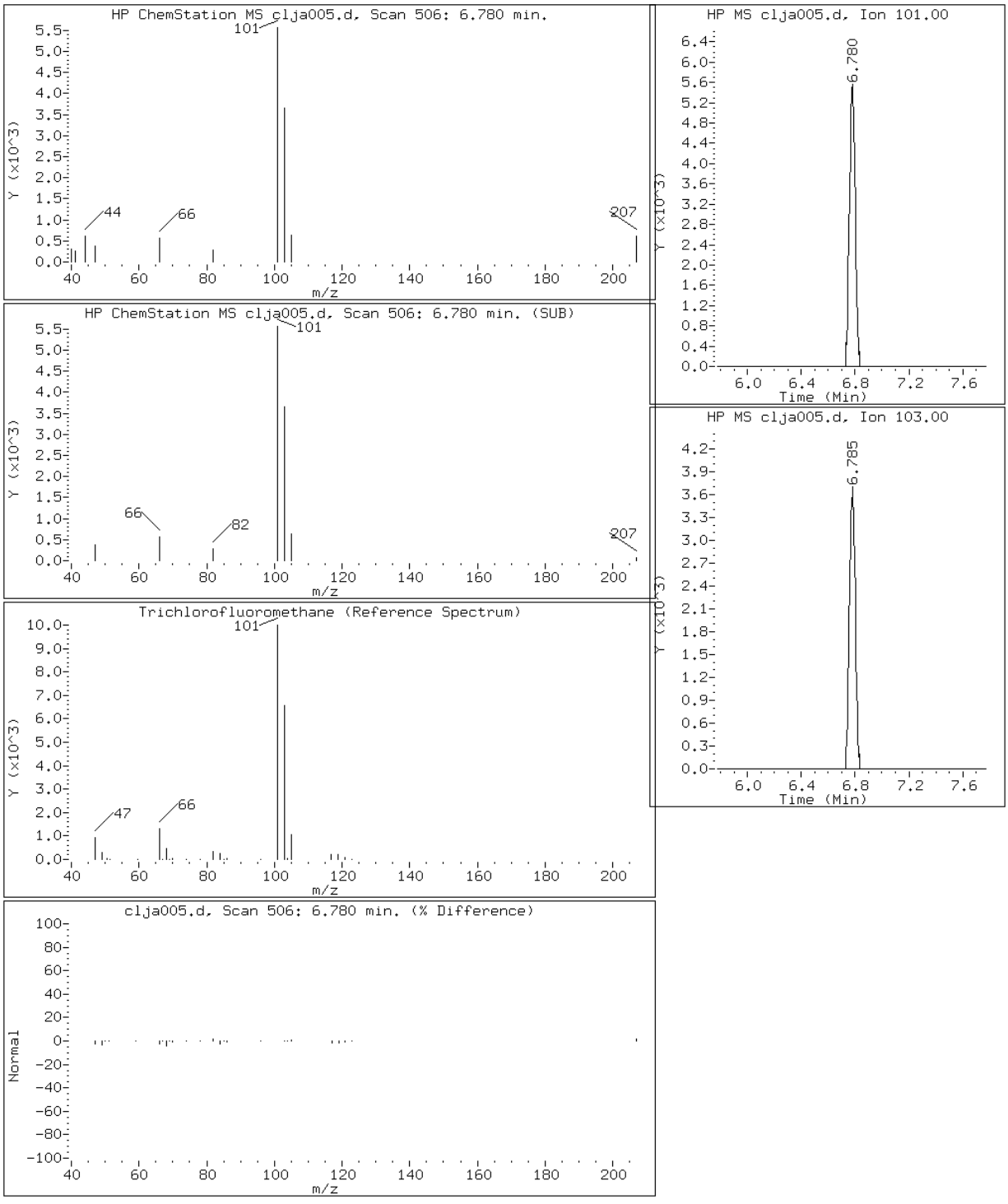
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

13 Trichlorofluoromethane



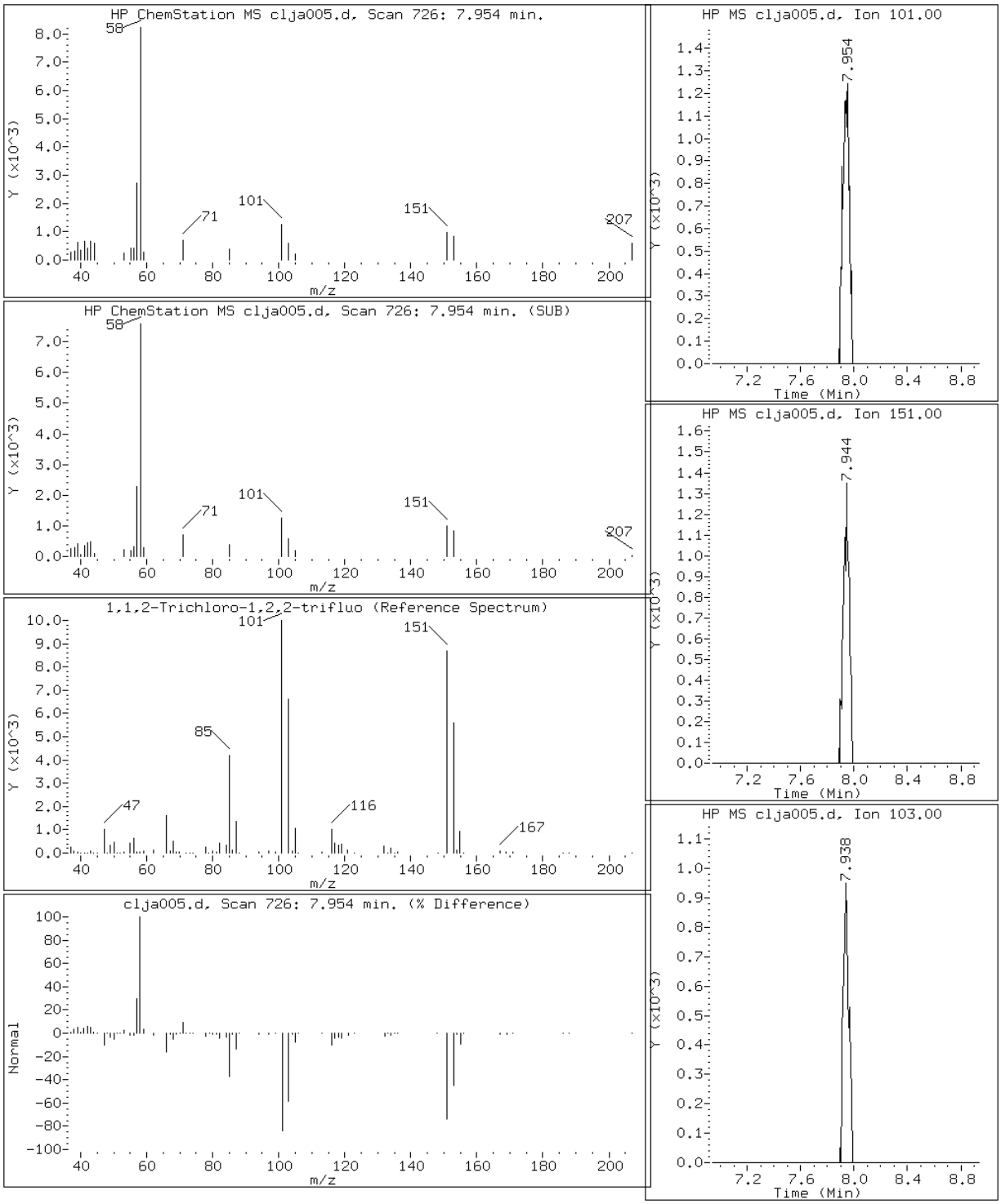
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



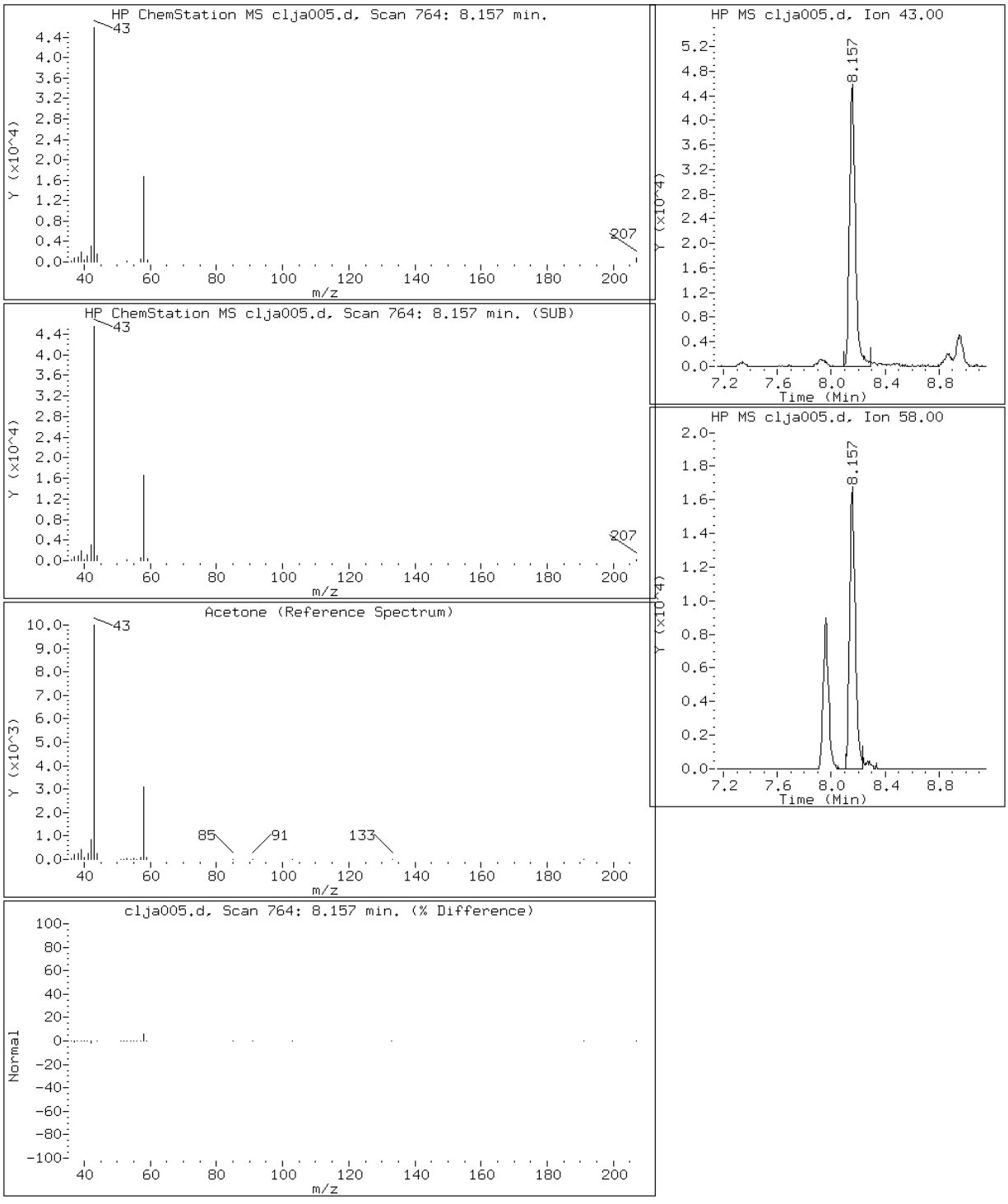
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

20 Acetone



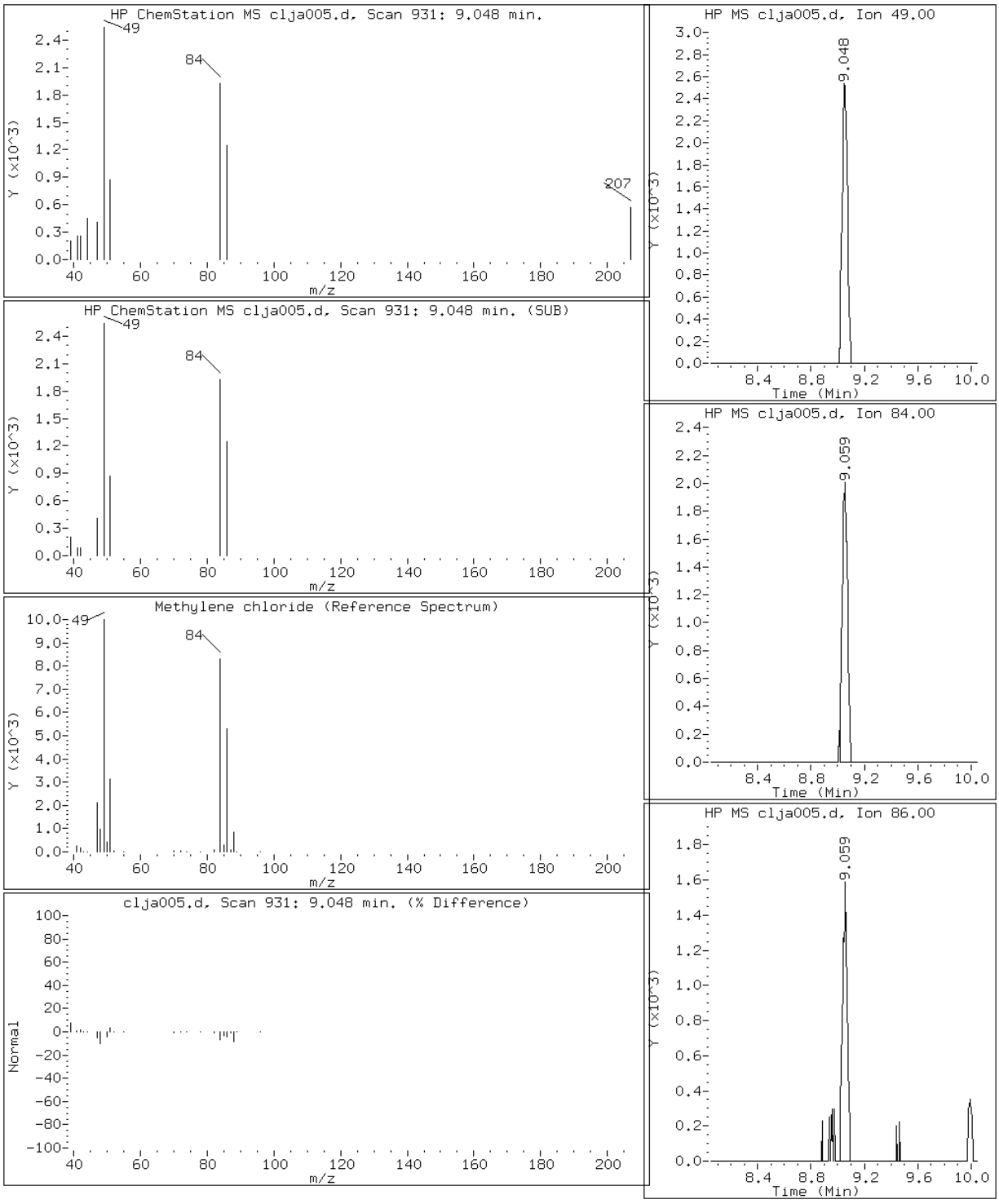
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

25 Methylene chloride



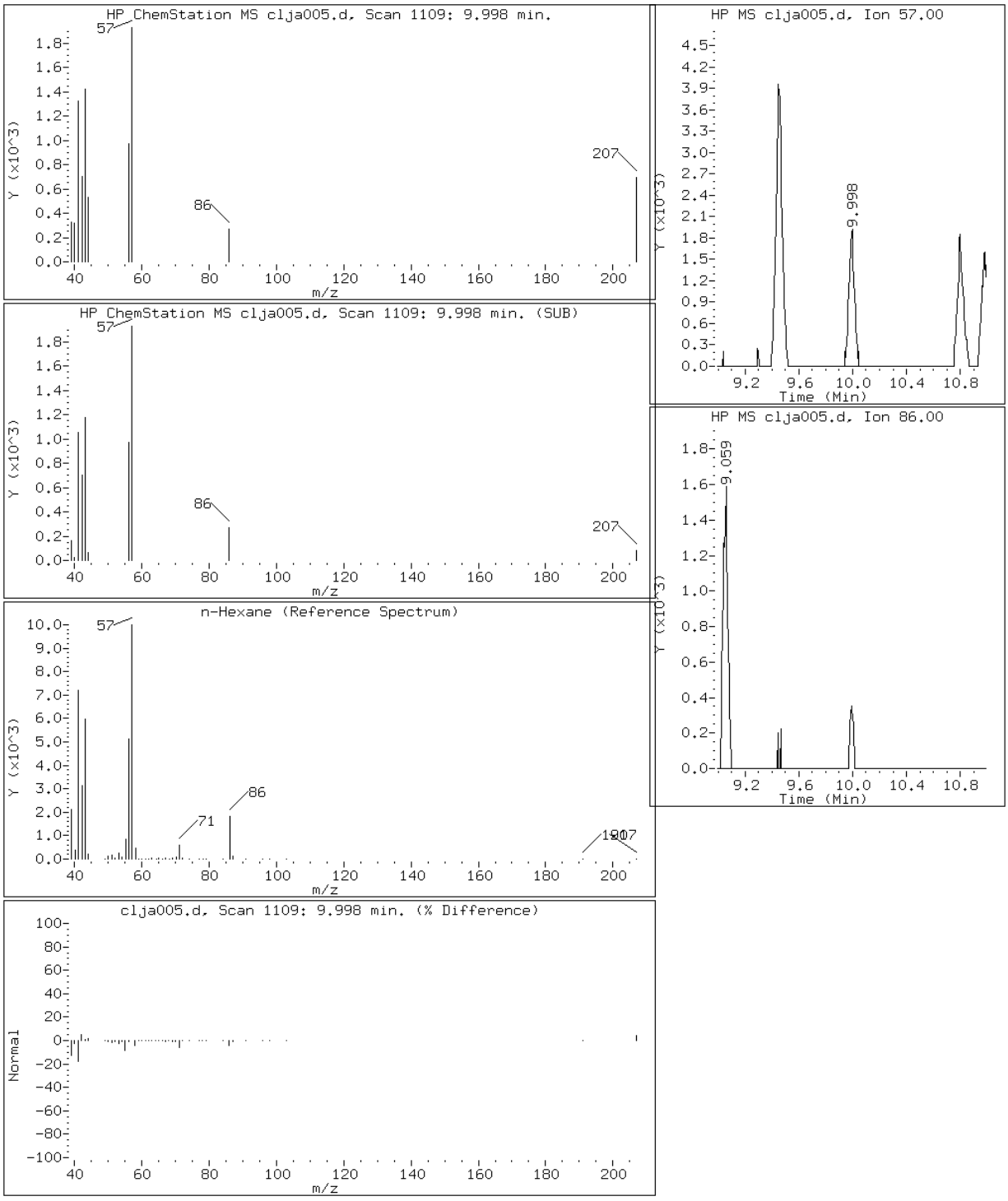
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

30 n-Hexane



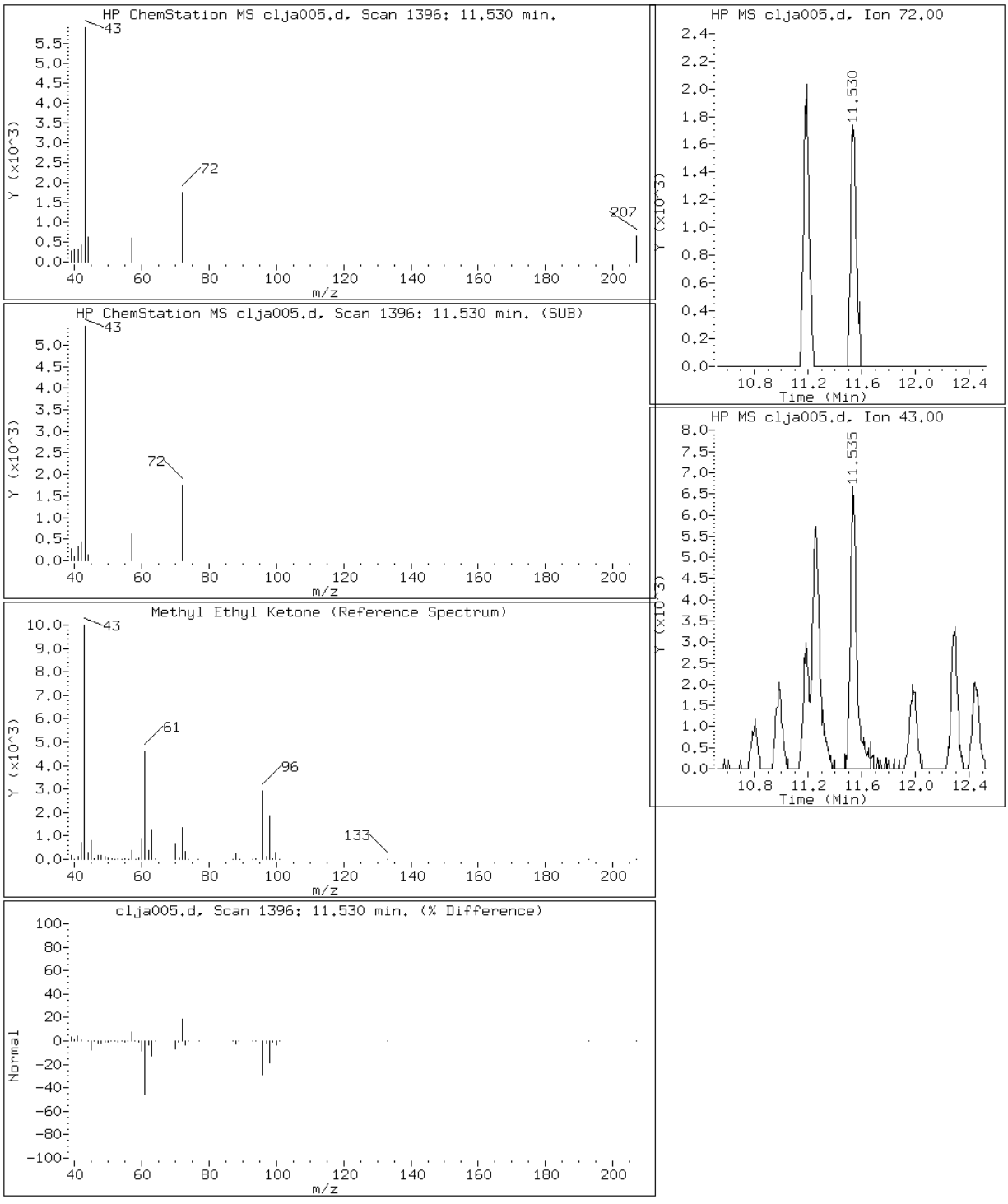
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

36 Methyl Ethyl Ketone



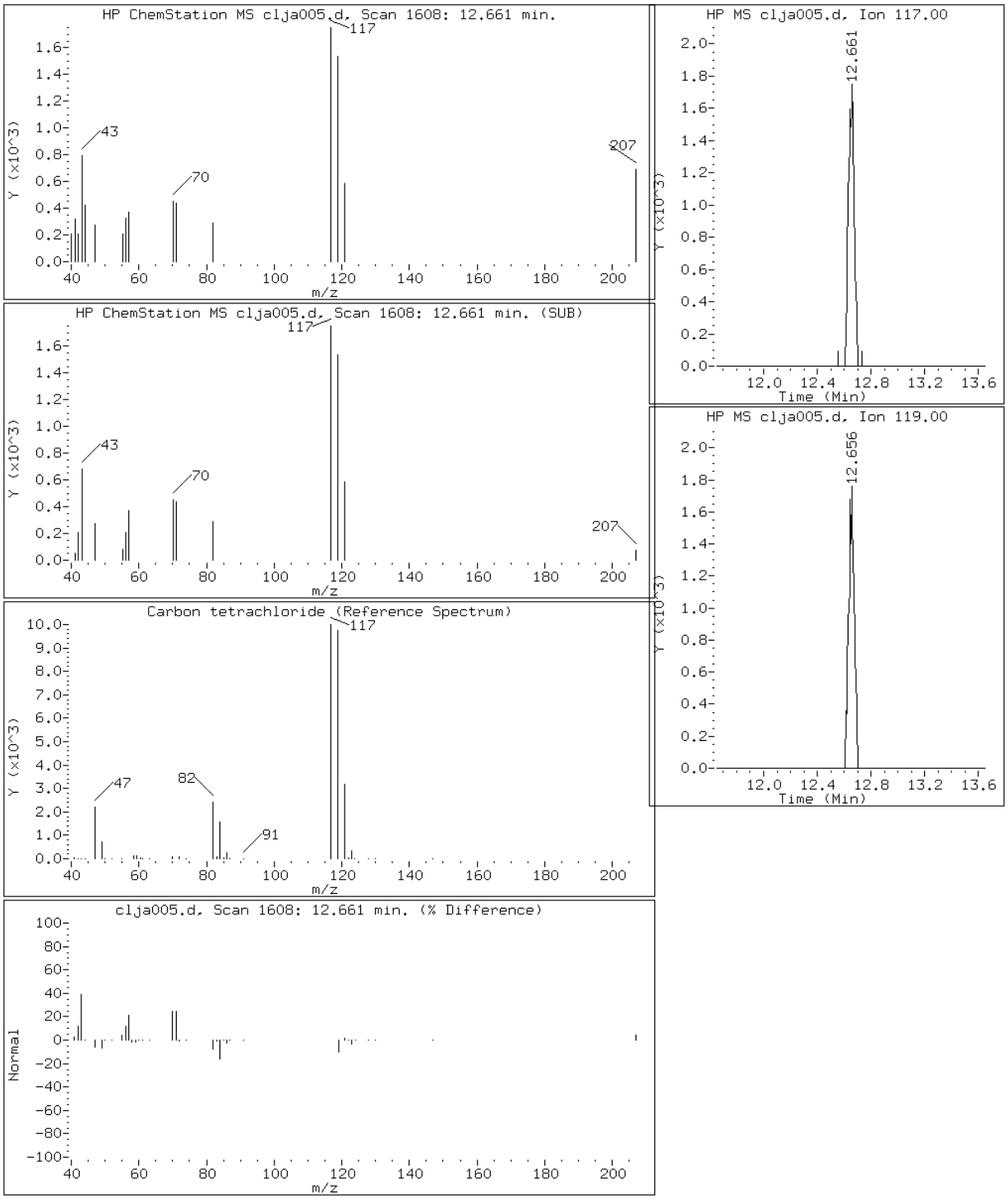
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

42 Carbon tetrachloride



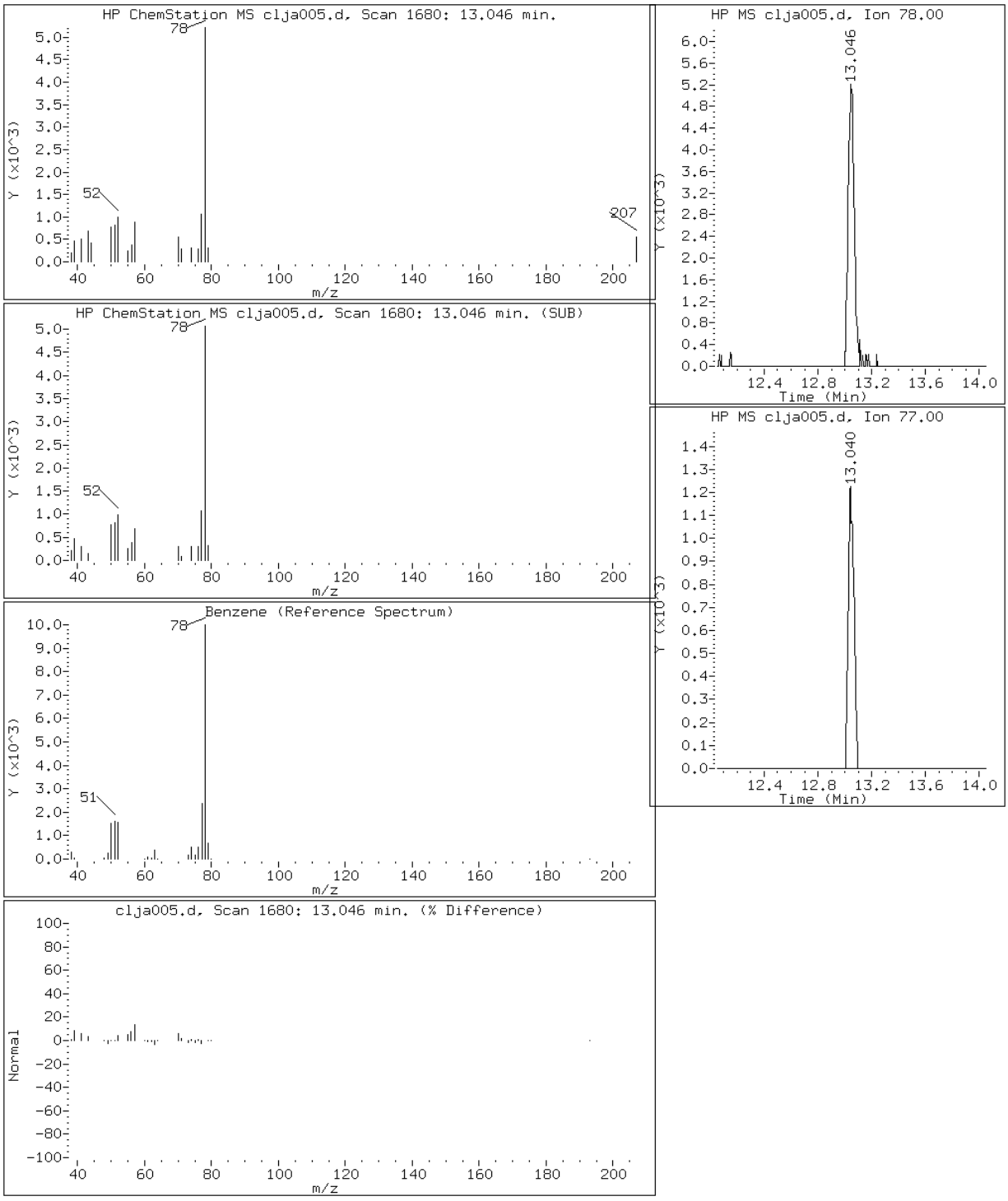
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

44 Benzene



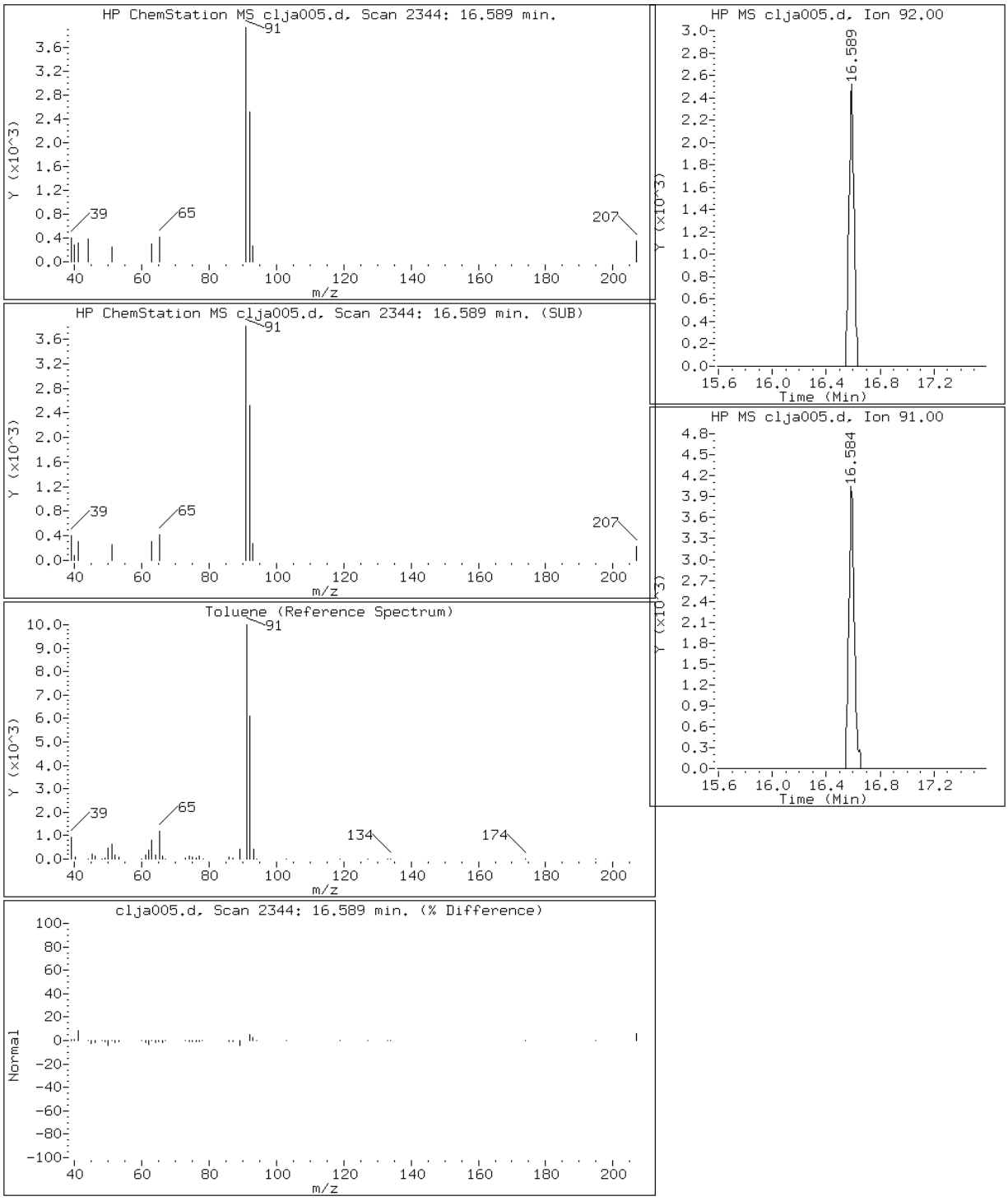
Data File: clja005.d

Lab Sample ID: 280-39218-9 Date: 22-MAR-2013 17:48

Client ID: 774776OA1IA Instrument: C.i

Sample Info: 280-39218-A-9 Operator: wrd

58 Toluene



Manual Integration Report

Data File: clja005.d
Lab Sample ID: 280-39218-9
Inj. Date and Time: 22-MAR-2013 17:48
Instrument ID: C.i
Client ID: 774776OA1IA
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 03/24/2013

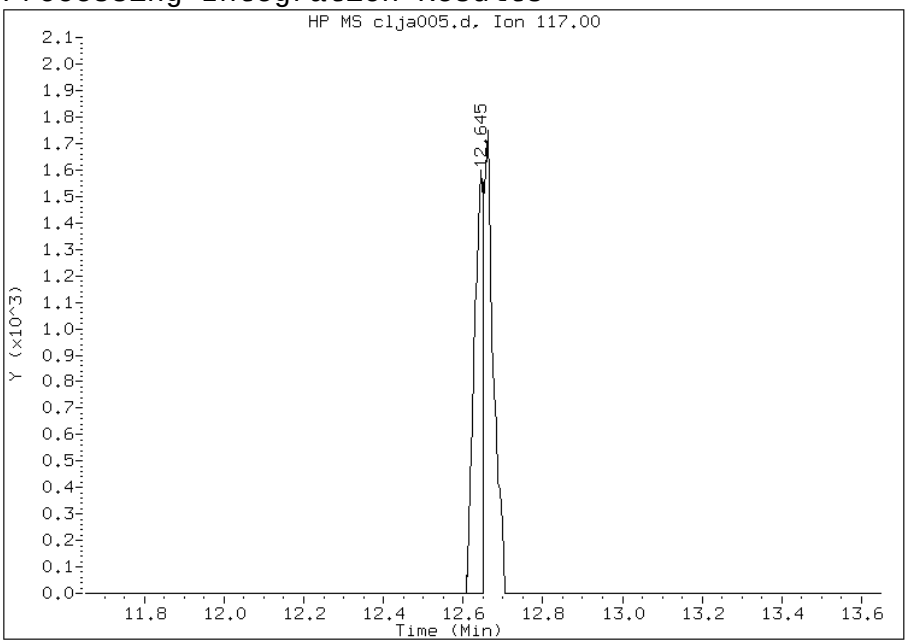
Processing Integration Results

RT: 12.65

Response: 2580

Amount: 0.036922

Conc: 0.036922



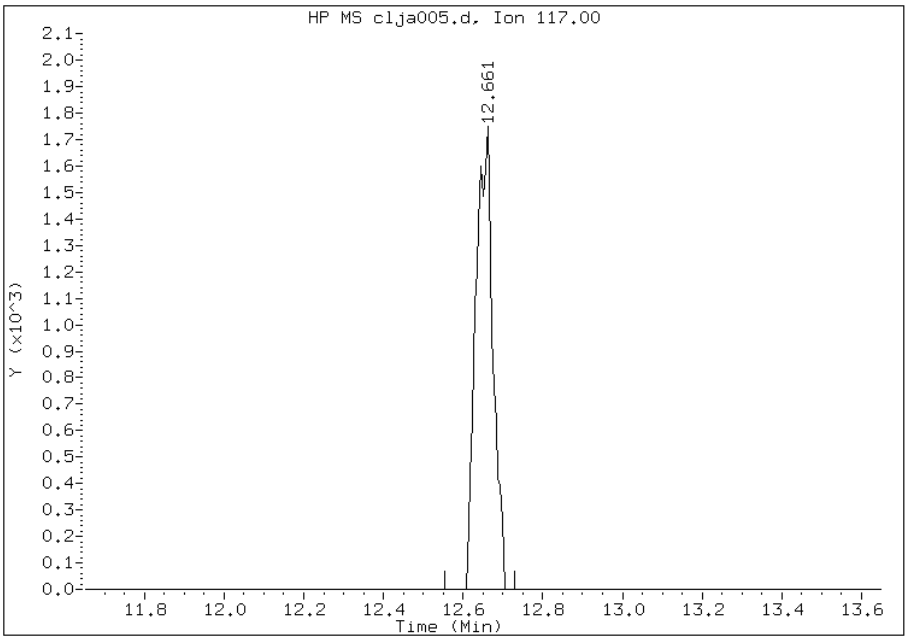
Manual Integration Results

RT: 12.66

Response: 5242

Amount: 0.075018

Conc: 0.075018



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.: 280-39218-1

SDG No.:

Client Sample ID: 776IA1HA Lab Sample ID: 280-39218-10

Matrix: Air Lab File ID: clja006.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:50

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.44	J	0.50	0.020
75-45-6	Freon 22	86.47	20		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.86		0.50	0.034
106-97-8	n-Butane	58.12	0.94		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.021
76-13-1	Freon TF	187.38	0.083	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	12		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	18		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.34	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.15	J	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.73		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.066	J	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.070	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.45		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776IA1HA Lab Sample ID: 280-39218-10

Matrix: Air Lab File ID: clja006.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:50

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.035	J	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.26	J	0.50	0.034
108-88-3	Toluene	92.14	1.1		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.056	J M	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.067	J	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.053	J	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.053	J	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776IA1HA Lab Sample ID: 280-39218-10

Matrix: Air Lab File ID: clja006.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:50

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U Q	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U Q	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776IA1HA Lab Sample ID: 280-39218-10

Matrix: Air Lab File ID: clja006.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:50

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.099
75-45-6	Freon 22	86.47	69		1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.8		1.0	0.070
106-97-8	n-Butane	58.12	2.2		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	0.63	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	28		12	0.95
67-63-0	Isopropyl alcohol	60.10	43		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.2	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.54	J	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	2.1		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.23	J	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.44	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	1.4		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776IA1HA Lab Sample ID: 280-39218-10

Matrix: Air Lab File ID: clja006.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:50

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.14	J	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	1.1	J	2.0	0.14
108-88-3	Toluene	92.14	4.3		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.38	J M	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.29	J	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.23	J	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.23	J	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: 776IA1HA Lab Sample ID: 280-39218-10

Matrix: Air Lab File ID: clja006.d

Analysis Method: TO-15 Date Collected: 02/21/2013 08:50

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U Q	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U Q	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39218-10
Client Smp ID: 776IA1HA
Inj Date : 22-MAR-2013 18:41
Operator : wrd Inst ID: C.i
Smp Info : 280-39218-A-10
Misc Info : 200,1, all74
Comment :
Method : /chem/C.i/Csvr.p/cljato15.b/to15v5.m
Meth Date : 24-Mar-2013 11:57 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 09:43 Cal File: clj012.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	4.283	4.283	(0.358)	27809	0.43952	0.44(a)
3 Chlorodifluoromethane	51	4.341	4.336	(0.363)	651258	19.5591	20
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.779	4.774	(0.400)	17470	0.86283	0.86
6 Butane	43	5.040	5.035	(0.422)	31704	0.93560	0.94
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.780	6.775	(0.567)	14908	0.25180	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	3644	0.08269	0.083(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.152	8.152	(0.682)	225365	11.7152	12
21 Carbon disulfide	76	Compound Not Detected.					

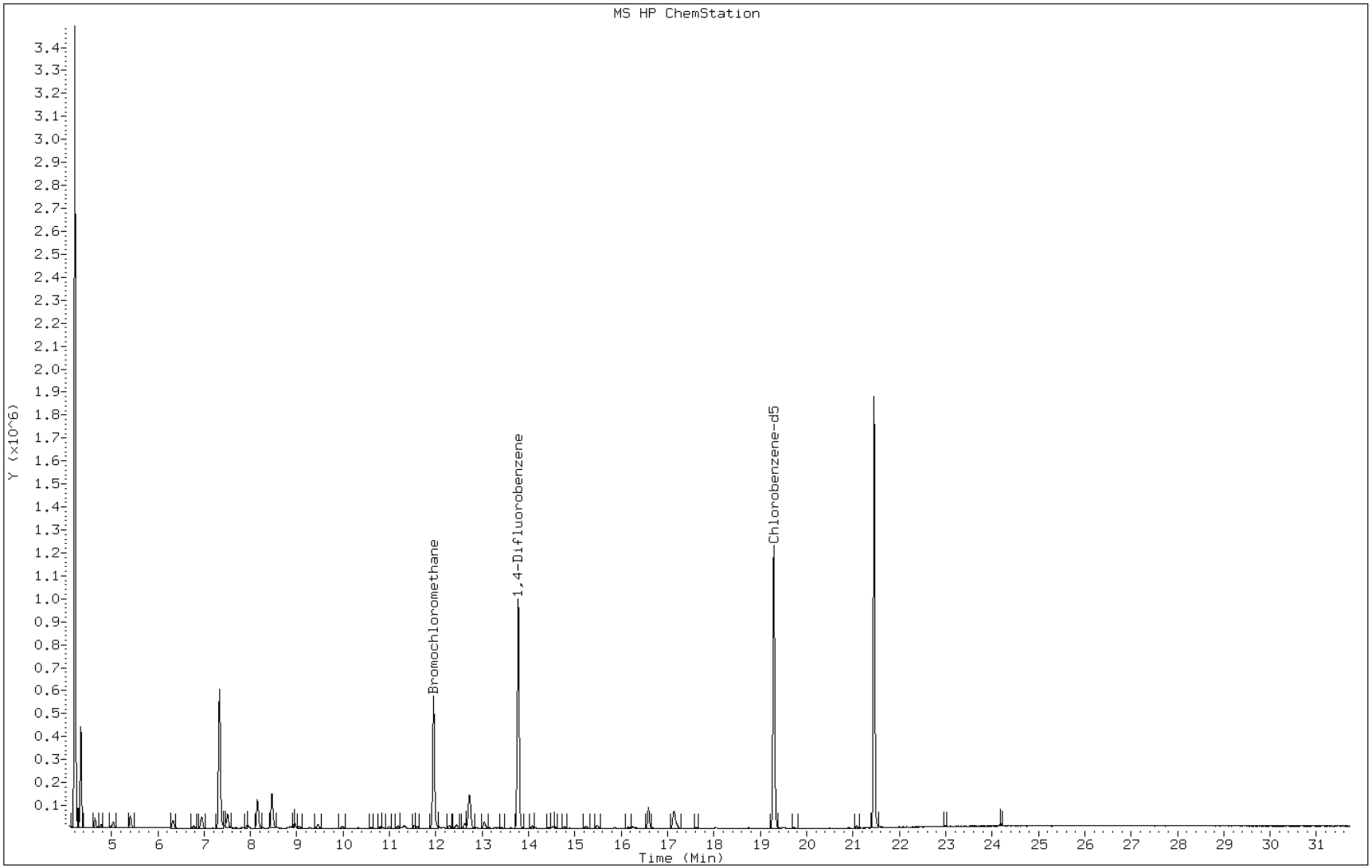
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.467	8.456	(0.708)	304877	17.5176	18
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.048	9.048	(0.757)	7213	0.33814	0.34(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.998	9.993	(0.837)	5340	0.15336	0.15(aQ)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	11.535	11.525	(0.965)	6176	0.72512	0.73(Q)
*	37 Bromochloromethane	128	11.952	11.952	(1.000)	252597	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	12.421	12.421	(0.902)	2245	0.06647	0.066(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	12.656	12.651	(0.919)	4165	0.07033	0.070(a)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	13.046	13.051	(0.947)	32659	0.44578	0.45
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	13.414	13.419	(0.974)	1389	0.03500	0.035(aQ)
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1278716	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	16.259	16.248	(1.180)	8890	0.26213	0.26(a)
	58 Toluene	92	16.584	16.589	(0.859)	64729	1.14806	1.1
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	17.620	17.625	(0.913)	3163	0.05561	0.056(aM)
	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	19.295	19.295	(1.000)	1236089	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	19.493	19.503	(1.010)	7426	0.06727	0.067(a)
	69 Xylene (m,p)	106	19.738	19.744	(1.023)	2374	0.05293	0.053(aQ)
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.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clja006.d	Date:	22-MAR-2013 18:41
Client ID:	776IA1HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39218-A-10		
Lab Sample ID:	280-39218-10		



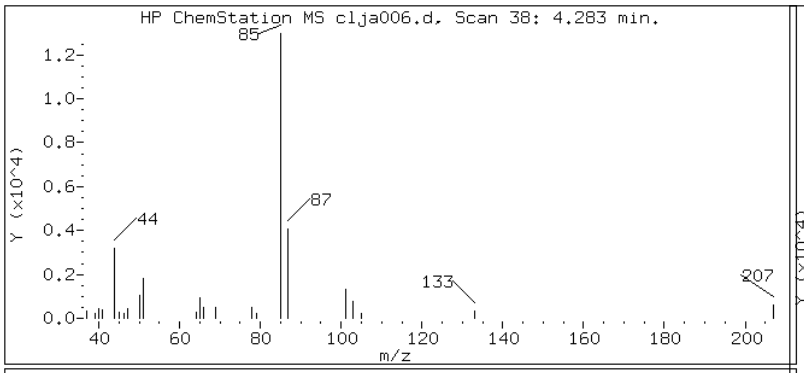
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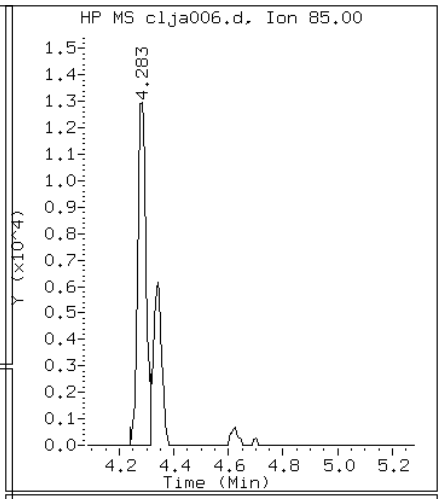
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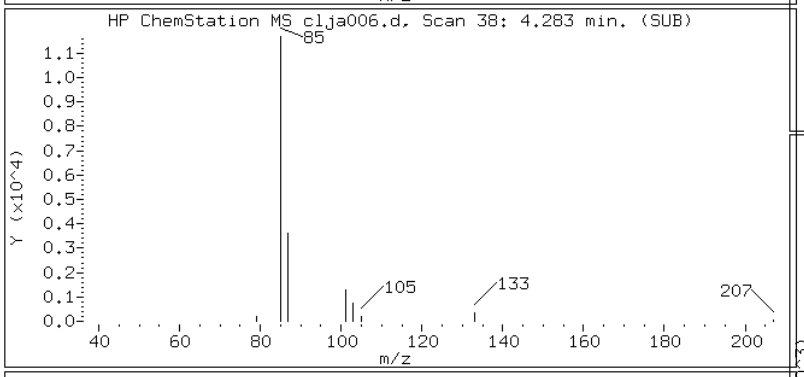
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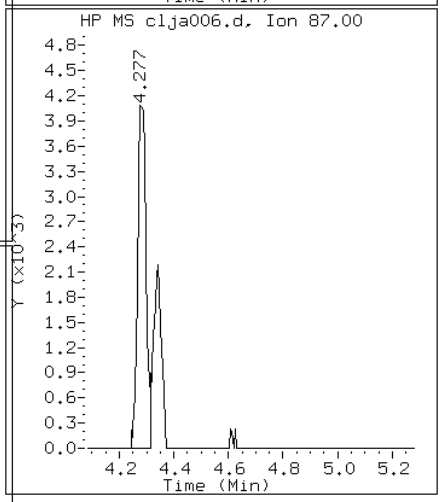
Sample Info: 280-39218-A-10 Operator: wrd

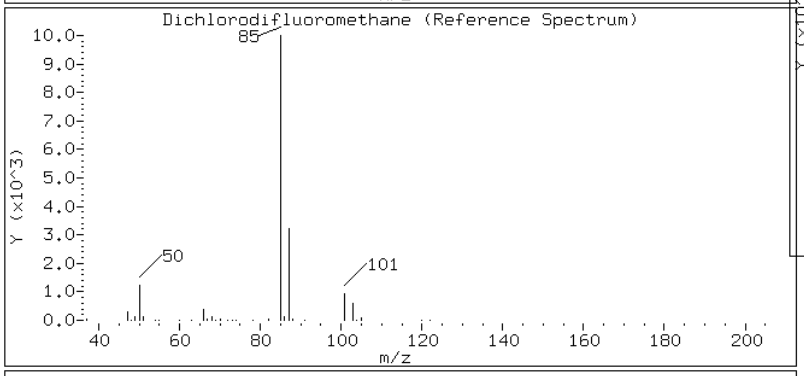
2 Dichlorodifluoromethane

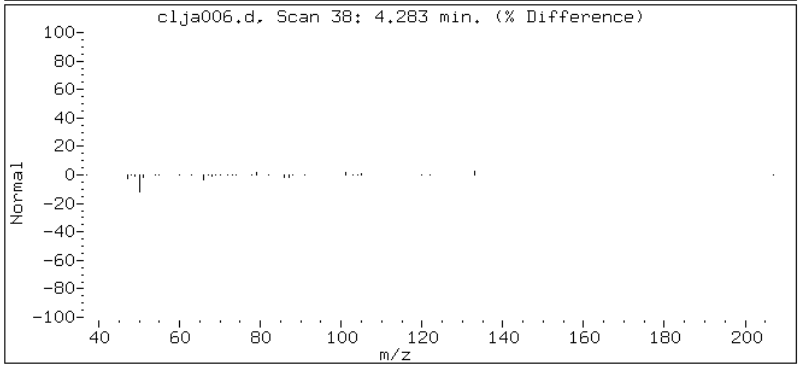












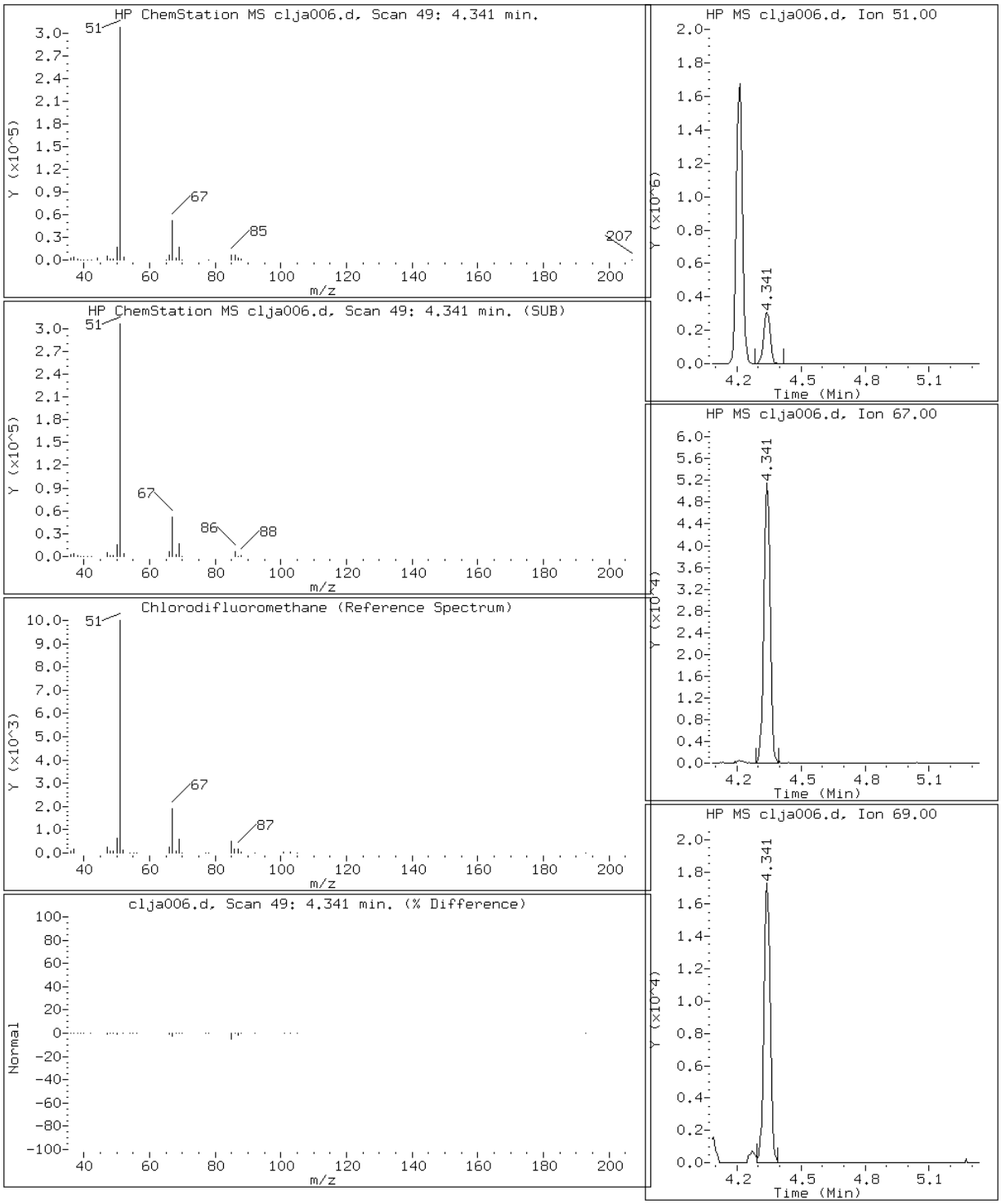
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

3 Chlorodifluoromethane



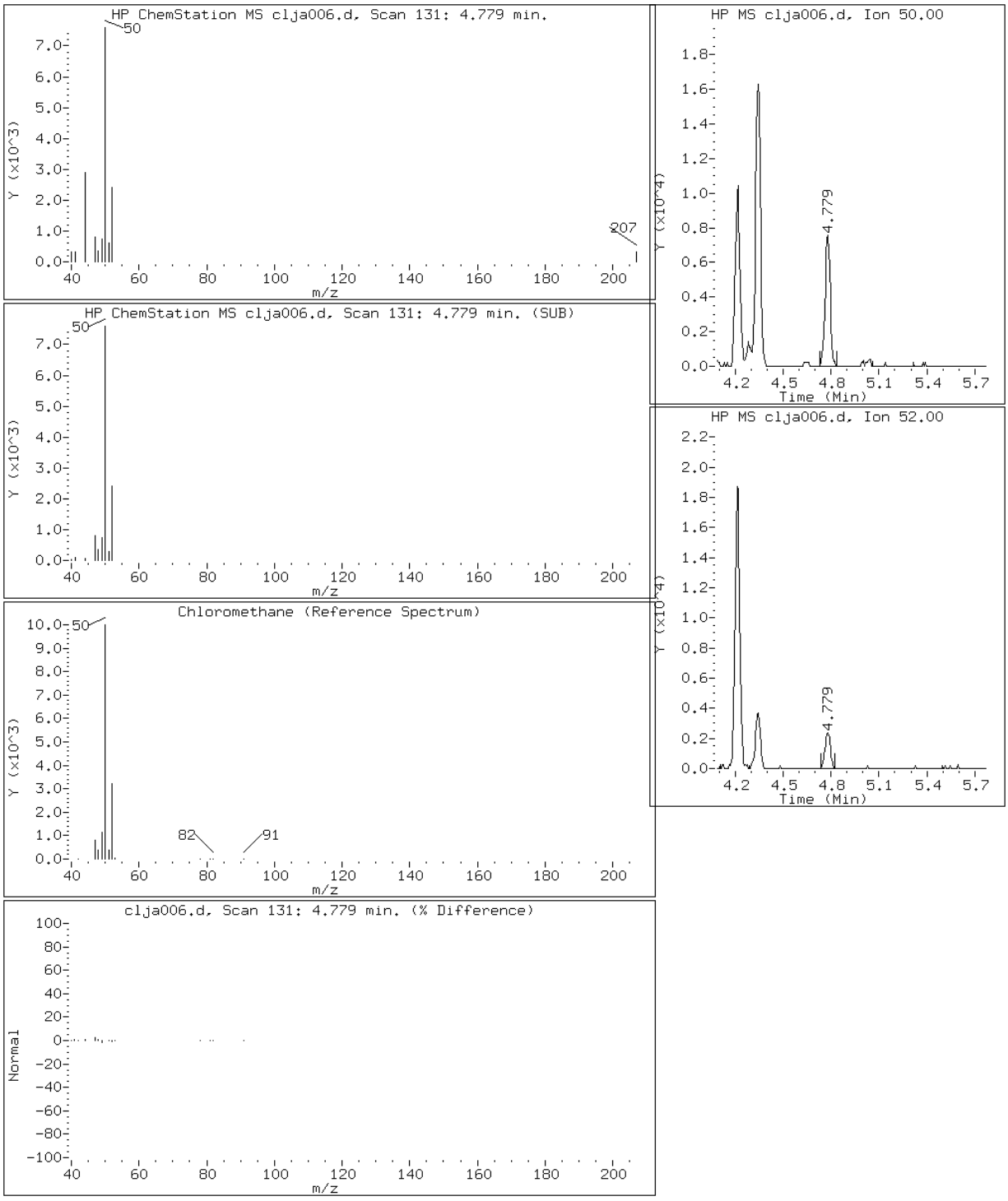
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

5 Chloromethane



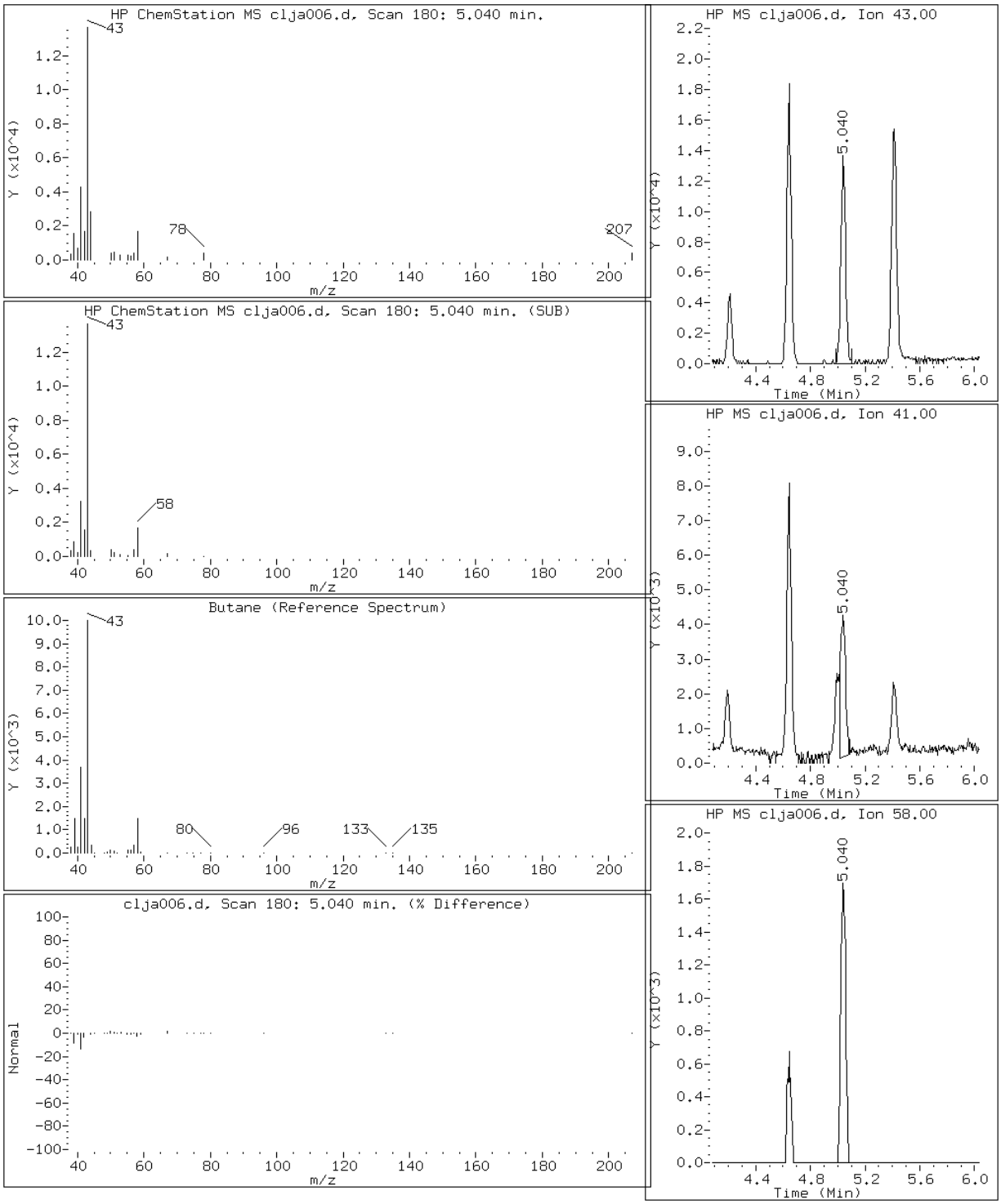
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Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

6 Butane



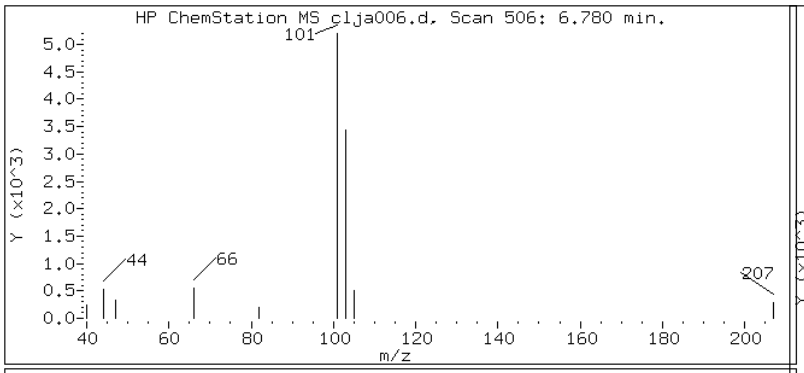
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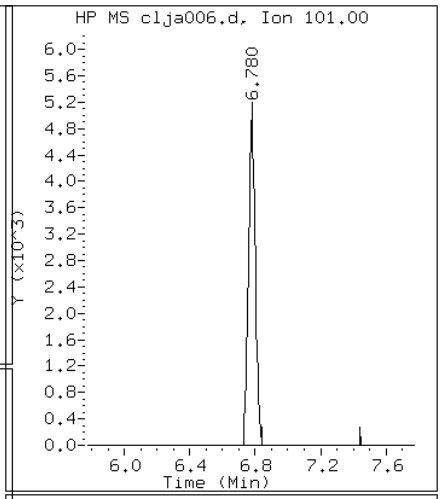
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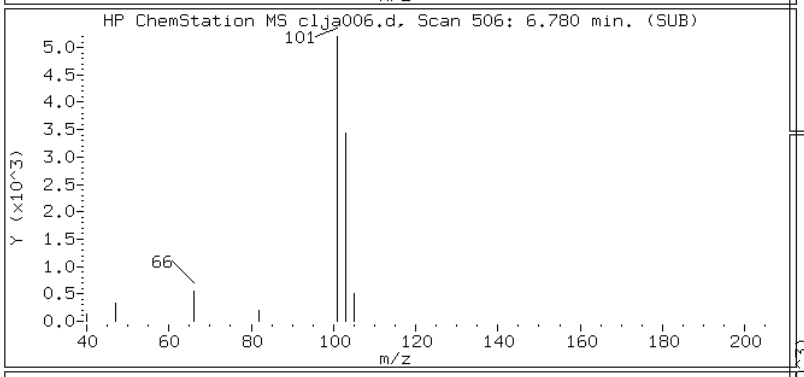
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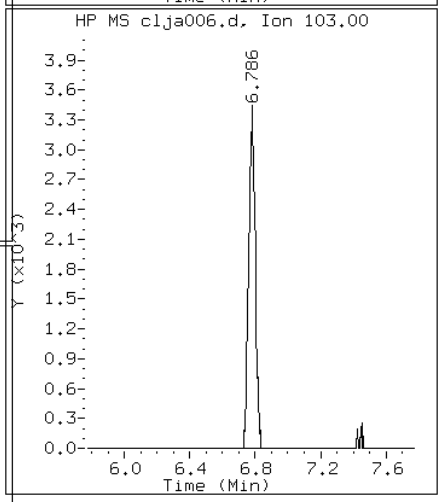
Sample Info: 280-39218-A-10 Operator: wrd

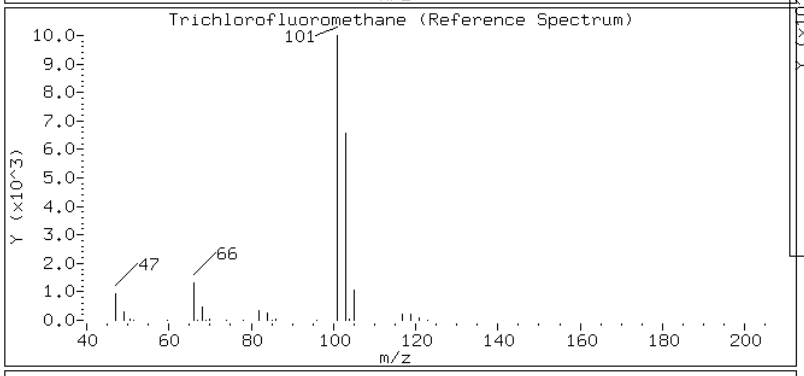
13 Trichlorofluoromethane

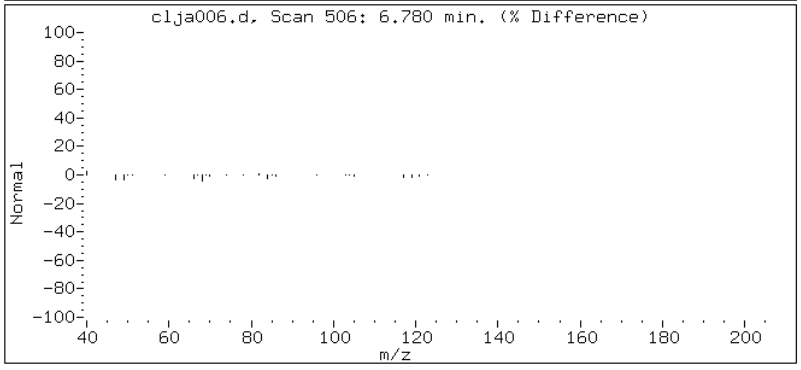












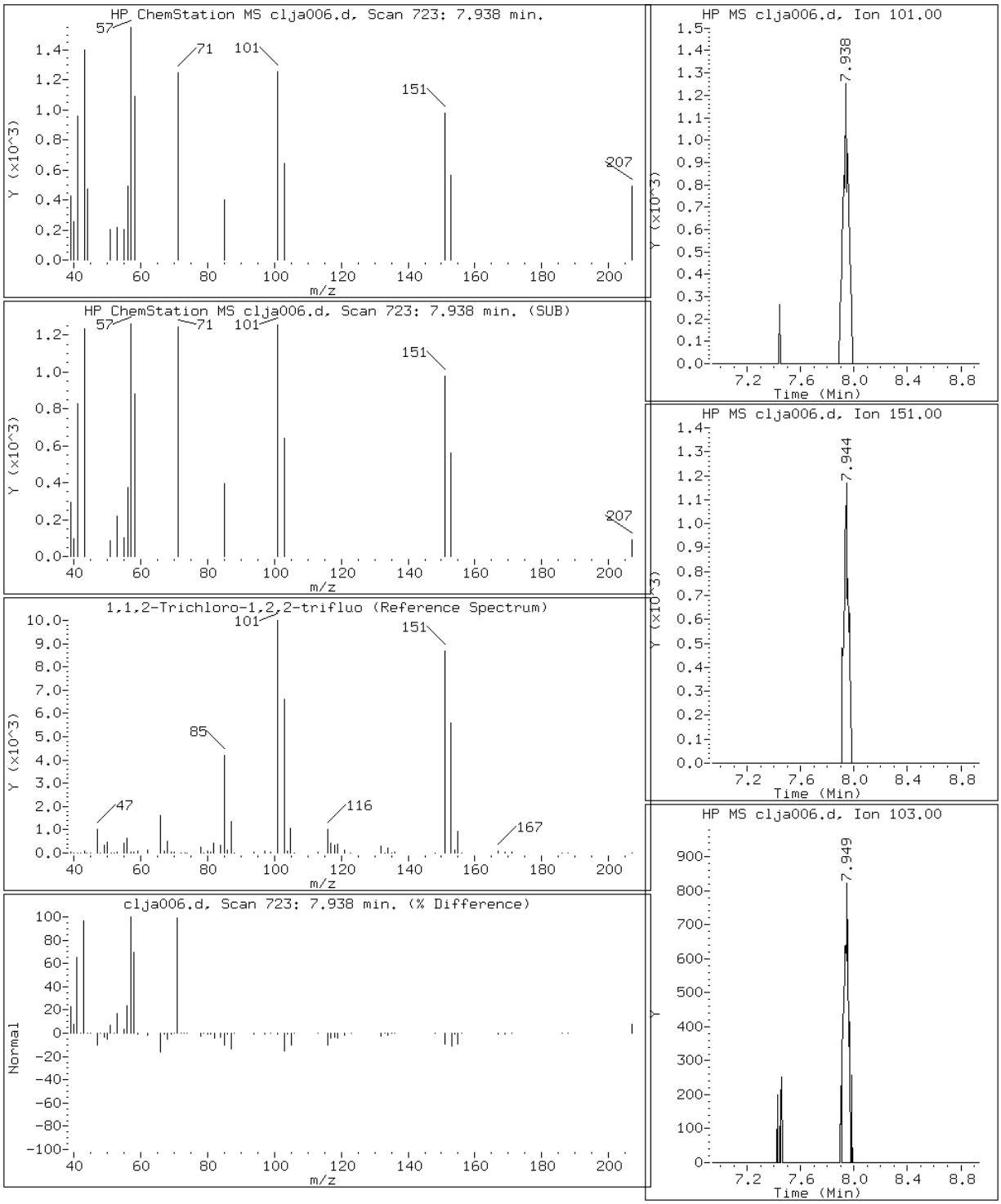
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



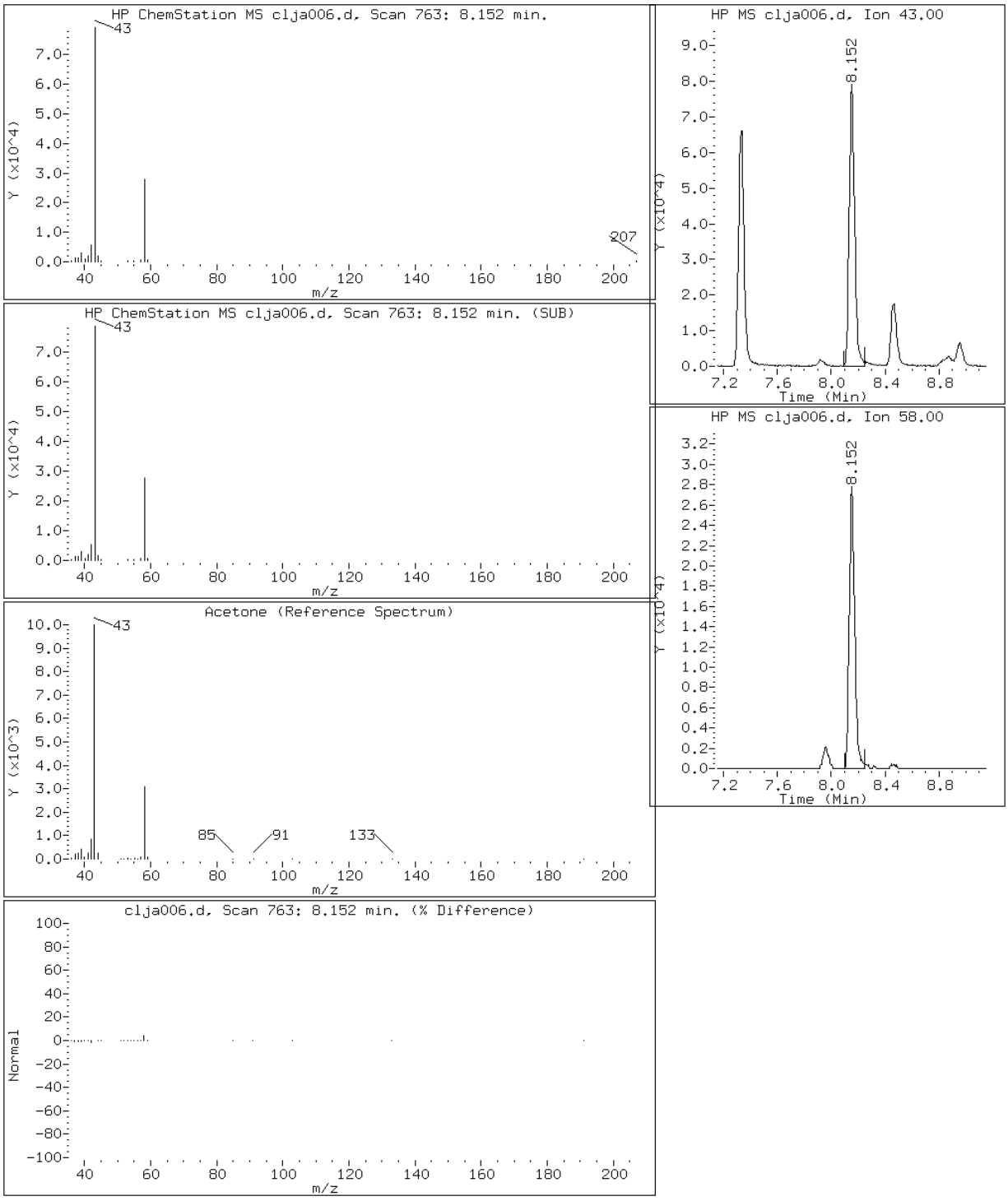
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

20 Acetone



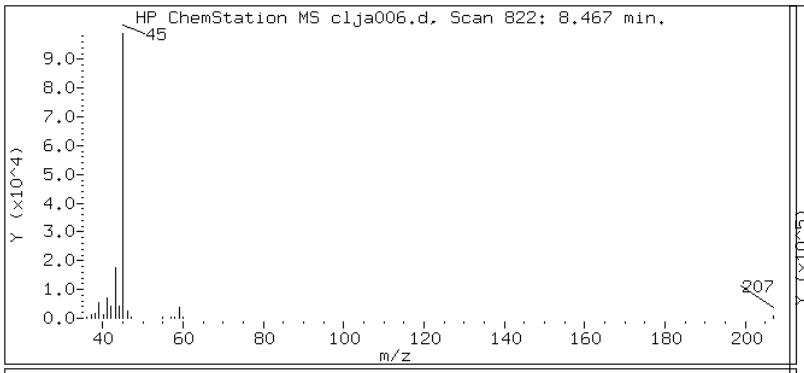
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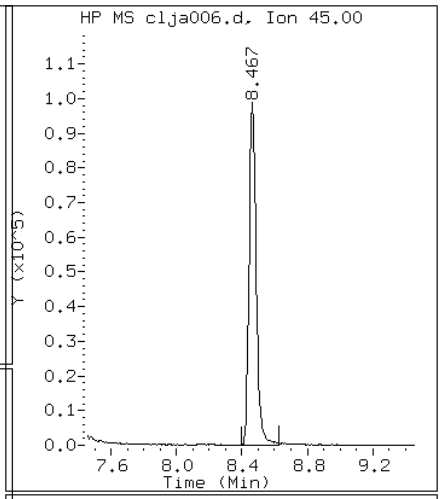
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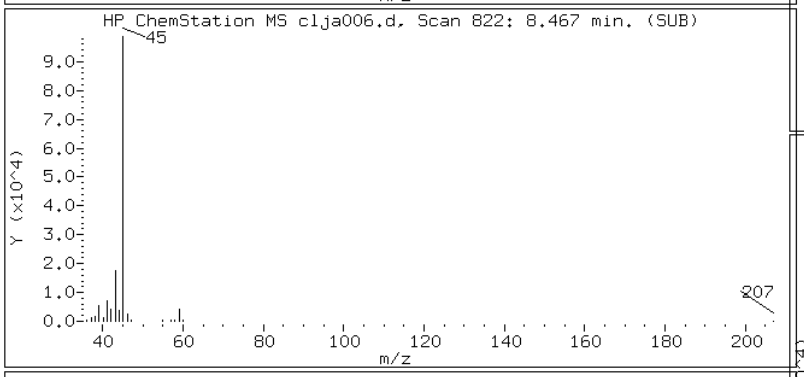
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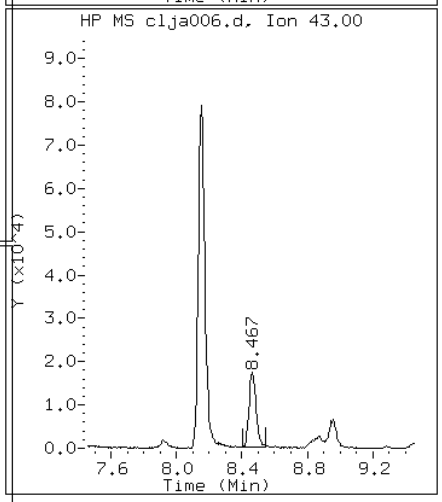
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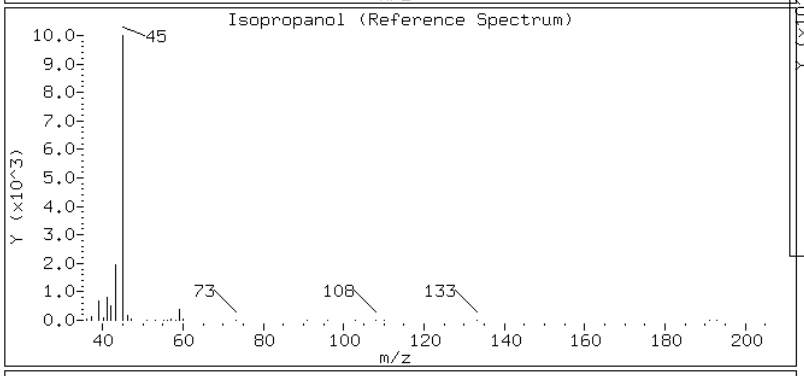
22 Isopropanol

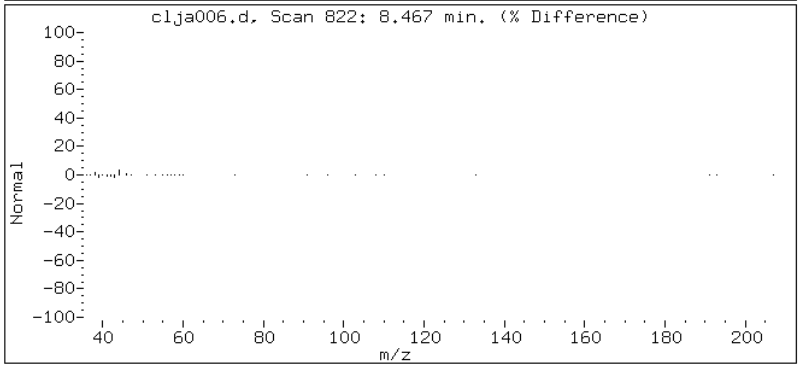












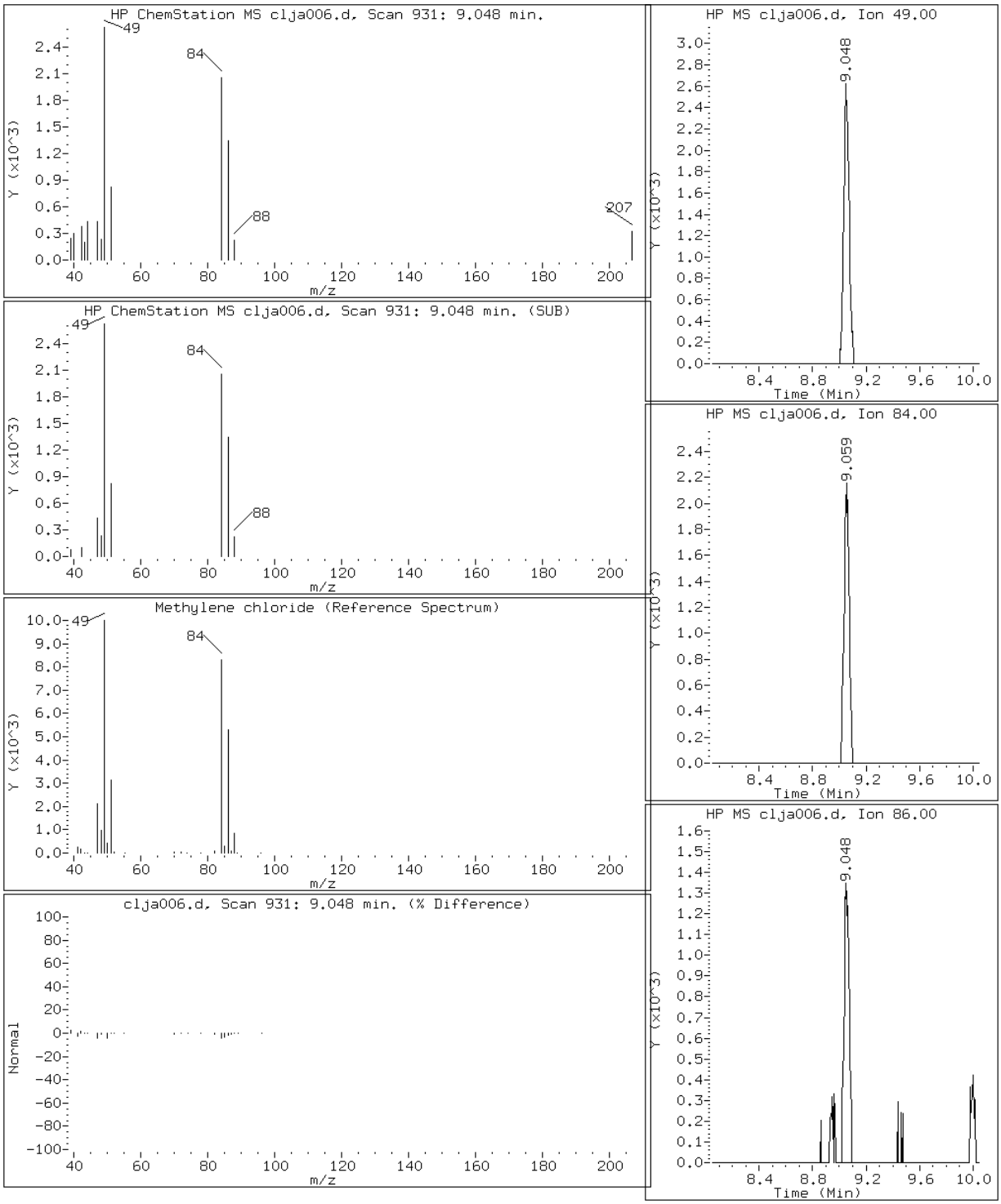
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

25 Methylene chloride



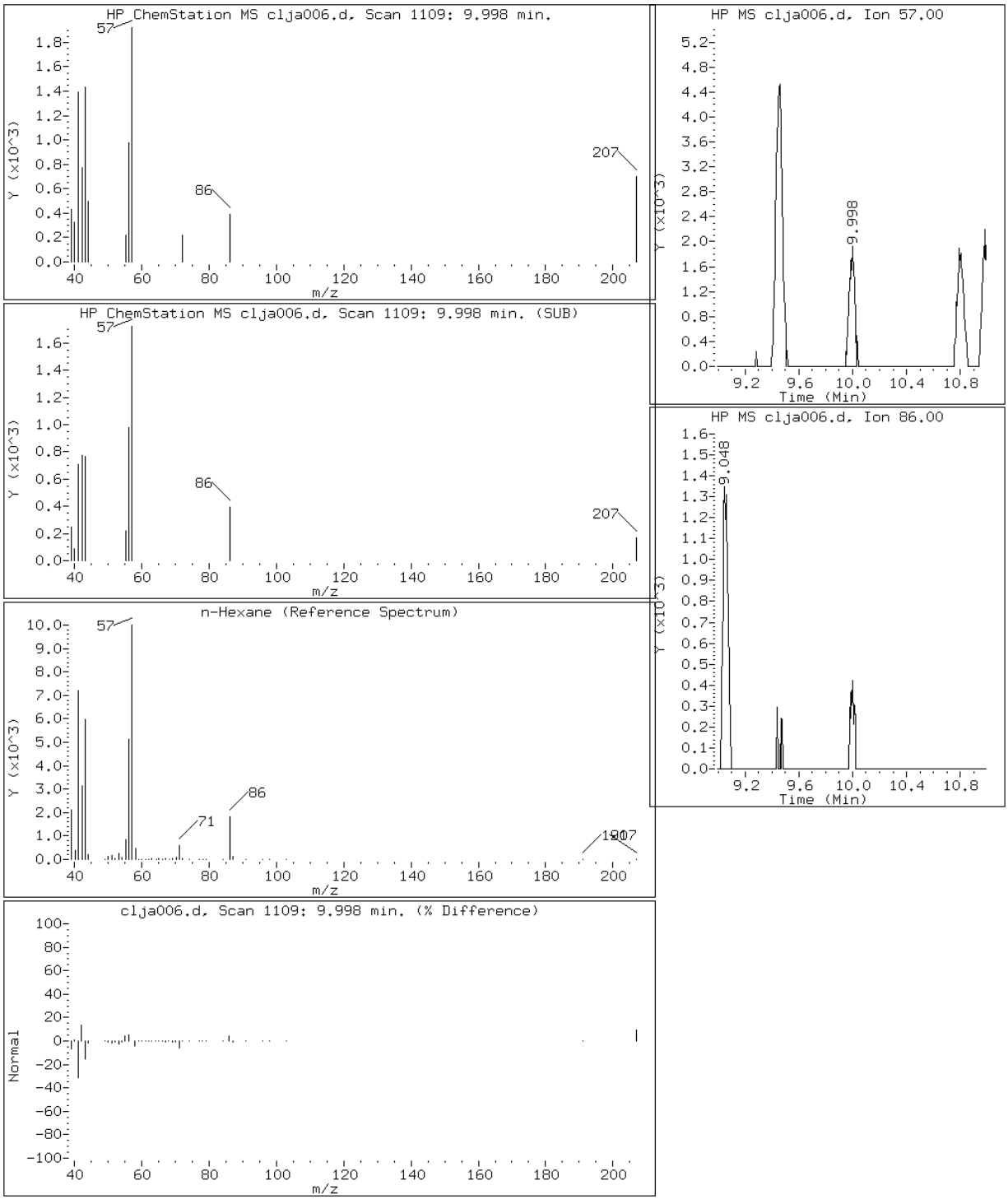
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

30 n-Hexane



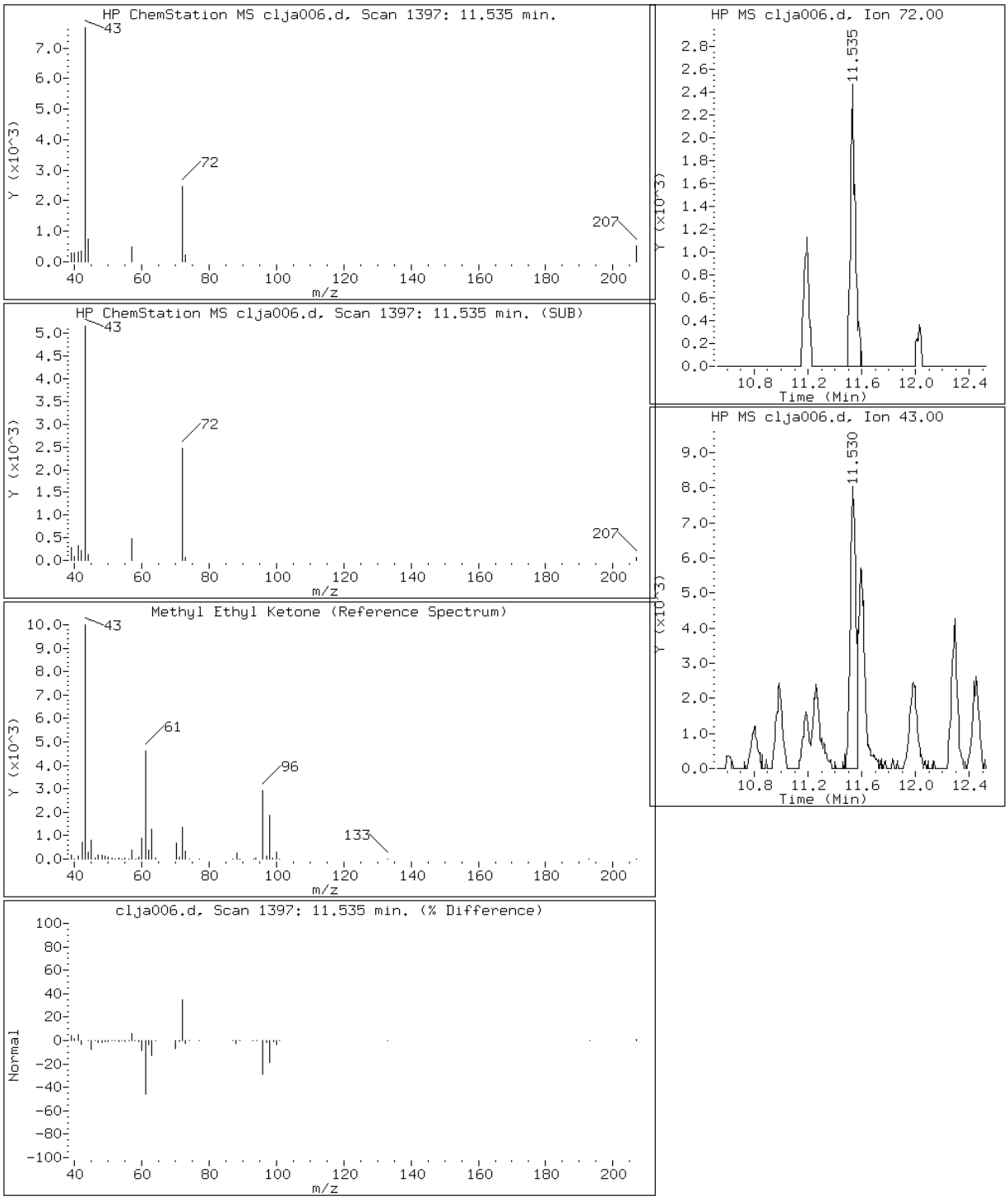
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

36 Methyl Ethyl Ketone



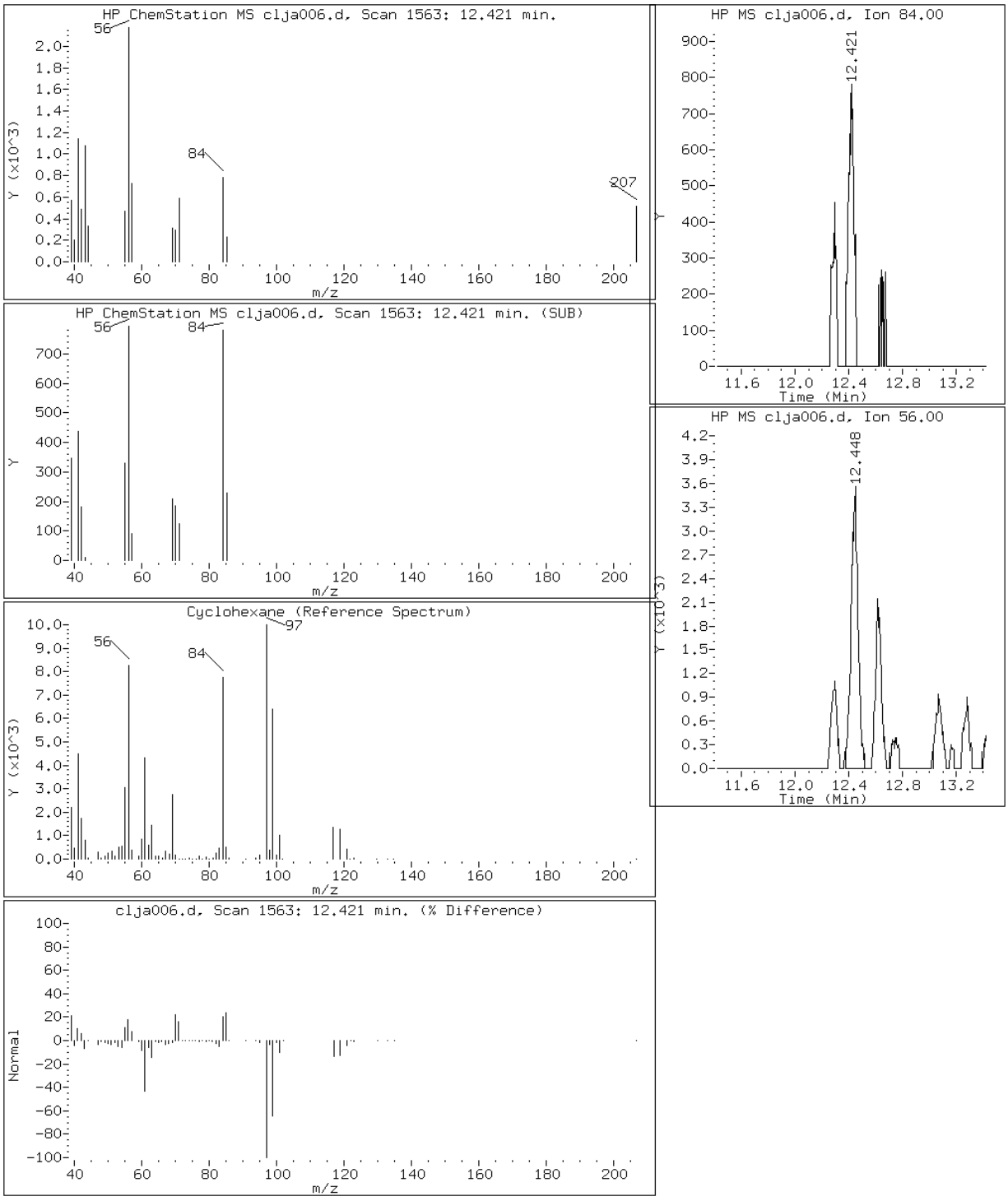
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Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

40 Cyclohexane



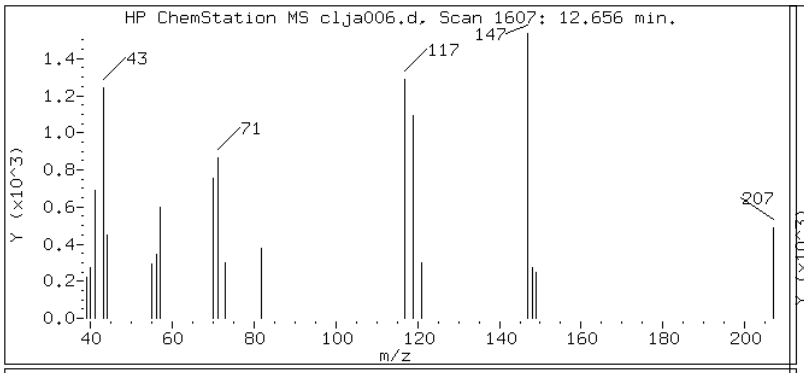
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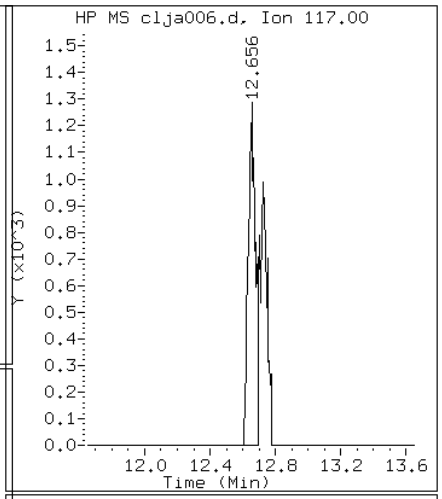
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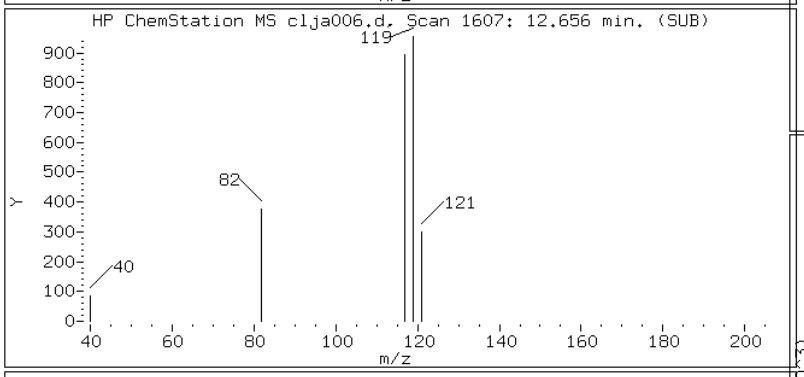
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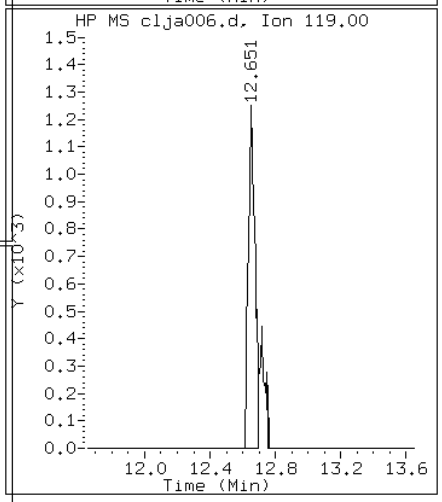
Sample Info: 280-39218-A-10 Operator: wrd

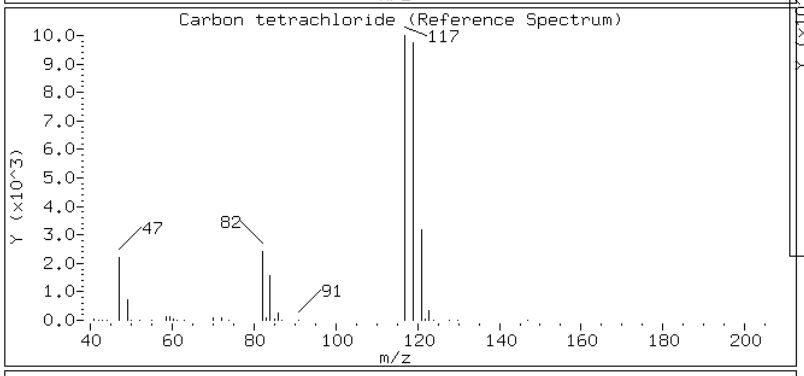
42 Carbon tetrachloride

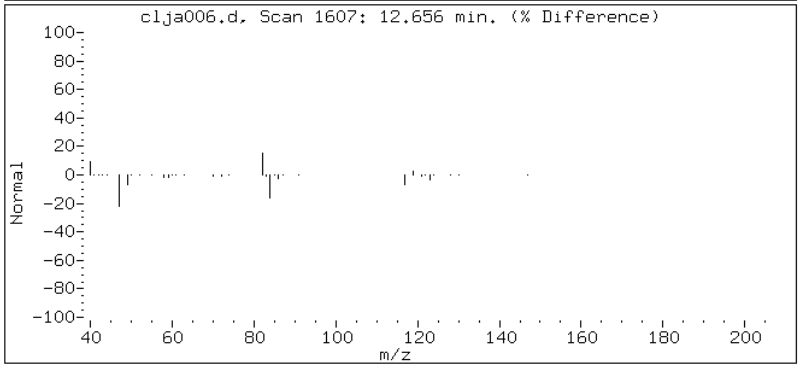












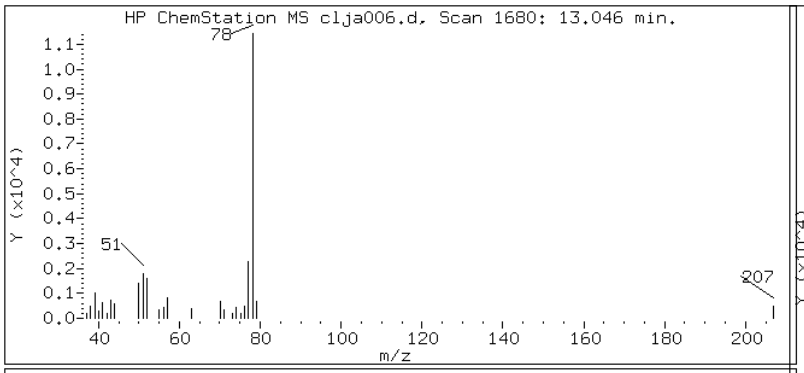
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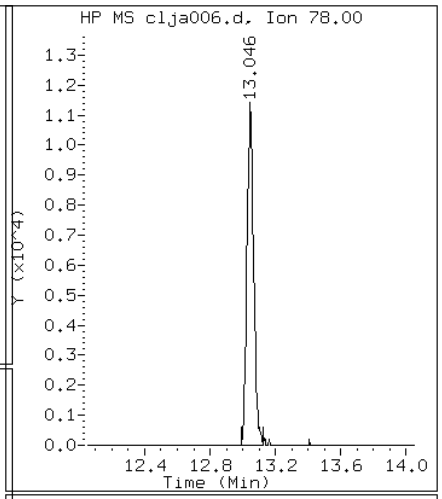
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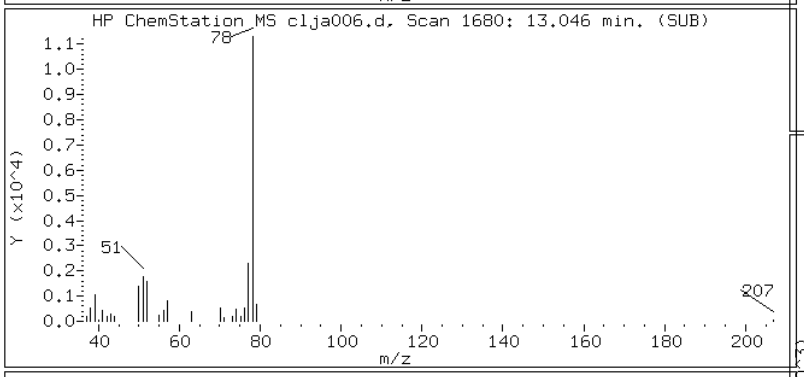
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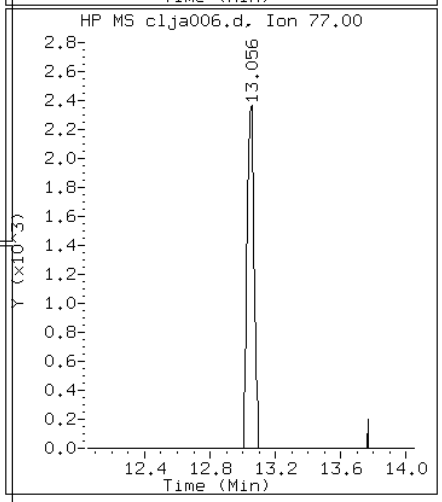
Sample Info: 280-39218-A-10 Operator: wrd

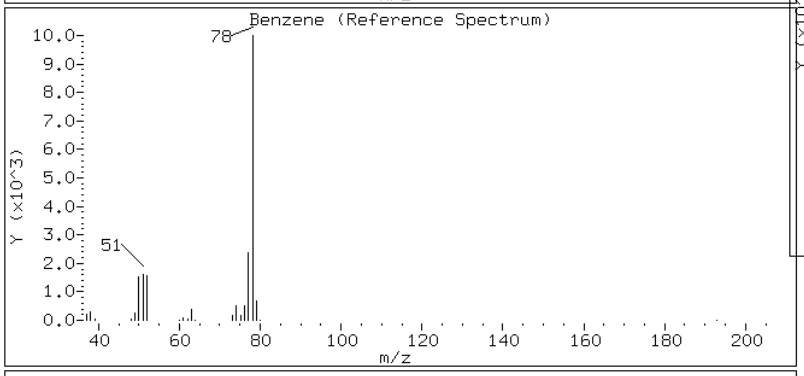
44 Benzene

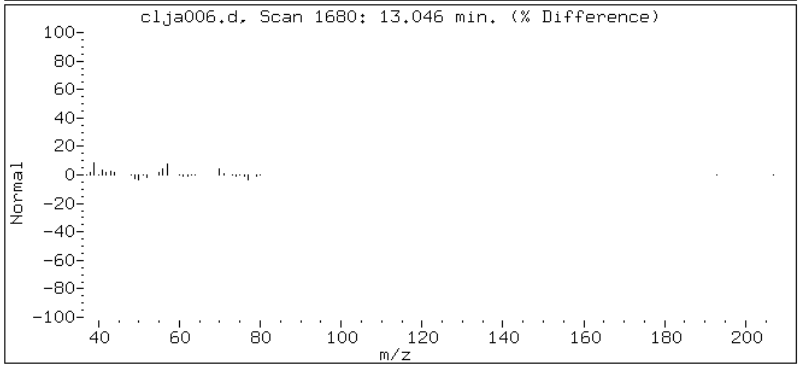












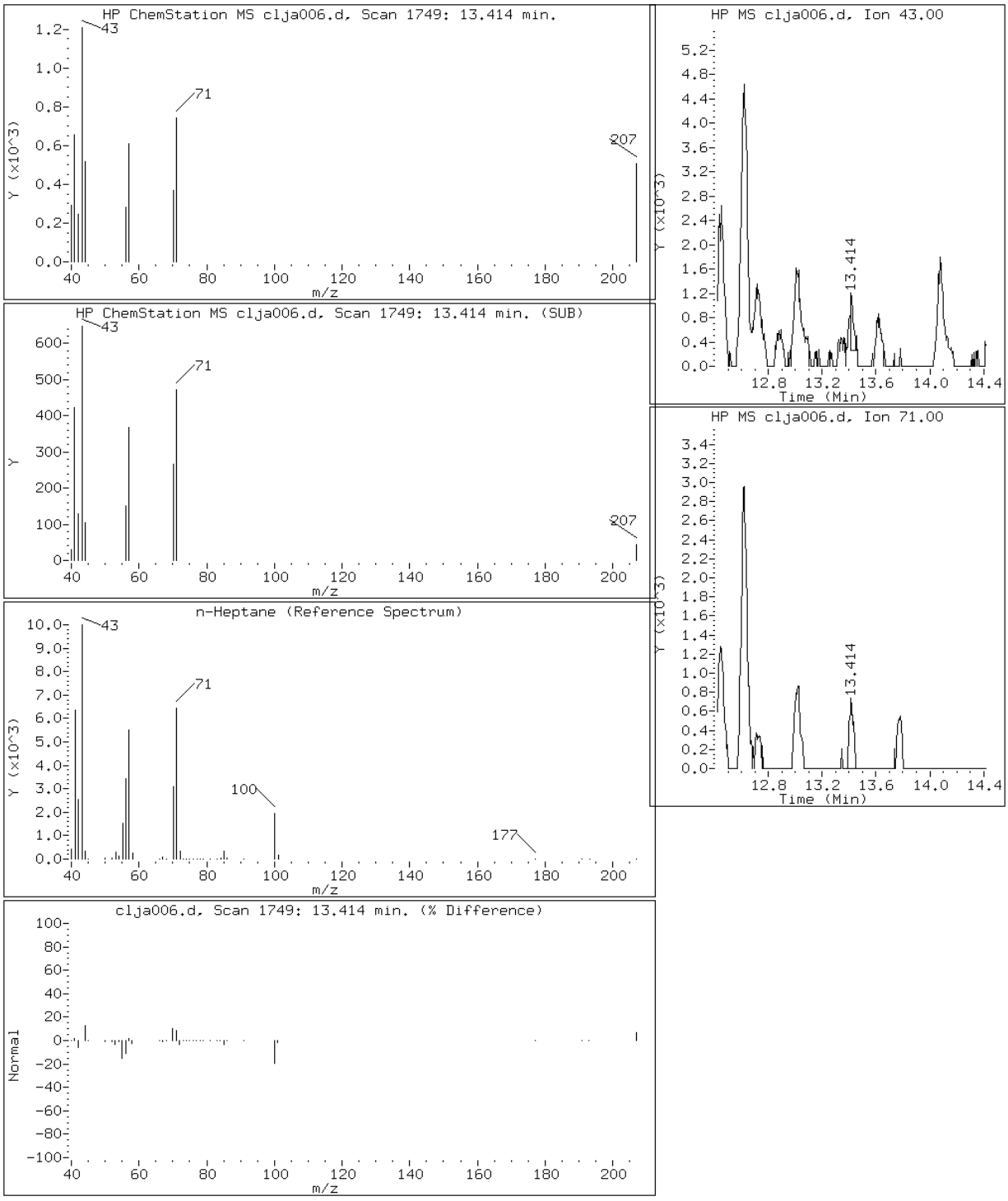
Data File: clja006.d

Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

46 n-Heptane



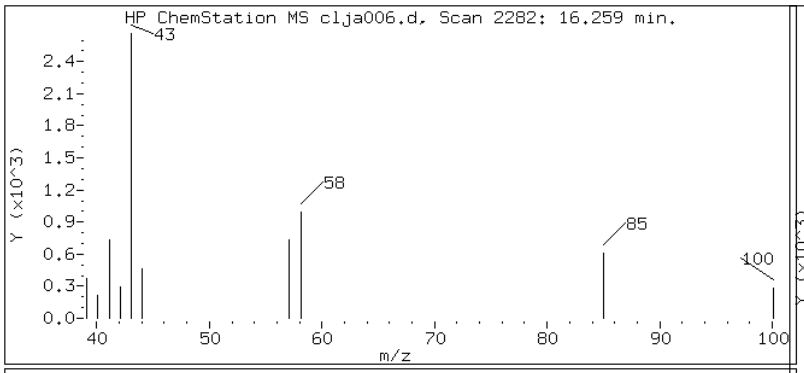
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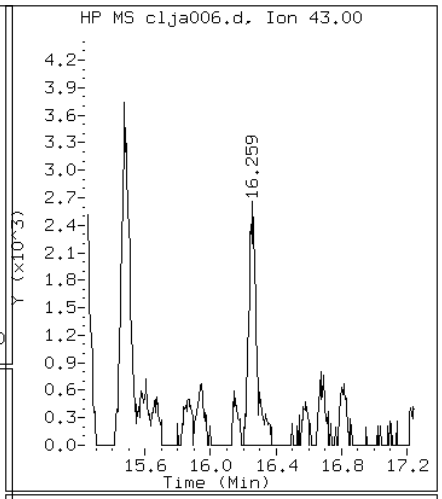
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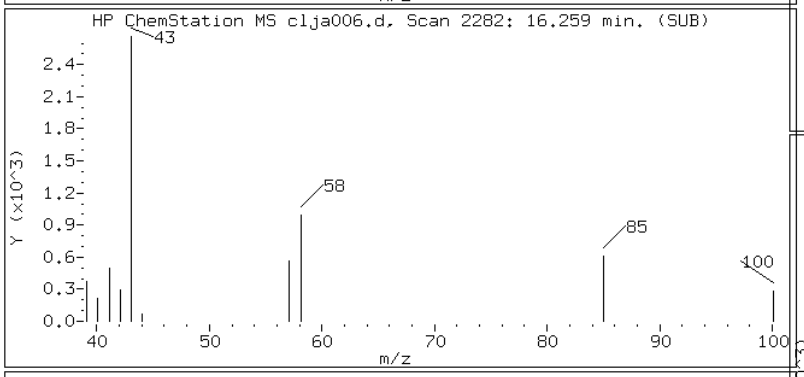
Client ID: 776IA1HA Instrument: C.i

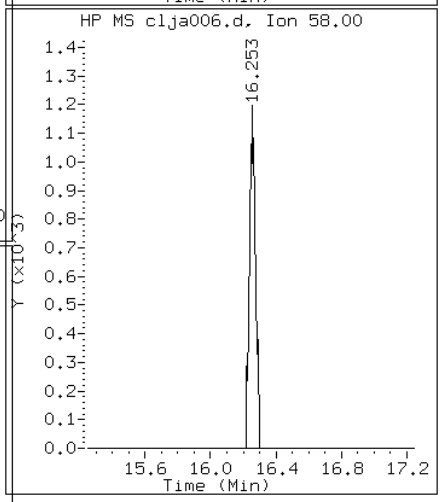
Sample Info: 280-39218-A-10 Operator: wrd

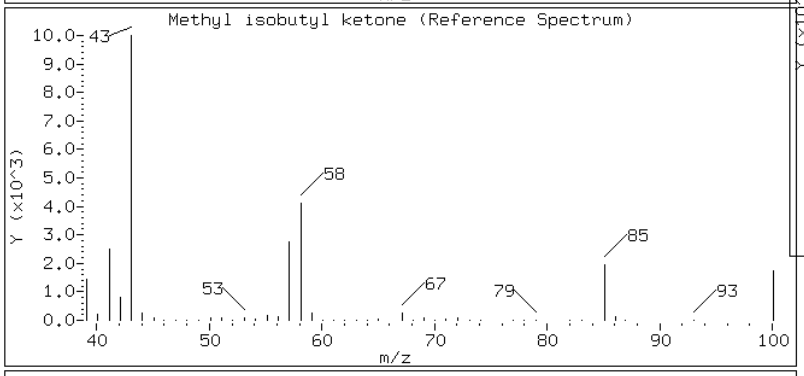
56 Methyl isobutyl ketone

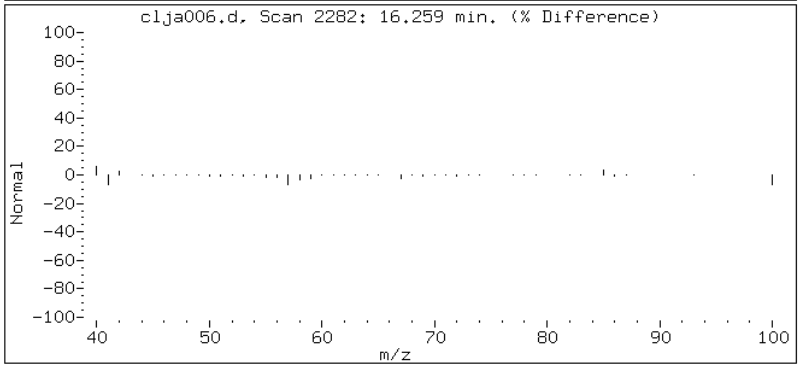












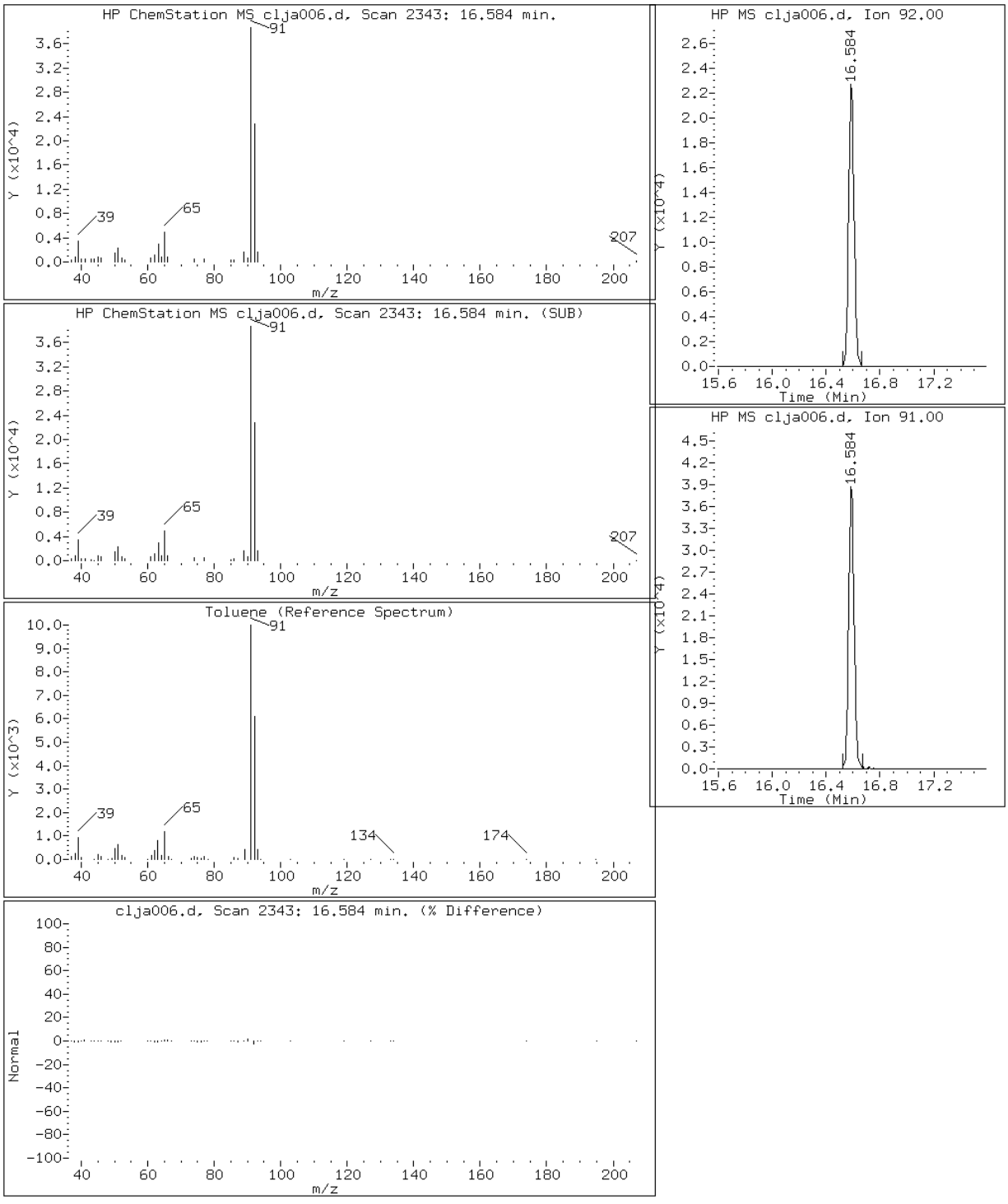
Data File: clja006.d

Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

58 Toluene



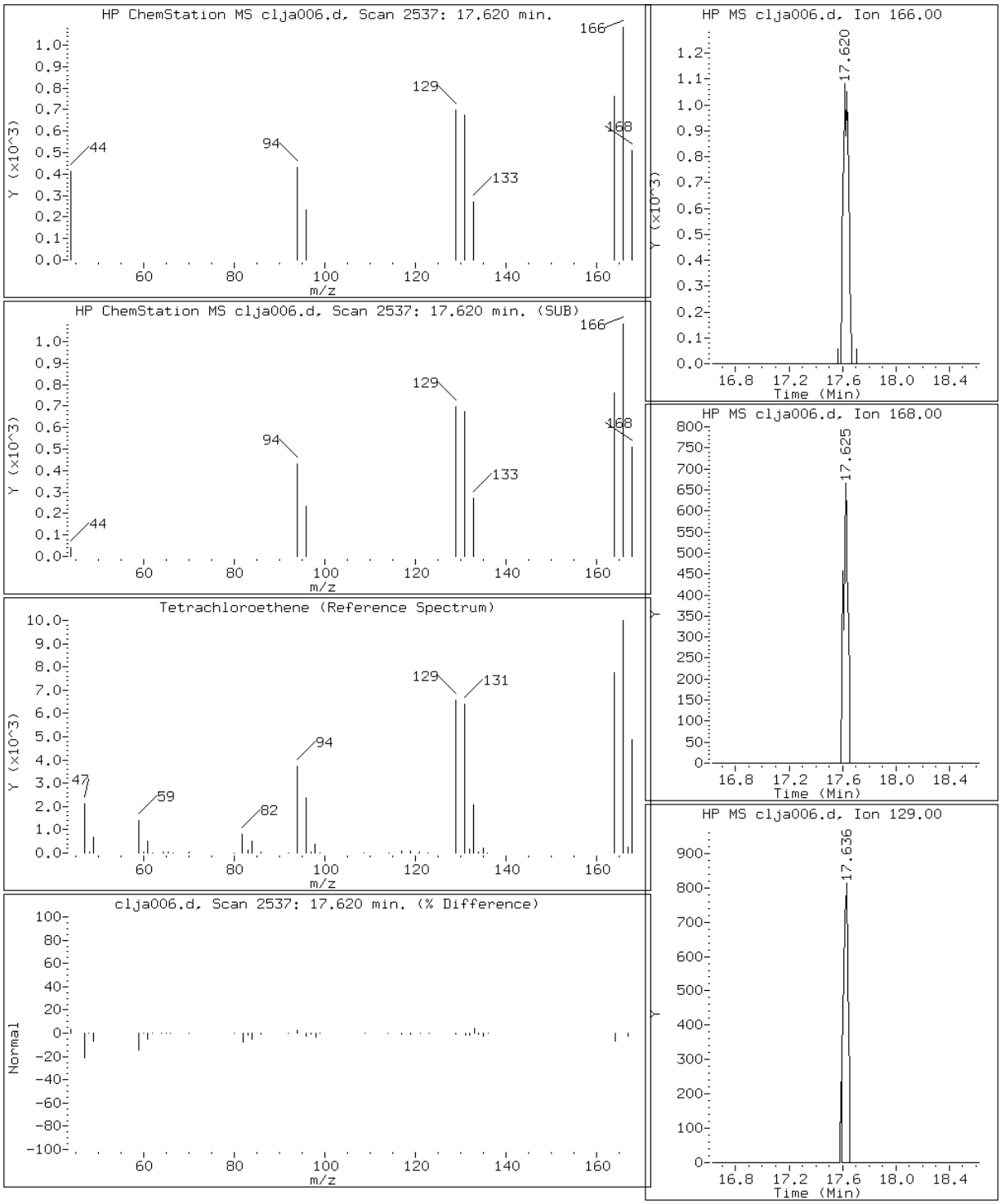
Data File: clja006.d

Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

61 Tetrachloroethene



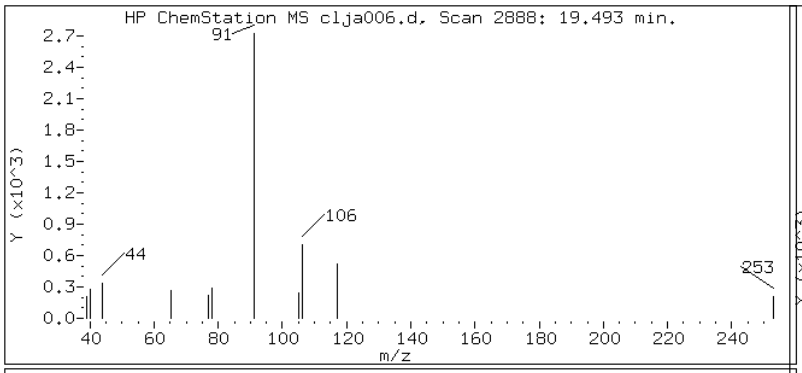
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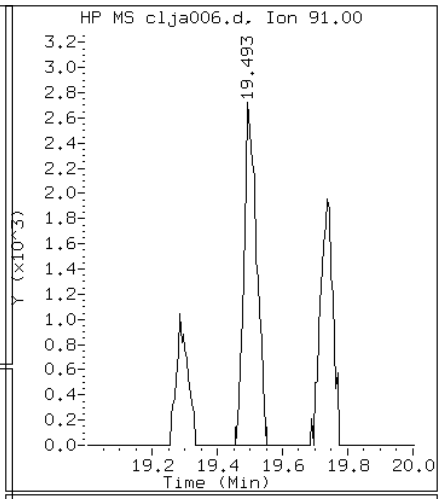
Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

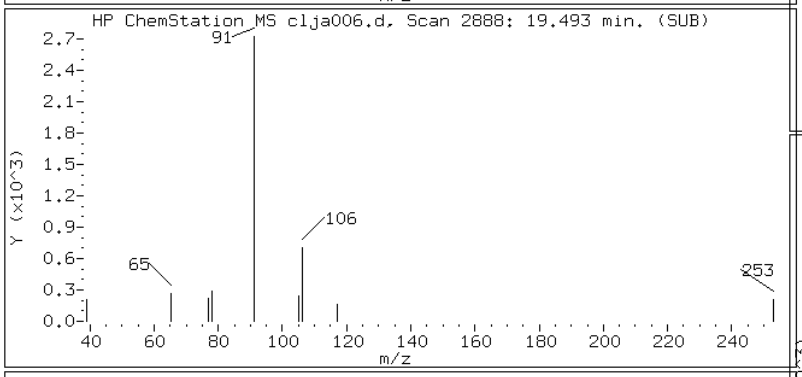
Client ID: 776IA1HA Instrument: C.i

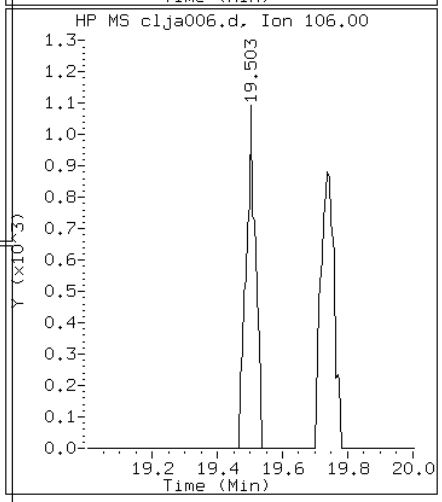
Sample Info: 280-39218-A-10 Operator: wrd

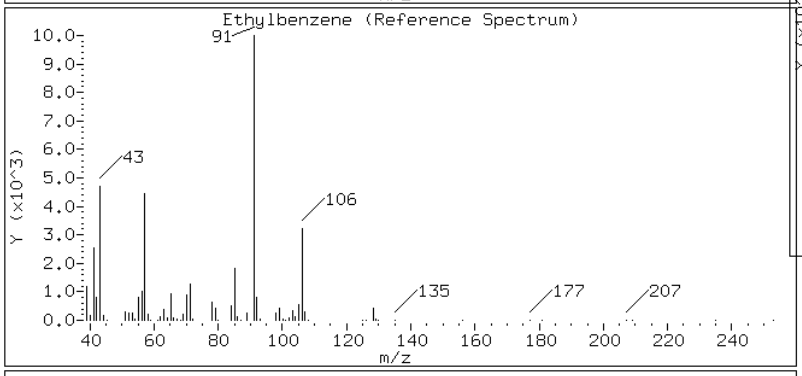
68 Ethylbenzene

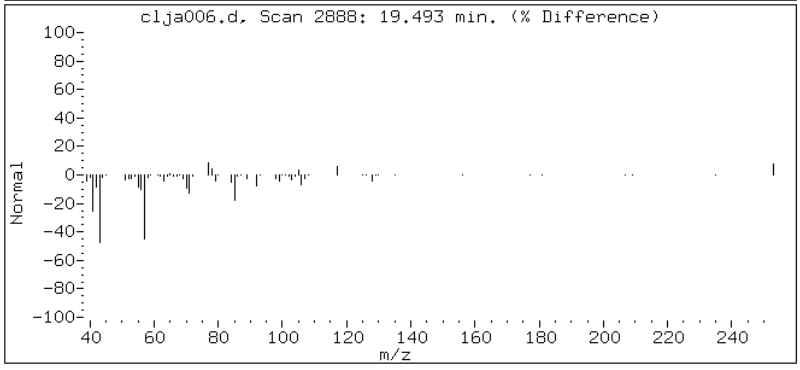












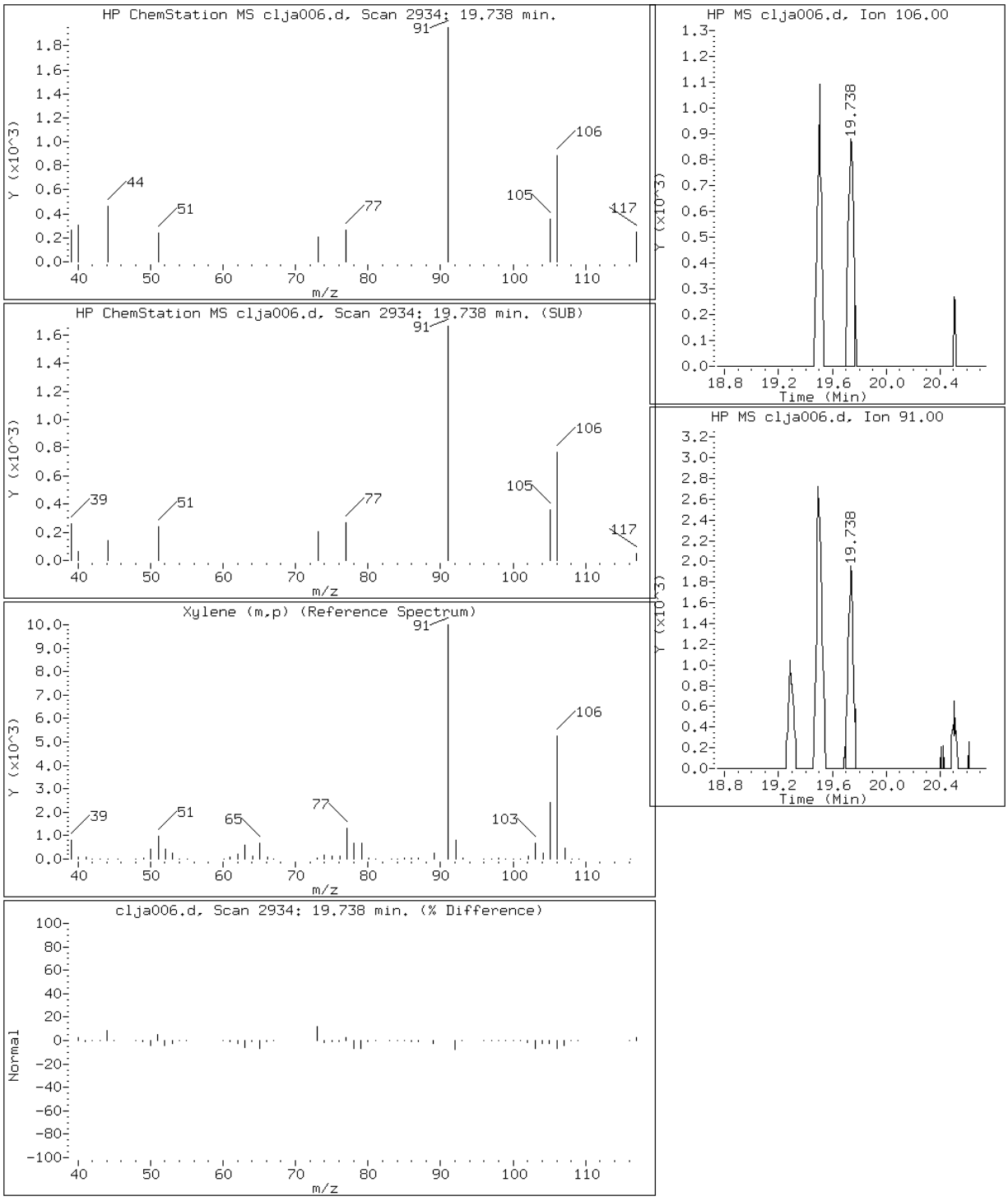
Data File: clja006.d

Lab Sample ID: 280-39218-10 Date: 22-MAR-2013 18:41

Client ID: 776IA1HA Instrument: C.i

Sample Info: 280-39218-A-10 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: clja006.d
Lab Sample ID: 280-39218-10
Inj. Date and Time: 22-MAR-2013 18:41
Instrument ID: C.i
Client ID: 776IA1HA
Compound: 61 Tetrachloroethene
CAS #: 127-18-4
Report Date: 03/24/2013

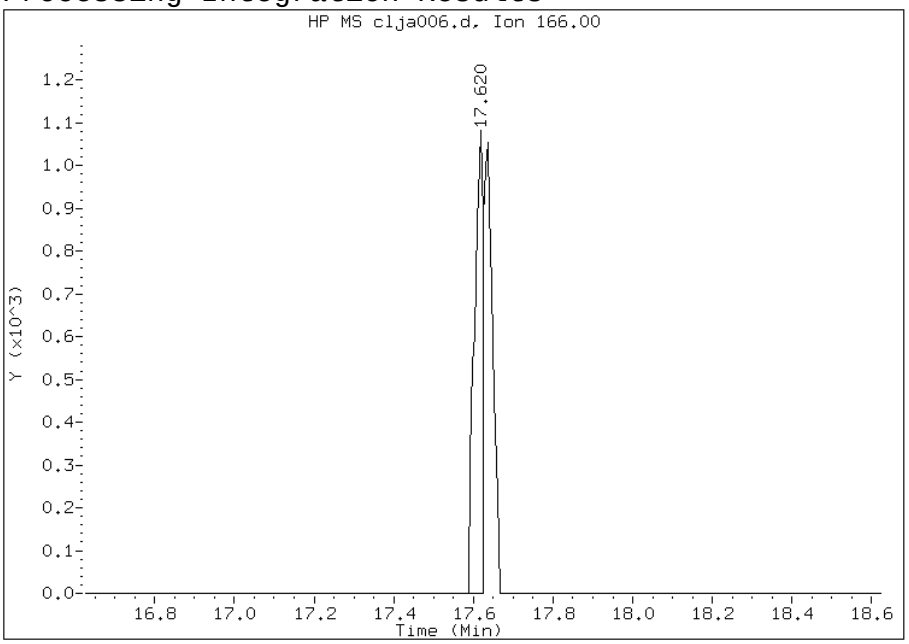
Processing Integration Results

RT: 17.62

Response: 1670

Amount: 0.029363

Conc: 0.029363



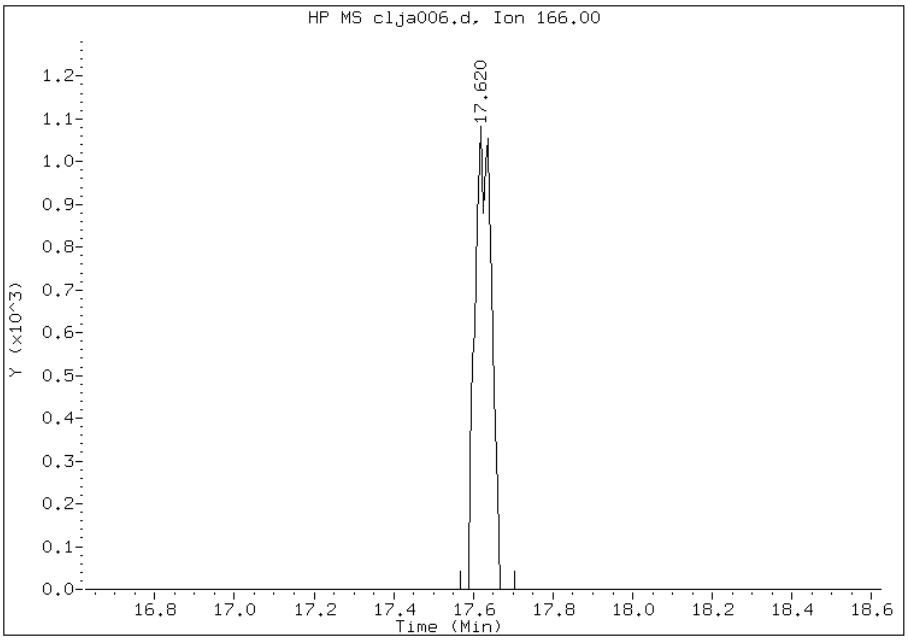
Manual Integration Results

RT: 17.62

Response: 3163

Amount: 0.055614

Conc: 0.055614



File Uploaded By: wrd
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-52836/3	cli003.d
Level 2	IC 200-52836/4	cli004.d
Level 3	IC 200-52836/5	cli005.d
Level 4	IC 200-52836/6	cli006.d
Level 5	ICIS 200-52836/7	cli007.d
Level 6	IC 200-52836/8	cli008.d
Level 7	IC 200-52836/9	cli009.d
Level 8	IC 200-52836/10	cli010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	0.8782	0.7757	1.3925 0.6850	0.9713	0.9111	Ave		0.9356				26.3		30.0			
Dichlorodifluoromethane	3.3963	3.1090	4.0108 2.9504	3.5972	3.4347	Ave		3.4164				10.9		30.0			
Freon 22	1.8292	1.6609	2.1828 1.5153	1.9861	1.8842	Ave		1.8431				12.8		30.0			
1,2-Dichlorotetrafluoroethane	3.2985	4.1311 3.0495	3.8388 2.9015	3.5184	3.3204	Ave		3.4369				12.6		30.0			
Chloromethane	0.9916	0.8956	1.3520 0.8209	1.0907	1.0233	Ave		1.0290				18.0		30.0			
n-Butane	1.7092	1.4745	2.1100 1.3304	1.8661	1.7356	Ave		1.7043				16.3		30.0			
Vinyl chloride	1.6312 1.1433	1.4094 1.0153	1.3459 0.9575	1.2195	1.1483	Ave		1.2338				17.9		30.0			
1,3-Butadiene	0.8378	1.1391 0.7496	0.9868 0.6953	0.9021	0.8585	Ave		0.8813				16.9		30.0			
Bromomethane	0.9646	1.2593 0.8869	1.1930 0.8407	1.0251	0.9725	Ave		1.0203				15.1		30.0			
Chloroethane	0.5435	0.4953	0.6396 0.4601	0.5905	0.5660	Ave		0.5491				11.8		30.0			
Isopentane	1.2982	1.6297 1.1658	1.4836 1.0205	1.3442	1.3460	Ave		1.3269				15.0		30.0			
Bromoethene(Vinyl Bromide)	1.0131	1.1842 0.9401	1.0886 0.9366	1.0374	1.0394	Ave		1.0342				8.3		30.0			
Trichlorofluoromethane	3.3023	3.9209 3.0260	3.6396 2.9379	3.3968	3.3186	Ave		3.3632				10.1		30.0			
n-Pentane	2.0253	1.7853	2.4960 1.5839	2.1596	2.0872	Ave		2.0229				15.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.3369	0.3042	0.3768 0.2670	0.3160	0.3632	Ave		0.3273				12.3		30.0			
Ethyl ether	0.7523	0.9071 0.6806	0.8613 0.6140	0.7638	0.7671	Ave		0.7637				13.0		30.0			
Acrolein	0.4034	0.3586	0.3381	0.3744	0.3956	Ave		0.3740				7.1		30.0			
Freon TF	2.1442	2.5030 1.9930	2.3861 1.9370	2.2270	2.1768	Ave		2.1953				9.2		30.0			
1,1-Dichloroethene	1.0283	1.1802 0.9657	1.1067 0.9363	1.0668	1.0378	Ave		1.0460				7.9		30.0			
Acetone	1.4680	1.2227	1.0697	1.5592	1.4798	Ave		1.3599				15.1		30.0			
Carbon disulfide	3.2540	2.9965	3.5929 2.8886	3.3457	3.2979	Ave		3.2293				7.8		30.0			
Isopropyl alcohol	1.0270	0.9334	0.8042	1.0239	1.1844	Ave		0.9946				14.0		30.0			
3-Chloropropene	1.5858	2.1213 1.4900	2.0379 1.2972	1.6896	1.5870	Ave		1.6870				17.5		30.0			
Acetonitrile	0.4290	0.4975	0.4943	0.5513	0.4882	Ave		0.4921				8.8		30.0			
Methylene Chloride	1.1737	1.0544	1.6324 0.9583	1.2626	1.2280	Ave		1.2182				19.1		30.0			
tert-Butyl alcohol	1.4426	1.3606	1.2397	1.4394	1.7172	Ave		1.4399				12.2		30.0			
Methyl tert-butyl ether	3.0423	3.6149 2.8117	3.2332 2.5258	3.0100	3.0548	Ave		3.0418				11.1		30.0			
trans-1,2-Dichloroethene	1.7306	1.9479 1.5543	1.8441 1.4249	1.7977	1.7742	Ave		1.7248				10.3		30.0			
Acrylonitrile	0.7709	0.6932	0.8448 0.6341	0.7633	0.7646	Ave		0.7452				9.7		30.0			
n-Hexane	1.8739	2.2088 1.6942	2.0127 1.5467	1.9534	1.9180	Ave		1.8868				11.4		30.0			
1,1-Dichloroethane	2.1371	2.5157 1.9645	2.3659 1.8366	2.2420	2.2029	Ave		2.1807				10.6		30.0			
Vinyl acetate	2.5989	2.3104	2.0522	2.5193	2.5948	Ave		2.4151				9.7		30.0			
cis-1,2-Dichloroethene	1.1962	1.3607 1.1239	1.2635 1.0836	1.2033	1.2038	Ave		1.2050				7.5		30.0			
Methyl Ethyl Ketone	0.5303	0.4734	0.6218 0.4156	0.5231	0.5330	Ave		0.5162				13.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0928	0.0877	0.0818	0.0893	0.0935	Ave		0.0890				5.3		30.0			
Tetrahydrofuran	0.1898	0.1679	0.1501	0.1930	0.1943	Ave		0.1790				10.8		30.0			
Chloroform	2.5829	2.8694 2.4147	2.7423 2.3012	2.6332	2.6246	Ave		2.5955				7.3		30.0			
1,1,1-Trichloroethane	0.4955	0.5454 0.4678	0.5058 0.4698	0.4937	0.4969	Ave		0.4964				5.2		30.0			
Cyclohexane	0.2986	0.3235 0.2809	0.2968 0.2757	0.2969	0.2968	Ave		0.2956				5.2		30.0			
Carbon tetrachloride	0.6363 0.5180	0.5388 0.4955	0.5009 0.5112	0.5020	0.5094	Ave		0.5265				8.8		30.0			
Benzene	0.6367	1.0021 0.5961	0.7609 0.5595	0.6601	0.6476	Ave		0.6947				21.5		30.0			
2,2,4-Trimethylpentane	1.0269	1.1028 0.9235	1.0479 0.8411	1.0564	1.0413	Ave		1.0057				9.0		30.0			
1,2-Dichloroethane	0.3012	0.3424 0.2782	0.3165 0.2691	0.3105	0.3061	Ave		0.3034				8.0		30.0			
n-Heptane	0.3651	0.4415 0.3235	0.3882 0.2900	0.3793	0.3747	Ave		0.3660				13.2		30.0			
n-Butanol	0.0782	0.0744	0.0754	0.0758	0.0934	Ave		0.0795				10.0		30.0			
Trichloroethene	0.4118 0.3054	0.3286 0.2924	0.3022 0.2909	0.3106	0.3040	Ave		0.3182				12.4		30.0			
1,2-Dichloropropane	0.2398	0.2596 0.2213	0.2498 0.2002	0.2420	0.2393	Ave		0.2360				8.3		30.0			
Methyl methacrylate	0.2108	0.1924	0.1840 0.1795	0.1949	0.2073	Ave		0.1948				6.4		30.0			
1,4-Dioxane	0.0824	0.0753	0.0698	0.0766	0.0904	Ave		0.0789				10.0		30.0			
Dibromomethane	0.2184	0.2129 0.2254	0.1992 0.2514	0.2030	0.2079	Ave		0.2169				8.1		30.0			
Bromodichloromethane	0.5110	0.4910 0.4811	0.4750 0.4681	0.5060	0.5094	Ave		0.4916				3.6		30.0			
cis-1,3-Dichloropropene	0.3864	0.3707 0.3613	0.3529 0.3370	0.3723	0.3783	Ave		0.3655				4.6		30.0			
methyl isobutyl ketone	0.3676	0.3272	0.3676 0.2686	0.3644	0.3773	Ave		0.3454				12.0		30.0			
Toluene	0.4986	0.6112 0.4684	0.5382 0.4510	0.5389	0.4905	Ave		0.5138				10.5		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	0.4982	0.5742 0.4365	0.5253 0.3704	0.5197	0.5062	Ave		0.4901				13.6		30.0			
trans-1,3-Dichloropropene	0.4019	0.4069 0.3760	0.3819 0.3519	0.3845	0.3876	Ave		0.3844				4.7		30.0			
1,1,2-Trichloroethane	0.2501	0.2682 0.2304	0.2638 0.2156	0.2687	0.2472	Ave		0.2491				8.1		30.0			
Tetrachloroethene	0.3912	0.3904 0.3881	0.3617 0.4370	0.3913	0.3733	Ave		0.3904				6.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	0.3680	0.3296	0.3641 0.2746	0.4089	0.3884	Ave		0.3556				13.4		30.0			
Dibromochloromethane	0.5148	0.4381 0.5006	0.4241 0.5153	0.5161	0.4945	Ave		0.4862				8.0		30.0			
1,2-Dibromoethane	0.4618	0.4510 0.4379	0.4260 0.4267	0.4842	0.4479	Ave		0.4479				4.6		30.0			
Chlorobenzene	0.6638	0.7332 0.6451	0.6707 0.6364	0.6955	0.6440	Ave		0.6698				5.1		30.0			
Ethylbenzene	1.0703	1.1818 1.0119	1.1092 0.9913	1.1276	1.0542	Ave		1.0780				6.2		30.0			
n-Nonane	0.5080	0.5223 0.4488	0.5542 0.3989	0.5720	0.5179	Ave		0.5032				12.0		30.0			
m,p-Xylene	0.4114	0.4179 0.3942	0.4133 0.3909	0.4178	0.3930	Ave		0.4055				3.0		30.0			
Xylene, o-	0.3934	0.3994 0.3810	0.3956 0.3759	0.4132	0.3847	Ave		0.3919				3.2		30.0			
Styrene	0.6041	0.4827 0.6026	0.4948 0.6080	0.6152	0.5917	Ave		0.5713				10.0		30.0			
Bromoform	0.4783	0.3439 0.4774	0.3331 0.5307	0.4302	0.4338	Ave		0.4325				16.7		30.0			
Cumene	1.1805	1.1904 1.1315	1.1431 1.1509	1.2105	1.1457	Ave		1.1647				2.5		30.0			
1,1,2,2-Tetrachloroethane	0.6203	0.6504 0.5690	0.6329 0.5351	0.6731	0.6196	Ave		0.6143				7.7		30.0			
1,2,3-Trichloropropane	0.5004	0.4482	0.5343 0.4117	0.5529	0.5006	Ave		0.4914				10.8		30.0			
n-Propylbenzene	1.4776	1.3695 1.3876	1.3855 1.3327	1.5720	1.4637	Ave		1.4270				5.7		30.0			
4-Ethyltoluene	1.2291	1.0536 1.1493	1.1463 1.1148	1.2831	1.2136	Ave		1.1700				6.6		30.0			
2-Chlorotoluene	1.0675	1.1375 0.9725	1.0977 0.8937	1.1805	1.0691	Ave		1.0598				9.2		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	0.5587	0.4971	0.6586 0.3819	0.7056	0.6248	Ave		0.5711				20.7		30.0			
1,3,5-Trimethylbenzene	1.0084	0.9379 1.0004	0.9771 1.0090	1.0879	1.0087	Ave		1.0042				4.5		30.0			
Alpha Methyl Styrene	0.4595	0.2822 0.4917	0.3493 0.5119	0.4976	0.4745	Ave		0.4381				20.0		30.0			
tert-Butylbenzene	0.9518	0.9331 0.9423	0.9065 0.9828	0.9980	0.9217	Ave		0.9480				3.4		30.0			
1,2,4-Trimethylbenzene	0.9628	0.8165 0.9961	0.9533 1.0086	1.0864	0.9937	Ave		0.9739				8.4		30.0			
sec-Butylbenzene	1.4171	1.3147 1.4056	1.3988 1.4267	1.5488	1.4086	Ave		1.4172				4.9		30.0			
4-Isopropyltoluene	1.2148	0.9908 1.2499	1.1004 1.2857	1.2731	1.1950	Ave		1.1871				9.0		30.0			
1,3-Dichlorobenzene	0.6383	0.5615 0.6819	0.6125 0.7430	0.6611	0.6135	Ave		0.6445				9.0		30.0			
1,4-Dichlorobenzene	0.6110	0.5455 0.6615	0.5873 0.7290	0.6462	0.6001	Ave		0.6258				9.5		30.0			
Benzyl chloride	0.9491	0.8023 0.9371	0.7889 0.9559	1.0098	0.9303	Ave		0.9105				9.1		30.0			
n-Butylbenzene	1.0464	0.7309 1.1005	1.0174 1.0767	1.2556	1.1362	Ave		1.0520				15.3		30.0			
n-Undecane	0.3663	0.5057	0.4725	0.6386	0.4838	Ave		0.4934				19.7		30.0			
1,2-Dichlorobenzene	0.5746	0.5398 0.6311	0.5724 0.6876	0.6350	0.5821	Ave		0.6032				8.3		30.0			
n-Dodecane	0.1801	0.3087	0.2931	0.5678	0.4045	Ave		0.3509				41.4	*	30.0			
1,2,4-Trichlorobenzene	0.2436	0.4172	0.2780 0.4393	0.3648	0.3649	Ave		0.3513				21.8		30.0			
Hexachlorobutadiene	0.3586	0.2807 0.4146	0.3467 0.4517	0.4026	0.3897	Ave		0.3778				14.6		30.0			
Naphthalene	0.4196	0.8657	0.5782 0.7569	0.8280	0.7806	Ave		0.7048				24.3		30.0			
1,2,3-Trichlorobenzene	0.2046	0.1421 0.3582	0.2504 0.3602	0.3311	0.3268	Ave		0.2819				30.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-52836/3	cli003.d
Level 2	IC 200-52836/4	cli004.d
Level 3	IC 200-52836/5	cli005.d
Level 4	IC 200-52836/6	cli006.d
Level 5	ICIS 200-52836/7	cli007.d
Level 6	IC 200-52836/8	cli008.d
Level 7	IC 200-52836/9	cli009.d
Level 8	IC 200-52836/10	cli010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	487281	658213	20781 1270106	160211	331317	15.0	20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	1884517	2638063	59855 5470247	593324	1248987	15.0	20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	1014974	1409348	32575 2809375	327595	685171	15.0	20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	1830303	26586 2587539	57288 5379478	580325	1207417	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	550232	759946	20177 1522038	179906	372116	15.0	20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	948426	1251114	31489 2466572	307800	631136	15.0	20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	2136 634401	9070 861503	20086 1775220	201150	417557	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	464906	7331 636010	14726 1289117	148801	312169	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	535246	8104 752513	17803 1558631	169081	353648	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	301566	420235	9545 852986	97401	205803	15.0	20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	720349	10488 989190	22141 1892142	221715	489444	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	562139	7621 797695	16245 1736536	171111	377974	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	1832411	25233 2567633	54316 5447038	560274	1206755	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	1123807	1514901	37249 2936653	356212	758996	15.0	20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	249278	516285	56229 1237666	104228	198086	20.0	40.0	5.00 100	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	417446	5838 577480	12853 1138402	125977	278929	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	223852	304275	626785	61759	143847	15.0	20.0	40.0	5.00	10.0
Freon TF	BCM	Ave	1189767	16108 1691139	35609 3591251	367324	791581	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	570574	7595 819379	16516 1735884	175966	377388	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	814561	1037511	1983180	257170	538103	15.0	20.0	40.0	5.00	10.0
Carbon disulfide	BCM	Ave	1805595	2542597	53618 5355636	551853	1199228	15.0	20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	569850	792045	1490974	168885	430705	15.0	20.0	40.0	5.00	10.0
3-Chloropropene	BCM	Ave	879953	13652 1264304	30412 2405104	278693	577090	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	238033	422172	916498	90937	177536	15.0	20.0	40.0	5.00	10.0
Methylene Chloride	BCM	Ave	651260	894689	24361 1776751	208264	446557	15.0	20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	800484	1154530	2298547	237416	624428	15.0	20.0	40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	1688105	23264 2385748	48251 4683028	496477	1110840	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	960274	12536 1318819	27521 2641753	296518	645171	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	427755	588174	12608 1175704	125904	278052	15.0	20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	1039818	14215 1437599	30036 2867680	322191	697439	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	1185863	16190 1666908	35307 3405056	369803	801048	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	1442073	1960445	3804887	415539	943554	15.0	20.0	40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	663734	8757 953654	18856 2009077	198479	437731	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	294248	401662	9280 770517	86274	193808	15.0	20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	51499	74405	151721	14723	34009	15.0	20.0	40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	618108	829734	1552146	186285	415064	15.0	20.0	40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	1433226	18466 2048963	40924 4266582	434323	954417	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	1613903	20498 2311812	43882 4857441	476607	1061745	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	972543	12160 1388537	25748 2850564	286673	634270	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	4828 1687331	20251 2448768	43465 5285128	484642	1088377	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	2073964	37663 2946227	66023 5784551	637250	1383679	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	3344921	41448 4564079	90923 8696287	1019895	2225035	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	981060	12868 1375097	27461 2782007	299721	654050	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	1189083	16593 1598806	33683 2998685	366177	800575	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	254775	367745	779915	73158	199633	15.0	20.0	40.0	5.00	10.0
Trichloroethene	DFB	Ave	3125 994688	12350 1445354	26223 3007896	299858	649486	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	781008	9758 1093527	21671 2070155	233644	511421	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	686578	951000	15964 1855779	188139	442870	15.0	20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	268341	371934	721460	73934	193229	15.0	20.0	40.0	5.00	10.0
Dibromomethane	DFB	Ave	711277	8000 1113792	17284 2599404	195932	444171	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	1664502	18454 2377565	41212 4839330	488462	1088377	15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	1258598	13933 1785652	30616 3484006	359388	808414	15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	1197258	1617146	31895 2777100	351809	806126	15.0	20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	1507371	20656 2184066	41575 4308219	438113	959767	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	1622708	21581 2157292	45580 3829915	501700	1081624	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	1308978	15295 1858260	33140 3638785	371201	828108	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	756070	9064 1074261	20380 2059239	218433	483772	15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	1182544	13193 1809556	27939 4174075	318144	730416	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	1112574	1536906	28128 2623285	332462	759978	15.0	20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	1556127	14806 2334083	32758 4921583	419560	967675	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	1396118	15243 2041868	32909 4075664	393643	876437	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	2006801	24780 3007981	51810 6078460	565417	1260234	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	3235525	39941 4717926	85681 9469161	916724	2062984	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	1535759	17653 2092659	42811 3810205	465009	1013406	15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	2487539	28248 3675728	63851 7466920	679390	1538052	30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	1189260	13500 1776316	30557 3590596	335951	752840	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	1826124	16313 2809834	38224 5807466	500163	1157855	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	1445853	11623 2225749	25735 5069095	349756	848831	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	3568568	40234 5275716	88304 10993640	984146	2241975	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	1875029	21982 2652862	48890 5110861	547262	1212420	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	1512867	2089573	41271 3932885	449480	979645	15.0	20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	4466777	46287 6469815	107027 12730075	1278031	2864185	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	3715691	35608 5358585	88549 10648317	1043152	2374857	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	3226988	38445 4534247	84796 8536224	959758	2092137	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	1689080	2317599	50872 3648252	573623	1222717	15.0	20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	3048408	31698 4664234	75476 9638214	884433	1973771	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	1389063	9536 2292471	26986 4889984	404558	928608	15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	2877394	31537 4393558	70022 9387260	811383	1803702	15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 52836

SDG No.:

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

Calibration Start Date: 03/09/2013 15:27 Calibration End Date: 03/09/2013 21:37 Calibration ID: 20741

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	2910542	27595 4644310	73644 9634193	883270	1944480	15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	4283815	44433 6553731	108053 13627904	1259164	2756394	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	3672318	33486 5827765	85007 12280576	1035047	2338493	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	1929469	18976 3179148	47312 7096676	537484	1200502	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	1847109	18436 3084419	45368 6962840	525331	1174260	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	2869280	27117 4369016	60939 9130193	821010	1820411	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	3163412	24702 5131193	78595 10284567	1020785	2223418	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	1107196	2357688	4513494	519219	946768	15.0	20.0	40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	1737000	18245 2942279	44218 6567485	516221	1139140	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	544568	1439151	2799731	461629	791600	15.0	20.0	40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	736341	1945070	21473 4196039	296578	714106	15.0	20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	1084197	9487 1933277	26782 4314269	327332	762566	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	1268372	4036338	44666 7230213	673188	1527507	15.0	20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	618561	4803 1670031	19346 3440302	269219	639525	15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli003.d
Lab Smp Id: ic 463751
Inj Date : 09-MAR-2013 15:27
Operator : pad Inst ID: C.i
Smp Info : ic 463751
Misc Info : 40,1, level 8
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:09 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 15:27 Cal File: cli003.d
Als bottle: 2 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	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	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	5.083	5.083	(0.425)	2136	0.04000	0.053(aM)
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

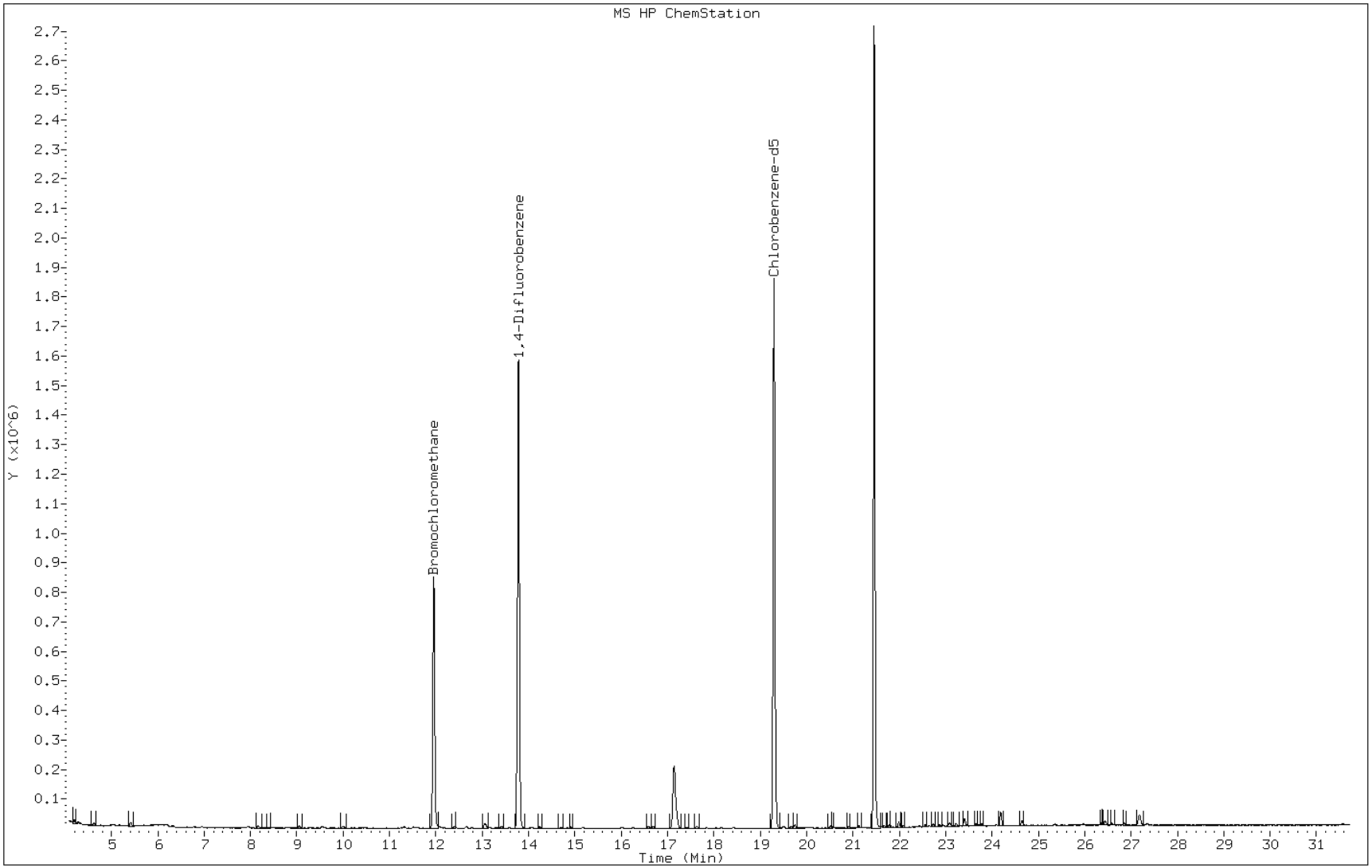
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	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	11.957	11.957	(1.000)	327366	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	12.645	12.656	(0.918)	4828	0.04000	0.048(aH)
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	13.782	13.782	(1.000)	1897021	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	14.236	14.241	(1.033)	3125	0.04000	0.052(aH)
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (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	19.301	19.295	(1.000)	1723982	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File:	cli003.d	Date:	09-MAR-2013 15:27
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463751		
Lab Sample ID:	ic 463751		



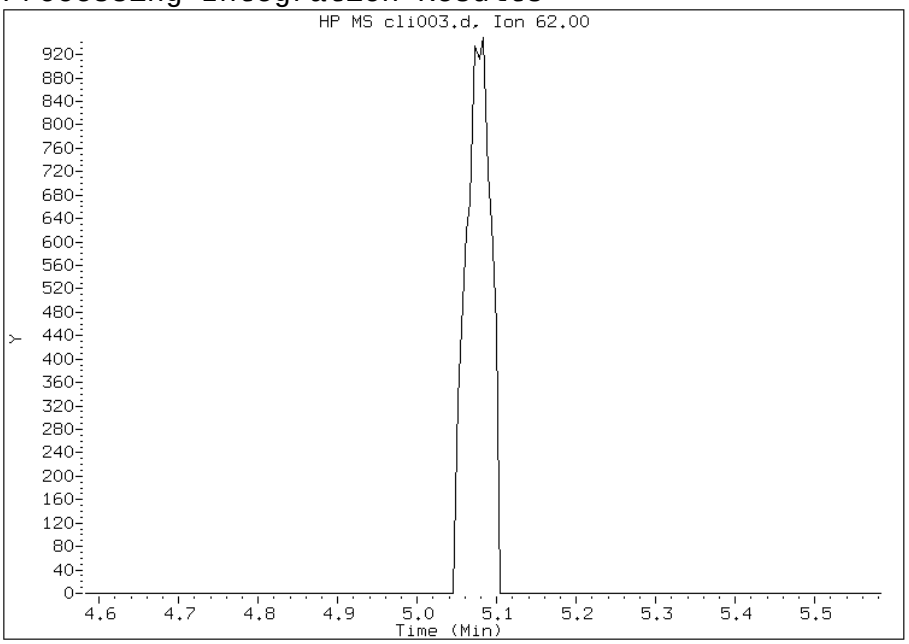
Manual Integration Report

Data File: cli003.d
Lab Sample ID: ic 463751
Inj. Date and Time: 09-MAR-2013 15:27
Instrument ID: C.i
Client ID:
Compound: 7 Vinyl chloride
CAS #: 75-01-4
Report Date: 03/11/2013

Processing Integration Results

Not Detected

Expected RT: 5.08



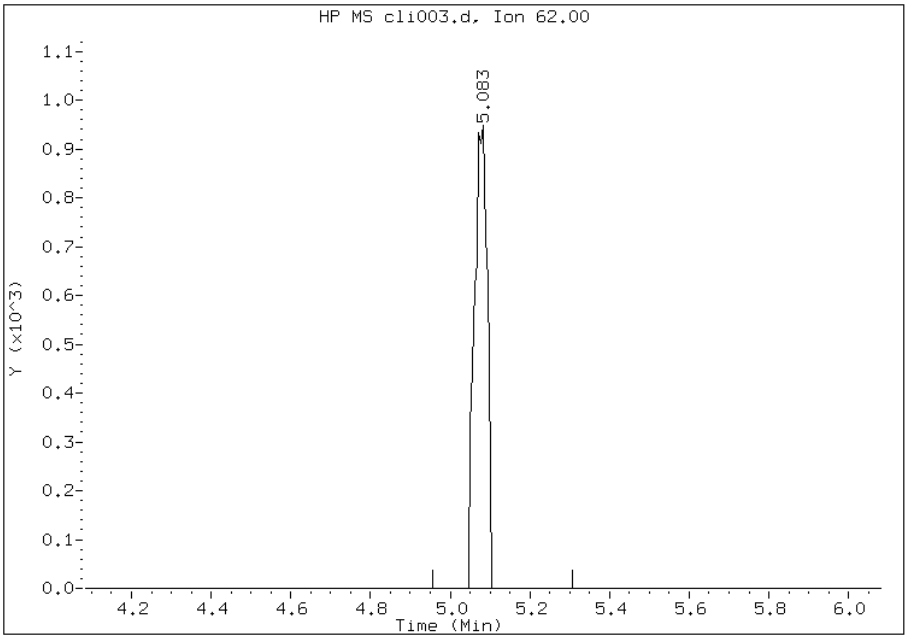
Manual Integration Results

RT: 5.08

Response: 2136

Amount: 0.052884

Conc: 0.052884



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli004.d
Lab Smp Id: ic 463751
Inj Date : 09-MAR-2013 16:20
Operator : pad Inst ID: C.i
Smp Info : ic 463751
Misc Info : 200,1, level 1
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:09 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 16:20 Cal File: cli004.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.197	4.197	(0.351)	11963	0.20000	0.40(a)
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	27556	0.20000	0.25(a)
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	15703	0.20000	0.26(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	26586	0.20000	0.24
5 Chloromethane	50	4.773	4.779	(0.399)	10724	0.20000	0.32(a)
6 Butane	43	5.040	5.046	(0.422)	15230	0.20000	0.28(a)
7 Vinyl chloride	62	5.072	5.083	(0.424)	9070	0.20000	0.23
8 1,3-Butadiene	54	5.168	5.179	(0.432)	7331	0.20000	0.26
9 Bromomethane	94	5.942	5.948	(0.497)	8104	0.20000	0.25
10 Chloroethane	64	6.209	6.214	(0.519)	4357	0.20000	0.25(a)
11 2-Methylbutane	43	6.332	6.332	(0.530)	10488	0.20000	0.25
12 Vinyl bromide	106	6.657	6.652	(0.557)	7621	0.20000	0.23
13 Trichlorofluoromethane	101	6.775	6.785	(0.567)	25233	0.20000	0.23
14 Pentane	43	6.951	6.951	(0.581)	16463	0.20000	0.25(a)

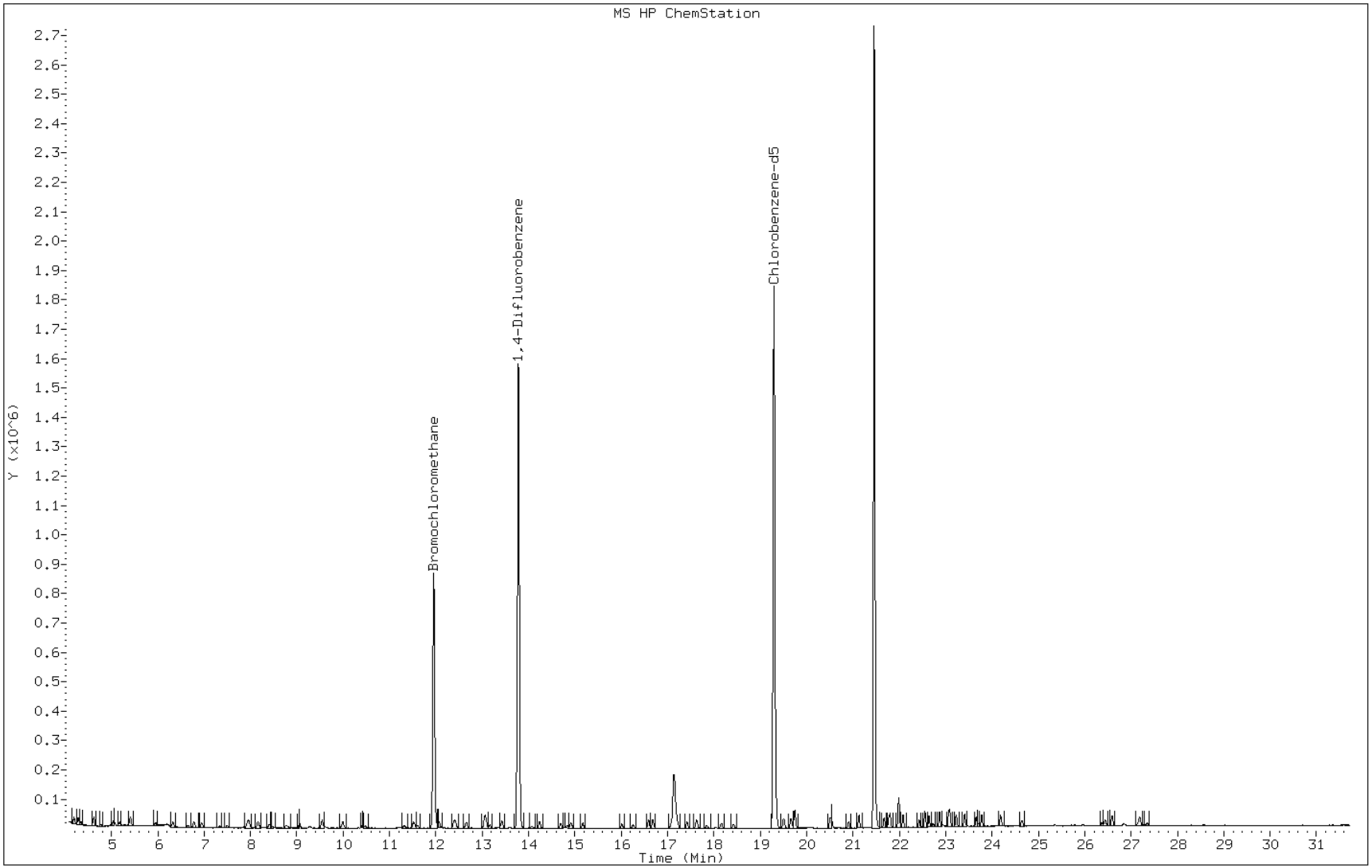
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.340	7.330	(0.614)	10161	0.20000	0.96(a)
16	Ethyl ether	59	7.501	7.490	(0.627)	5838	0.20000	0.24
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	16108	0.20000	0.23
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.965	7.976	(0.666)	7595	0.20000	0.23
20	Acetone	43	8.157	8.157	(0.682)	44142	0.20000	1.0(a)
21	Carbon disulfide	76	8.408	8.408	(0.703)	24553	0.20000	0.24(a)
22	Isopropanol	45	8.472	8.461	(0.709)	11141	0.20000	0.35(a)
23	Allyl chloride	41	8.776	8.776	(0.734)	13652	0.20000	0.25(aM)
24	Acetonitrile	41	8.803	8.776	(0.736)	5083	0.20000	0.32(aQM)
25	Methylene chloride	49	9.054	9.059	(0.757)	13171	0.20000	0.34(a)
26	Tert-butyl alcohol	59	9.278	9.267	(0.776)	9808	0.20000	0.21(a)
27	Methyl tert-butyl ether	73	9.545	9.529	(0.798)	23264	0.20000	0.24
28	1,2-Dichloroethene (trans)	61	9.545	9.550	(0.798)	12536	0.20000	0.23
29	Acrylonitrile	53	9.603	9.609	(0.803)	5673	0.20000	0.24(a)
30	n-Hexane	57	9.998	9.998	(0.836)	14215	0.20000	0.23
31	1,1-Dichloroethane	63	10.409	10.420	(0.871)	16190	0.20000	0.23
32	Vinyl acetate	43	10.484	10.479	(0.877)	18205	0.20000	0.23(a)
M 33	1,2-Dichloroethene,Total	61				21293	0.40000	0.45
34	1,2-Dichloroethene (cis)	96	11.509	11.514	(0.962)	8757	0.20000	0.23
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.535	11.530	(0.965)	5480	0.20000	0.33(aQ)
* 37	Bromochloromethane	128	11.957	11.957	(1.000)	321777	10.0000	
38	Tetrahydrofuran	42	12.026	12.016	(0.873)	8715	0.20000	0.26(a)
39	Chloroform	83	12.074	12.074	(1.010)	18466	0.20000	0.22
40	Cyclohexane	84	12.416	12.427	(0.901)	12160	0.20000	0.22
41	1,1,1-Trichloroethane	97	12.384	12.395	(0.899)	20498	0.20000	0.22
42	Carbon tetrachloride	117	12.656	12.656	(0.919)	20251	0.20000	0.20
43	2,2,4-Trimethylpentane	57	13.072	13.078	(0.949)	41448	0.20000	0.22
44	Benzene	78	13.051	13.051	(0.947)	37663	0.20000	0.29
45	1,2-Dichloroethane	62	13.163	13.168	(0.955)	12868	0.20000	0.23
46	n-Heptane	43	13.419	13.419	(0.974)	16593	0.20000	0.24
* 47	1,4-Difluorobenzene	114	13.777	13.782	(1.000)	1879246	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	14.236	14.241	(1.033)	12350	0.20000	0.21
50	1,2-Dichloropropane	63	14.684	14.689	(1.066)	9758	0.20000	0.22
51	Methyl methacrylate	69	14.834	14.828	(1.077)	7593	0.20000	0.21(a)
52	Dibromomethane	174	14.919	14.919	(1.083)	8000	0.20000	0.20
53	1,4-Dioxane	88	14.914	14.903	(1.083)	3619	0.20000	0.24(a)
54	Bromodichloromethane	83	15.170	15.170	(1.101)	18454	0.20000	0.20
55	1,3-Dichloropropene (cis)	75	16.008	16.013	(1.162)	13933	0.20000	0.20
56	Methyl isobutyl ketone	43	16.264	16.253	(1.181)	14586	0.20000	0.22(a)
57	n-Octane	43	16.675	16.680	(1.210)	21581	0.20000	0.23(a)
58	Toluene	92	16.595	16.589	(0.860)	20656	0.20000	0.24
59	1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	15295	0.20000	0.21
60	1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	9064	0.20000	0.22
61	Tetrachloroethene	166	17.630	17.630	(0.914)	13193	0.20000	0.20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	13020	0.20000	0.22(a)
63	Dibromochloromethane	129	18.158	18.158	(0.941)	14806	0.20000	0.18(a)
64	1,2-Dibromoethane	107	18.431	18.425	(0.955)	15243	0.20000	0.20
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1689867	10.0000	
66	Chlorobenzene	112	19.359	19.354	(1.003)	24780	0.20000	0.22
67	n-Nonane	57	19.663	19.663	(1.019)	17653	0.20000	0.21(M)
68	Ethylbenzene	91	19.509	19.509	(1.011)	39941	0.20000	0.22
69	Xylene (m,p)	106	19.749	19.743	(1.024)	28248	0.40000	0.41(a)
M 70	Xylenes, Total	106				41748	0.20000	0.62
71	Xylene (o)	106	20.507	20.512	(1.063)	13500	0.20000	0.20
72	Styrene	104	20.539	20.544	(1.064)	16313	0.20000	0.17(a)
73	Bromoform	173	20.912	20.907	(1.084)	11623	0.20000	0.16(a)
74	Isopropylbenzene	105	21.131	21.131	(1.095)	40234	0.20000	0.20
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	21982	0.20000	0.21
76	n-Propylbenzene	91	21.803	21.804	(1.130)	46287	0.20000	0.19(a)
77	1,2,3-Trichloropropane	75	21.777	21.771	(1.129)	18933	0.20000	0.23(a)
78	n-Decane	57	21.996	21.996	(1.140)	14318	0.20000	0.15(a)
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	35608	0.20000	0.18(a)
80	2-Chlorotoluene	91	21.985	21.990	(1.139)	38445	0.20000	0.21
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	31698	0.20000	0.19(a)
82	Alpha Methyl Styrene	118	22.423	22.428	(1.162)	9536	0.20000	0.13(a)
83	tert-butylbenzene	119	22.556	22.556	(1.169)	31537	0.20000	0.20
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	27595	0.20000	0.17(a)
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	44433	0.20000	0.19(a)
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	33486	0.20000	0.17(a)
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	18976	0.20000	0.17(a)
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	18436	0.20000	0.17(a)
89	Benzyl chloride	91	23.410	23.410	(1.213)	27117	0.20000	0.18(a)
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	23.661	23.655	(1.226)	24702	0.20000	0.14(a)
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	18245	0.20000	0.18(a)
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	5664	0.20000	0.095(a)
95	1,3-Hexachlorobutadiene	225	26.585	26.596	(1.378)	9487	0.20000	0.15(a)
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	4803	0.20000	0.10(a)

QC Flag Legend

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

Data File:	cli004.d	Date:	09-MAR-2013 16:20
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463751		
Lab Sample ID:	ic 463751		



Manual Integration Report

Data File: cli004.d
Lab Sample ID: ic 463751
Inj. Date and Time: 09-MAR-2013 16:20
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

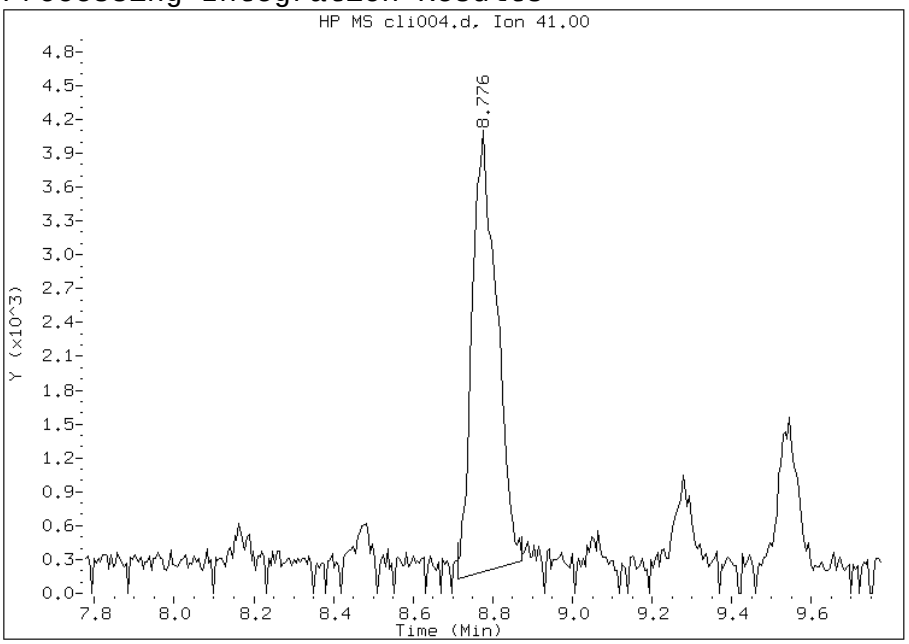
Processing Integration Results

RT: 8.78

Response: 16875

Amount: 0.247586

Conc: 0.247586



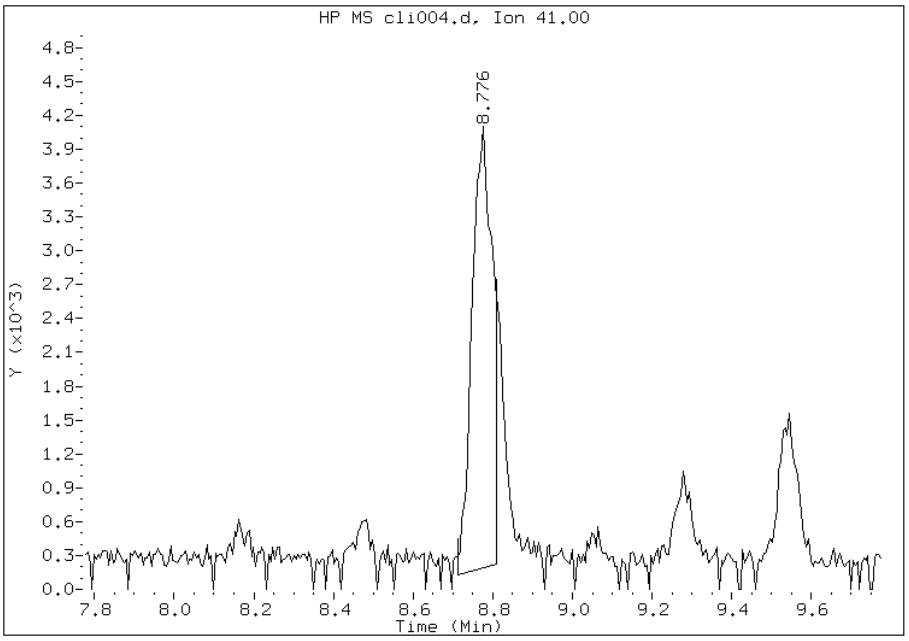
Manual Integration Results

RT: 8.78

Response: 13652

Amount: 0.251495

Conc: 0.251495



File Uploaded By: wrd
Manual Integration Reason: Baseline event

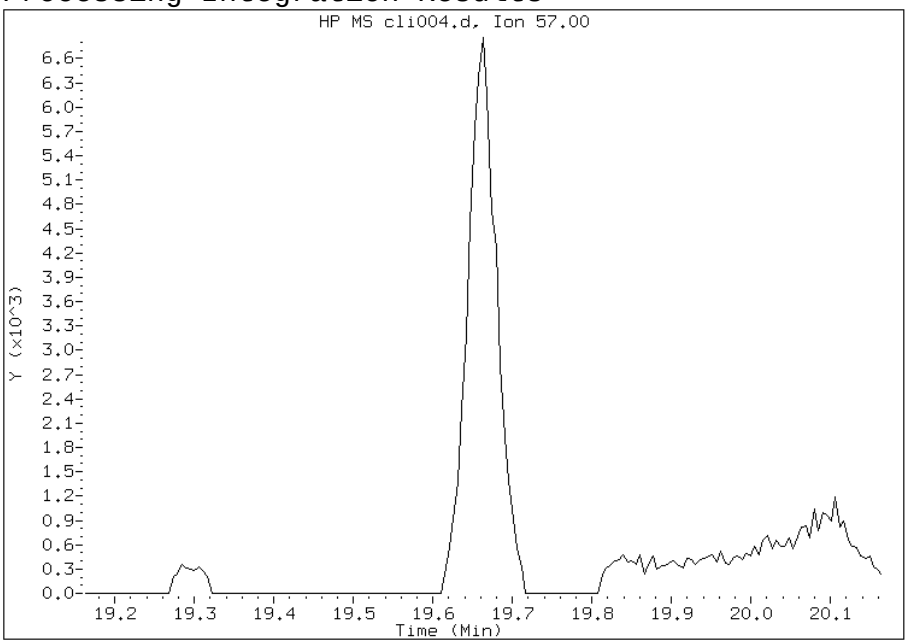
Manual Integration Report

Data File: cli004.d
Lab Sample ID: ic 463751
Inj. Date and Time: 09-MAR-2013 16:20
Instrument ID: C.i
Client ID:
Compound: 67 n-Nonane
CAS #: 111-84-2
Report Date: 03/11/2013

Processing Integration Results

Not Detected

Expected RT: 19.66



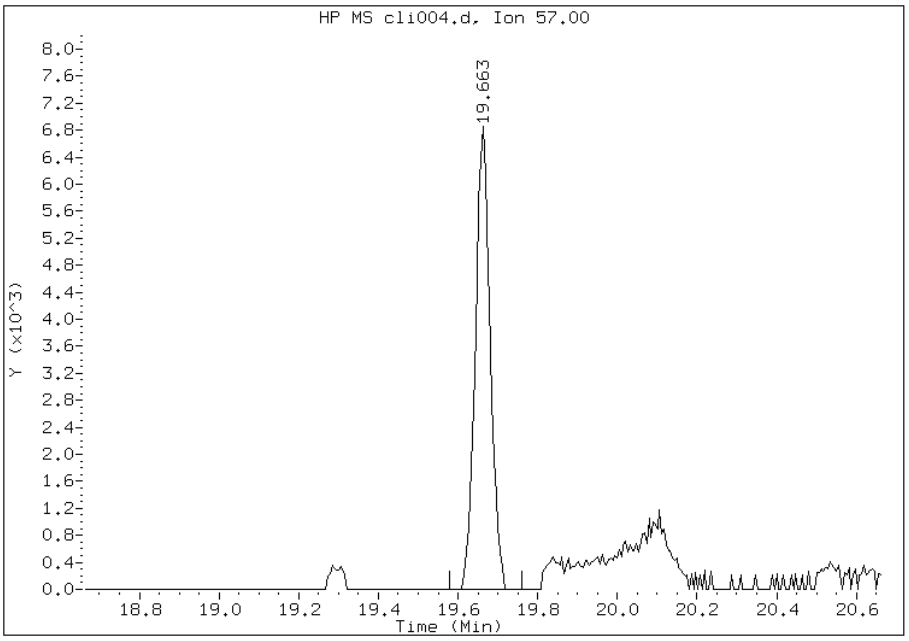
Manual Integration Results

RT: 19.66

Response: 17653

Amount: 0.207616

Conc: 0.207616



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli005.d
Lab Smp Id: ic 463766
Inj Date : 09-MAR-2013 17:13
Operator : pad Inst ID: C.i
Smp Info : ic 463766
Misc Info : 200,1, level 2
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 17:13 Cal File: cli005.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.192	4.197	(0.351)	20781	0.50000	0.74(a)
2 Dichlorodifluoromethane	85	4.283	4.288	(0.358)	59855	0.50000	0.59
3 Chlorodifluoromethane	51	4.347	4.341	(0.364)	32575	0.50000	0.59
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	57288	0.50000	0.56
5 Chloromethane	50	4.779	4.779	(0.400)	20177	0.50000	0.66
6 Butane	43	5.040	5.046	(0.422)	31489	0.50000	0.62
7 Vinyl chloride	62	5.078	5.083	(0.425)	20086	0.50000	0.55
8 1,3-Butadiene	54	5.174	5.179	(0.433)	14726	0.50000	0.56
9 Bromomethane	94	5.953	5.948	(0.498)	17803	0.50000	0.58
10 Chloroethane	64	6.209	6.214	(0.519)	9545	0.50000	0.58
11 2-Methylbutane	43	6.321	6.332	(0.529)	22141	0.50000	0.56
12 Vinyl bromide	106	6.652	6.652	(0.556)	16245	0.50000	0.53
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	54316	0.50000	0.54
14 Pentane	43	6.951	6.951	(0.581)	37249	0.50000	0.62

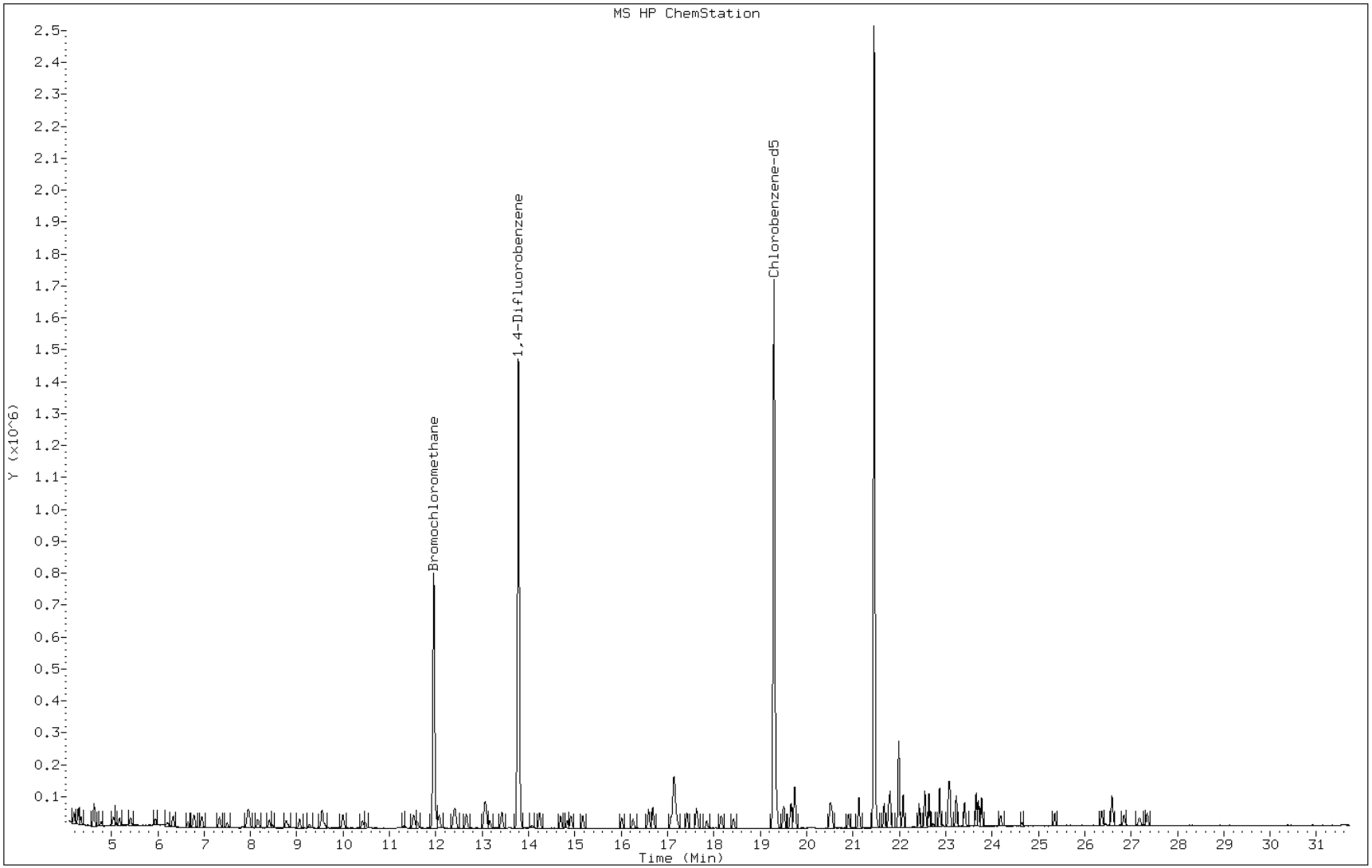
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.335	7.330	(0.613)	56229	5.00000	5.8
16	Ethyl ether	59	7.490	7.490	(0.626)	12853	0.50000	0.56
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.949	7.944	(0.665)	35609	0.50000	0.54
18	Acrolein	56	7.842	7.832	(0.656)	7178	0.50000	0.64(a)
19	1,1-Dichloroethene	96	7.970	7.976	(0.667)	16516	0.50000	0.53
20	Acetone	43	8.163	8.157	(0.683)	51011	0.50000	1.3(a)
21	Carbon disulfide	76	8.403	8.408	(0.703)	53618	0.50000	0.56
22	Isopropanol	45	8.477	8.461	(0.709)	16300	0.50000	0.55(a)
23	Allyl chloride	41	8.766	8.776	(0.733)	30412	0.50000	0.60(M)
24	Acetonitrile	41	8.808	8.776	(0.737)	9374	0.50000	0.64(aQM)
25	Methylene chloride	49	9.054	9.059	(0.757)	24361	0.50000	0.67
26	Tert-butyl alcohol	59	9.273	9.267	(0.775)	19745	0.50000	0.46(a)
27	Methyl tert-butyl ether	73	9.545	9.529	(0.798)	48251	0.50000	0.53
28	1,2-Dichloroethene (trans)	61	9.545	9.550	(0.798)	27521	0.50000	0.53
29	Acrylonitrile	53	9.604	9.609	(0.803)	12608	0.50000	0.57
30	n-Hexane	57	9.998	9.998	(0.836)	30036	0.50000	0.53
31	1,1-Dichloroethane	63	10.420	10.420	(0.871)	35307	0.50000	0.54
32	Vinyl acetate	43	10.479	10.479	(0.876)	41044	0.50000	0.57(a)
M 33	1,2-Dichloroethene,Total	61				46377	1.00000	1.1
34	1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	18856	0.50000	0.52
35	Ethyl acetate	88	11.600	11.594	(0.970)	1250	0.50000	0.47(aQ)
36	Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	9280	0.50000	0.60(Q)
* 37	Bromochloromethane	128	11.957	11.957	(1.000)	298470	10.0000	
38	Tetrahydrofuran	42	12.016	12.016	(0.872)	19002	0.50000	0.61(a)
39	Chloroform	83	12.075	12.074	(1.010)	40924	0.50000	0.53
40	Cyclohexane	84	12.421	12.427	(0.901)	25748	0.50000	0.50
41	1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	43882	0.50000	0.51
42	Carbon tetrachloride	117	12.662	12.656	(0.919)	43465	0.50000	0.48
43	2,2,4-Trimethylpentane	57	13.072	13.078	(0.948)	90923	0.50000	0.52
44	Benzene	78	13.051	13.051	(0.947)	66023	0.50000	0.55
45	1,2-Dichloroethane	62	13.163	13.168	(0.955)	27461	0.50000	0.52
46	n-Heptane	43	13.419	13.419	(0.974)	33683	0.50000	0.53
* 47	1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1735314	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	14.241	14.241	(1.033)	26223	0.50000	0.47
50	1,2-Dichloropropane	63	14.695	14.689	(1.066)	21671	0.50000	0.53
51	Methyl methacrylate	69	14.839	14.828	(1.077)	15964	0.50000	0.47(a)
52	Dibromomethane	174	14.914	14.919	(1.082)	17284	0.50000	0.46
53	1,4-Dioxane	88	14.903	14.903	(1.081)	5919	0.50000	0.43(a)
54	Bromodichloromethane	83	15.170	15.170	(1.101)	41212	0.50000	0.48
55	1,3-Dichloropropene (cis)	75	16.008	16.013	(1.161)	30616	0.50000	0.48
56	Methyl isobutyl ketone	43	16.259	16.253	(1.180)	31895	0.50000	0.53
57	n-Octane	43	16.680	16.680	(1.210)	45580	0.50000	0.54
58	Toluene	92	16.584	16.589	(0.859)	41575	0.50000	0.52
59	1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	33140	0.50000	0.50
60	1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	20380	0.50000	0.53
61	Tetrachloroethene	166	17.630	17.630	(0.914)	27939	0.50000	0.46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	28128	0.50000	0.51
63	Dibromochloromethane	129	18.153	18.158	(0.941)	32758	0.50000	0.44
64	1,2-Dibromoethane	107	18.431	18.425	(0.955)	32909	0.50000	0.48
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1544958	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	51810	0.50000	0.50
67	n-Nonane	57	19.658	19.663	(1.019)	42811	0.50000	0.55
68	Ethylbenzene	91	19.509	19.509	(1.011)	85681	0.50000	0.51
69	Xylene (m,p)	106	19.738	19.743	(1.023)	63851	1.00000	1.0
M 70	Xylenes, Total	106				94408	0.50000	1.5
71	Xylene (o)	106	20.512	20.512	(1.063)	30557	0.50000	0.50
72	Styrene	104	20.544	20.544	(1.065)	38224	0.50000	0.43
73	Bromoform	173	20.907	20.907	(1.084)	25735	0.50000	0.39
74	Isopropylbenzene	105	21.131	21.131	(1.095)	88304	0.50000	0.49
75	1,1,2,2-Tetrachloroethane	83	21.676	21.675	(1.123)	48890	0.50000	0.52
76	n-Propylbenzene	91	21.804	21.804	(1.130)	107027	0.50000	0.49
77	1,2,3-Trichloropropane	75	21.772	21.771	(1.128)	41271	0.50000	0.54
78	n-Decane	57	21.996	21.996	(1.140)	50872	0.50000	0.58
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	88549	0.50000	0.49
80	2-Chlorotoluene	91	21.985	21.990	(1.139)	84796	0.50000	0.52
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	75476	0.50000	0.49
82	Alpha Methyl Styrene	118	22.423	22.428	(1.162)	26986	0.50000	0.40
83	tert-butylbenzene	119	22.551	22.556	(1.169)	70022	0.50000	0.48
84	1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	73644	0.50000	0.49
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	108053	0.50000	0.49
86	4-Isopropyltoluene	119	23.069	23.068	(1.196)	85007	0.50000	0.46
87	1,3-Dichlorobenzene	146	23.090	23.095	(1.197)	47312	0.50000	0.48
88	1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	45368	0.50000	0.47
89	Benzyl chloride	91	23.410	23.410	(1.213)	60939	0.50000	0.43
90	Undecane	57	23.709	23.709	(1.229)	36148	0.50000	0.47(a)
91	n-Butylbenzene	91	23.656	23.655	(1.226)	78595	0.50000	0.48
92	1,2-Dichlorobenzene	146	23.773	23.778	(1.232)	44218	0.50000	0.47
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	26.361	26.367	(1.366)	21473	0.50000	0.40(a)
95	1,3-Hexachlorobutadiene	225	26.591	26.596	(1.378)	26782	0.50000	0.46
96	Naphthalene	128	26.847	26.847	(1.391)	44666	0.50000	0.41(a)
97	1,2,3-Trichlorobenzene	180	27.343	27.349	(1.417)	19346	0.50000	0.44

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:	cli005.d	Date:	09-MAR-2013 17:13
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463766		
Lab Sample ID:	ic 463766		



Manual Integration Report

Data File: cli005.d
Lab Sample ID: ic 463766
Inj. Date and Time: 09-MAR-2013 17:13
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

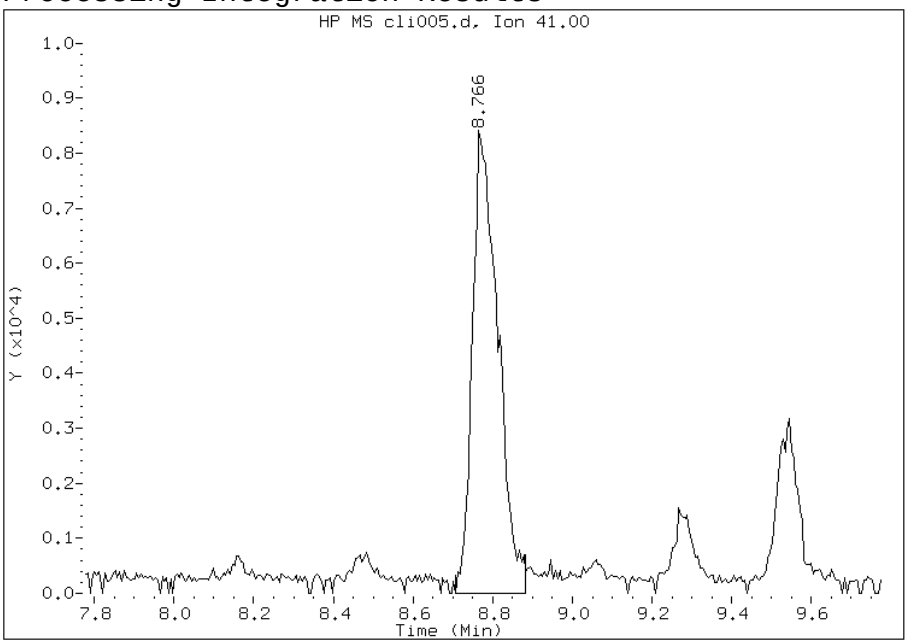
Processing Integration Results

RT: 8.77

Response: 37314

Amount: 0.590212

Conc: 0.590212



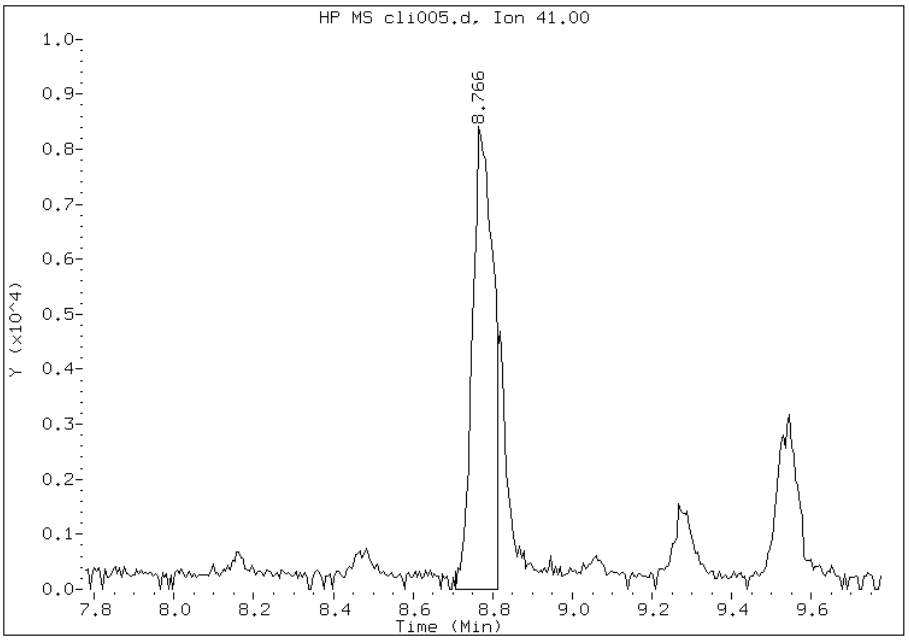
Manual Integration Results

RT: 8.77

Response: 30412

Amount: 0.603994

Conc: 0.603994



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli006.d
Lab Smp Id: ic 464710
Inj Date : 09-MAR-2013 18:06
Operator : pad Inst ID: C.i
Smp Info : ic 464710
Misc Info : 200,1, level 3
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 18:06 Cal File: cli006.d
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.197	4.197	(0.351)	160211	5.00000	5.2
2 Dichlorodifluoromethane	85	4.288	4.288	(0.359)	593324	5.00000	5.3
3 Chlorodifluoromethane	51	4.347	4.341	(0.364)	327595	5.00000	5.4
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	580325	5.00000	5.1
5 Chloromethane	50	4.784	4.779	(0.400)	179906	5.00000	5.3
6 Butane	43	5.046	5.046	(0.422)	307800	5.00000	5.5
7 Vinyl chloride	62	5.083	5.083	(0.425)	201150	5.00000	4.9
8 1,3-Butadiene	54	5.179	5.179	(0.433)	148801	5.00000	5.1
9 Bromomethane	94	5.948	5.948	(0.497)	169081	5.00000	5.0
10 Chloroethane	64	6.214	6.214	(0.520)	97401	5.00000	5.4
11 2-Methylbutane	43	6.332	6.332	(0.530)	221715	5.00000	5.1
12 Vinyl bromide	106	6.652	6.652	(0.556)	171111	5.00000	5.0
13 Trichlorofluoromethane	101	6.786	6.785	(0.567)	560274	5.00000	5.0
14 Pentane	43	6.951	6.951	(0.581)	356212	5.00000	5.3

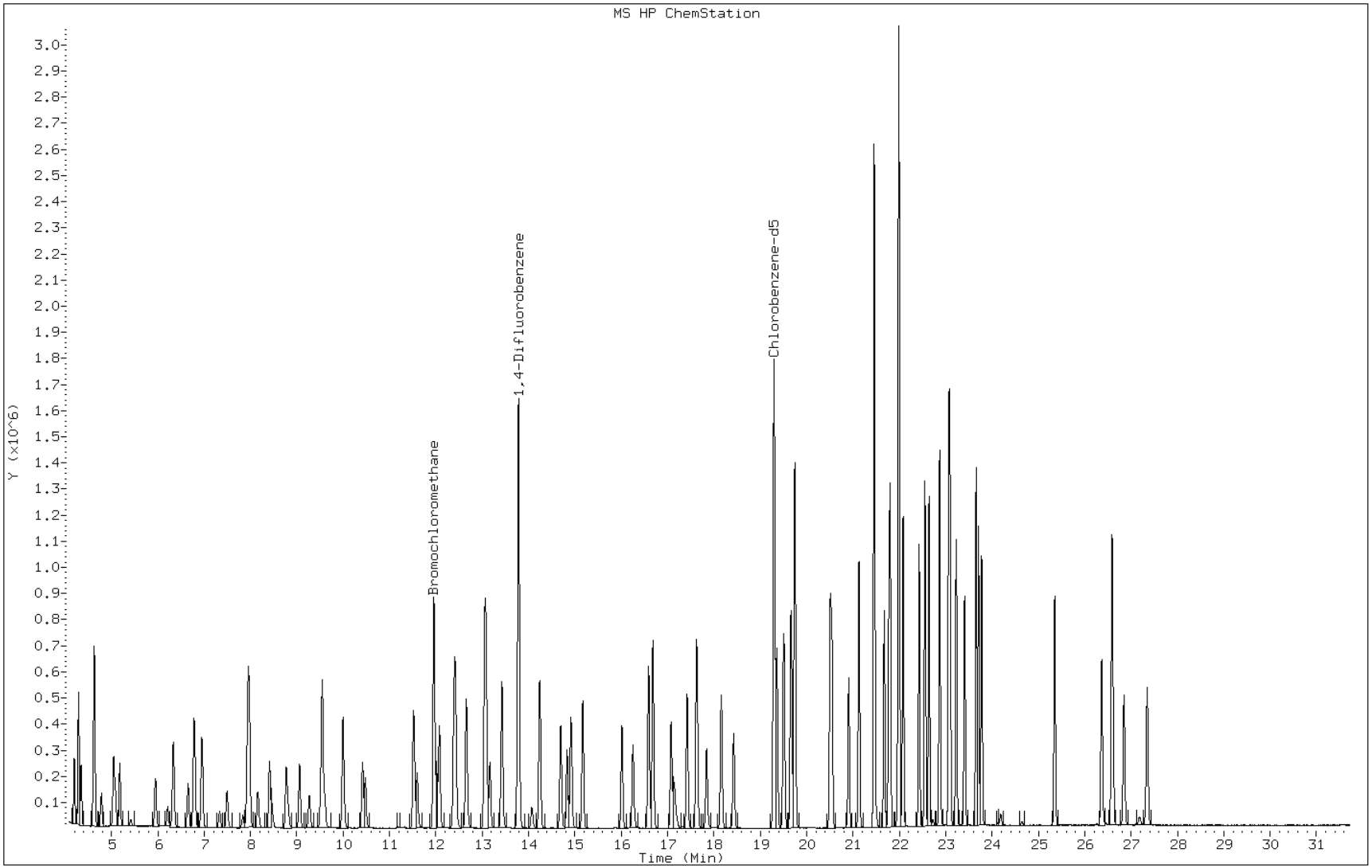
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	104228	10.0000	9.7
	16 Ethyl ether	59	7.490	7.490	(0.626)	125977	5.00000	5.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	367324	5.00000	5.1
	18 Acrolein	56	7.837	7.832	(0.655)	61759	5.00000	5.0
	19 1,1-Dichloroethene	96	7.976	7.976	(0.667)	175966	5.00000	5.1
	20 Acetone	43	8.157	8.157	(0.682)	257170	5.00000	5.7
	21 Carbon disulfide	76	8.413	8.408	(0.704)	551853	5.00000	5.2
	22 Isopropanol	45	8.467	8.461	(0.708)	168885	5.00000	5.1
	23 Allyl chloride	41	8.771	8.776	(0.734)	278693	5.00000	5.0(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	90937	5.00000	5.6(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	208264	5.00000	5.2
	26 Tert-butyl alcohol	59	9.273	9.267	(0.775)	237416	5.00000	5.0
	27 Methyl tert-butyl ether	73	9.534	9.529	(0.797)	496477	5.00000	4.9
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	296518	5.00000	5.2
	29 Acrylonitrile	53	9.603	9.609	(0.803)	125904	5.00000	5.1
	30 n-Hexane	57	9.998	9.998	(0.836)	322191	5.00000	5.2
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	369803	5.00000	5.1
	32 Vinyl acetate	43	10.479	10.479	(0.876)	415539	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				494997	10.0000	10
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	198479	5.00000	5.0
	35 Ethyl acetate	88	11.599	11.594	(0.970)	14723	5.00000	5.0
	36 Methyl Ethyl Ketone	72	11.535	11.530	(0.965)	86274	5.00000	5.1(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	329884	10.0000	
	38 Tetrahydrofuran	42	12.016	12.016	(0.872)	186285	5.00000	5.4
	39 Chloroform	83	12.074	12.074	(1.010)	434323	5.00000	5.1
	40 Cyclohexane	84	12.421	12.427	(0.901)	286673	5.00000	5.0
	41 1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	476607	5.00000	5.0
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	484642	5.00000	4.8
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	1019895	5.00000	5.3
	44 Benzene	78	13.051	13.051	(0.947)	637250	5.00000	4.8
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	299721	5.00000	5.1
	46 n-Heptane	43	13.419	13.419	(0.974)	366177	5.00000	5.2
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1930840	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	73158	5.00000	4.8(a)
	49 Trichloroethene	95	14.241	14.241	(1.033)	299858	5.00000	4.9
	50 1,2-Dichloropropane	63	14.700	14.689	(1.067)	233644	5.00000	5.1
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	188139	5.00000	5.0
	52 Dibromomethane	174	14.919	14.919	(1.082)	195932	5.00000	4.7
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	73934	5.00000	4.9(a)
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	488462	5.00000	5.1
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	359388	5.00000	5.1
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	351809	5.00000	5.3
	57 n-Octane	43	16.680	16.680	(1.210)	501700	5.00000	5.3
	58 Toluene	92	16.589	16.589	(0.860)	438113	5.00000	5.2
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	371201	5.00000	5.0
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	218433	5.00000	5.4
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	318144	5.00000	5.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	332462	5.00000	5.7
63	Dibromochloromethane	129	18.158	18.158	(0.941)	419560	5.00000	5.3
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	393643	5.00000	5.4
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1626004	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	565417	5.00000	5.2
67	n-Nonane	57	19.663	19.663	(1.019)	465009	5.00000	5.7
68	Ethylbenzene	91	19.503	19.509	(1.011)	916724	5.00000	5.2
69	Xylene (m,p)	106	19.744	19.743	(1.023)	679390	10.0000	10
M 70	Xylenes, Total	106				1015341	5.00000	16
71	Xylene (o)	106	20.512	20.512	(1.063)	335951	5.00000	5.3
72	Styrene	104	20.544	20.544	(1.065)	500163	5.00000	5.4
73	Bromoform	173	20.907	20.907	(1.084)	349756	5.00000	5.0
74	Isopropylbenzene	105	21.131	21.131	(1.095)	984146	5.00000	5.2
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	547262	5.00000	5.5
76	n-Propylbenzene	91	21.804	21.804	(1.130)	1278031	5.00000	5.5
77	1,2,3-Trichloropropane	75	21.772	21.771	(1.128)	449480	5.00000	5.6
78	n-Decane	57	21.996	21.996	(1.140)	573623	5.00000	6.2
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	1043152	5.00000	5.5
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	959758	5.00000	5.6
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	884433	5.00000	5.4
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	404558	5.00000	5.7
83	tert-butylbenzene	119	22.556	22.556	(1.169)	811383	5.00000	5.3
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	883270	5.00000	5.6
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	1259164	5.00000	5.5
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	1035047	5.00000	5.4
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	537484	5.00000	5.1
88	1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	525331	5.00000	5.2
89	Benzyl chloride	91	23.410	23.410	(1.213)	821010	5.00000	5.5
90	Undecane	57	23.709	23.709	(1.229)	519219	5.00000	6.5
91	n-Butylbenzene	91	23.655	23.655	(1.226)	1020785	5.00000	6.0
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	516221	5.00000	5.3
93	Dodecane	57	25.353	25.353	(1.314)	461629	5.00000	8.1
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	296578	5.00000	5.2
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	327332	5.00000	5.3
96	Naphthalene	128	26.847	26.847	(1.391)	673188	5.00000	5.9
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	269219	5.00000	5.9

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:	cli006.d	Date:	09-MAR-2013 18:06
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 464710		
Lab Sample ID:	ic 464710		



Manual Integration Report

Data File: cli006.d
Lab Sample ID: ic 464710
Inj. Date and Time: 09-MAR-2013 18:06
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

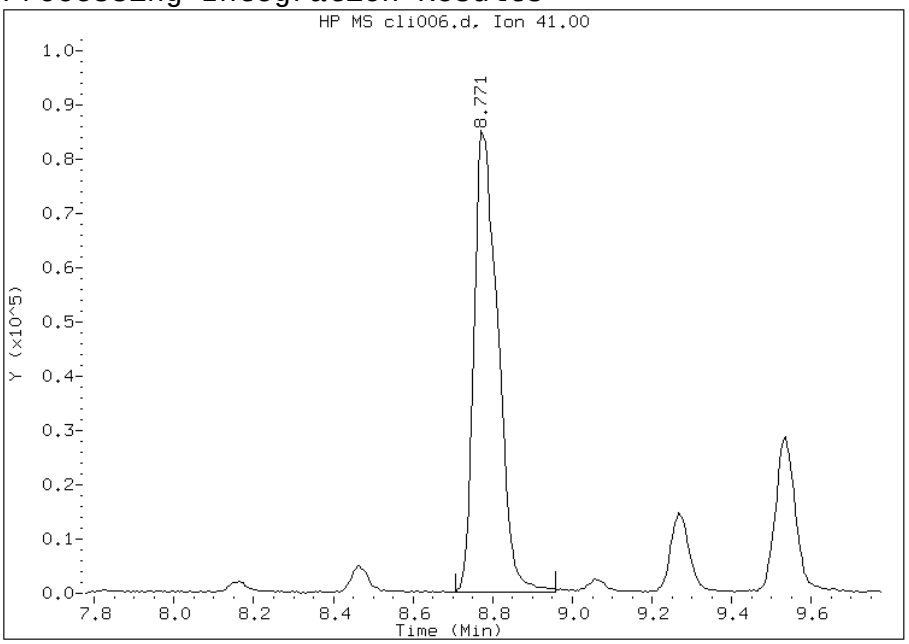
Processing Integration Results

RT: 8.77

Response: 354334

Amount: 5.07

Conc: 5.07



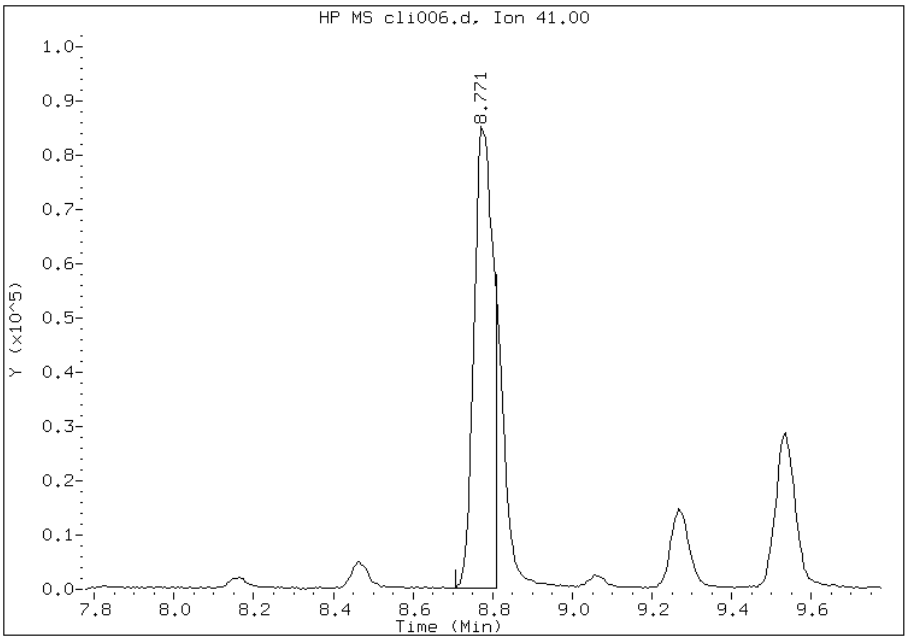
Manual Integration Results

RT: 8.77

Response: 278693

Amount: 5.01

Conc: 5.01



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli006.d
Lab Sample ID: ic 464710
Inj. Date and Time: 09-MAR-2013 18:06
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

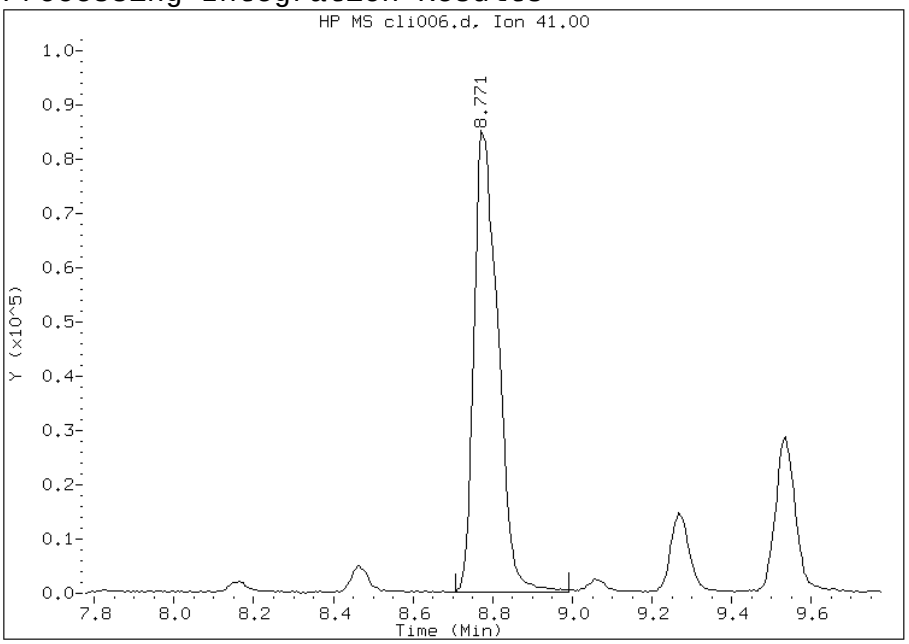
Processing Integration Results

RT: 8.77

Response: 355221

Amount: 5.54

Conc: 5.54



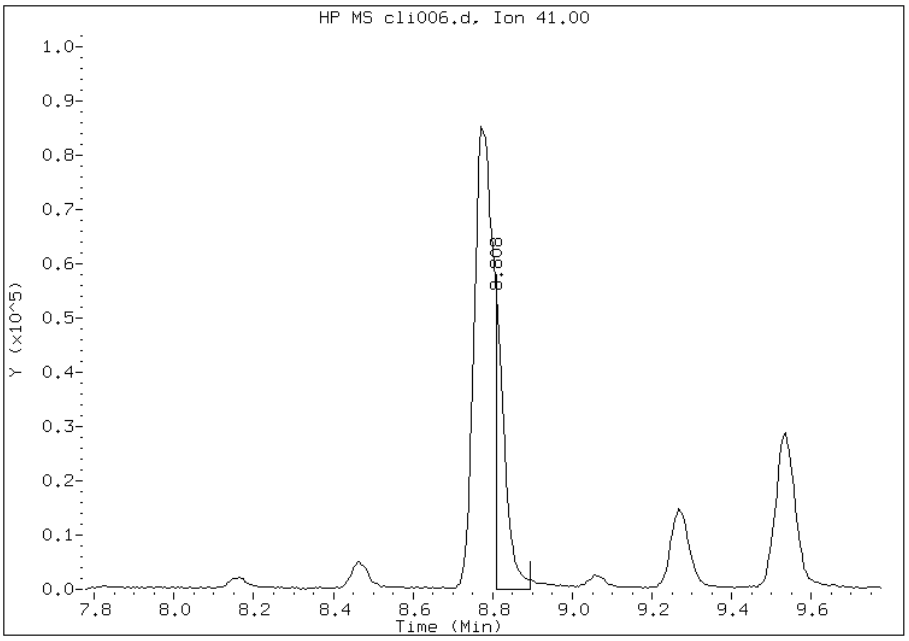
Manual Integration Results

RT: 8.81

Response: 90937

Amount: 5.60

Conc: 5.60



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli007.d
Lab Smp Id: icis 464708
Inj Date : 09-MAR-2013 18:58
Operator : pad Inst ID: C.i
Smp Info : icis 464708
Misc Info : 200,1, level 4
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 18:58 Cal File: cli007.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	4.197	4.197	(0.351)	331317	10.0000	9.7
2	Dichlorodifluoromethane	85	4.288	4.288	(0.359)	1248987	10.0000	10
3	Chlorodifluoromethane	51	4.341	4.341	(0.363)	685171	10.0000	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	1207417	10.0000	9.7
5	Chloromethane	50	4.779	4.779	(0.400)	372116	10.0000	9.9
6	Butane	43	5.046	5.046	(0.422)	631136	10.0000	10
7	Vinyl chloride	62	5.083	5.083	(0.425)	417557	10.0000	9.3
8	1,3-Butadiene	54	5.179	5.179	(0.433)	312169	10.0000	9.7
9	Bromomethane	94	5.948	5.948	(0.497)	353648	10.0000	9.5
10	Chloroethane	64	6.214	6.214	(0.520)	205803	10.0000	10
11	2-Methylbutane	43	6.332	6.332	(0.530)	489444	10.0000	10
12	Vinyl bromide	106	6.652	6.652	(0.556)	377974	10.0000	10
13	Trichlorofluoromethane	101	6.785	6.785	(0.567)	1206755	10.0000	9.9
14	Pentane	43	6.951	6.951	(0.581)	758996	10.0000	10

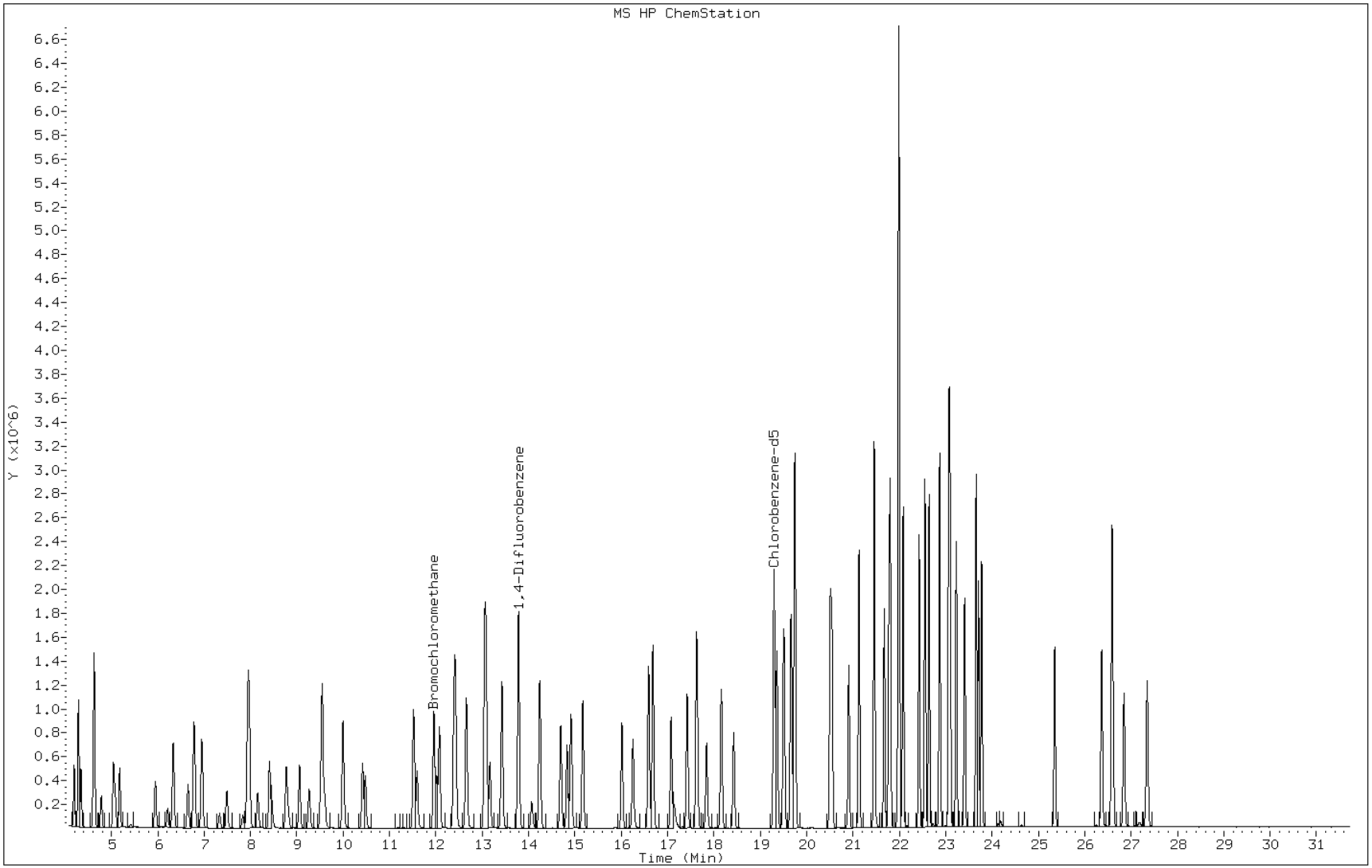
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	198086	15.0000	17
	16 Ethyl ether	59	7.490	7.490	(0.626)	278929	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	791581	10.0000	9.9
	18 Acrolein	56	7.832	7.832	(0.655)	143847	10.0000	11
	19 1,1-Dichloroethene	96	7.976	7.976	(0.667)	377388	10.0000	9.9
	20 Acetone	43	8.157	8.157	(0.682)	538103	10.0000	11
	21 Carbon disulfide	76	8.408	8.408	(0.703)	1199228	10.0000	10
	22 Isopropanol	45	8.461	8.461	(0.708)	430705	10.0000	12
	23 Allyl chloride	41	8.776	8.776	(0.734)	577090	10.0000	9.4(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	177536	10.0000	9.9(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	446557	10.0000	10
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	624428	10.0000	12
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1110840	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	645171	10.0000	10
	29 Acrylonitrile	53	9.609	9.609	(0.804)	278052	10.0000	10
	30 n-Hexane	57	9.998	9.998	(0.836)	697439	10.0000	10
	31 1,1-Dichloroethane	63	10.420	10.420	(0.871)	801048	10.0000	10
	32 Vinyl acetate	43	10.479	10.479	(0.876)	943554	10.0000	11
M	33 1,2-Dichloroethene,Total	61				1082902	20.0000	20
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	437731	10.0000	10
	35 Ethyl acetate	88	11.594	11.594	(0.970)	34009	10.0000	11
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	193808	10.0000	10
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	363637	10.0000	
	38 Tetrahydrofuran	42	12.016	12.016	(0.872)	415064	10.0000	11
	39 Chloroform	83	12.074	12.074	(1.010)	954417	10.0000	10
	40 Cyclohexane	84	12.427	12.427	(0.902)	634270	10.0000	10
	41 1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	1061745	10.0000	10
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1088377	10.0000	9.7
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	2225035	10.0000	10
	44 Benzene	78	13.051	13.051	(0.947)	1383679	10.0000	9.3
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	654050	10.0000	10
	46 n-Heptane	43	13.419	13.419	(0.974)	800575	10.0000	10
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2136717	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	199633	10.0000	12
	49 Trichloroethene	95	14.241	14.241	(1.033)	649486	10.0000	9.6
	50 1,2-Dichloropropane	63	14.689	14.689	(1.066)	511421	10.0000	10
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	442870	10.0000	11
	52 Dibromomethane	174	14.919	14.919	(1.082)	444171	10.0000	9.6
	53 1,4-Dioxane	88	14.903	14.903	(1.081)	193229	10.0000	11
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1088377	10.0000	10
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	808414	10.0000	10
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	806126	10.0000	11
	57 n-Octane	43	16.680	16.680	(1.210)	1081624	10.0000	10
	58 Toluene	92	16.589	16.589	(0.860)	959767	10.0000	9.5
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	828108	10.0000	10
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	483772	10.0000	9.9
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	730416	10.0000	9.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	759978	10.0000	11
63	Dibromochloromethane	129	18.158	18.158	(0.941)	967675	10.0000	10
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	876437	10.0000	10
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1956844	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	1260234	10.0000	9.6
67	n-Nonane	57	19.663	19.663	(1.019)	1013406	10.0000	10
68	Ethylbenzene	91	19.509	19.509	(1.011)	2062984	10.0000	9.8
69	Xylene (m,p)	106	19.743	19.743	(1.023)	1538052	20.0000	19
M 70	Xylenes, Total	106				2290892	10.0000	29
71	Xylene (o)	106	20.512	20.512	(1.063)	752840	10.0000	9.8
72	Styrene	104	20.544	20.544	(1.065)	1157855	10.0000	10
73	Bromoform	173	20.907	20.907	(1.084)	848831	10.0000	10
74	Isopropylbenzene	105	21.131	21.131	(1.095)	2241975	10.0000	9.8
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1212420	10.0000	10
76	n-Propylbenzene	91	21.804	21.804	(1.130)	2864185	10.0000	10
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	979645	10.0000	10
78	n-Decane	57	21.996	21.996	(1.140)	1222717	10.0000	11
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	2374857	10.0000	10
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	2092137	10.0000	10
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	1973771	10.0000	10
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	928608	10.0000	11
83	tert-butylbenzene	119	22.556	22.556	(1.169)	1803702	10.0000	9.7
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	1944480	10.0000	10
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	2756394	10.0000	9.9
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	2338493	10.0000	10
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1200502	10.0000	9.5
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	1174260	10.0000	9.6
89	Benzyl chloride	91	23.410	23.410	(1.213)	1820411	10.0000	10
90	Undecane	57	23.709	23.709	(1.229)	946768	10.0000	9.8
91	n-Butylbenzene	91	23.655	23.655	(1.226)	2223418	10.0000	11
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	1139140	10.0000	9.7
93	Dodecane	57	25.353	25.353	(1.314)	791600	10.0000	12
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	714106	10.0000	10
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	762566	10.0000	10
96	Naphthalene	128	26.847	26.847	(1.391)	1527507	10.0000	11
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	639525	10.0000	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cli007.d	Date:	09-MAR-2013 18:58
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icis 464708		
Lab Sample ID:	icis 464708		



Manual Integration Report

Data File: cli007.d
Lab Sample ID: icis 464708
Inj. Date and Time: 09-MAR-2013 18:58
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

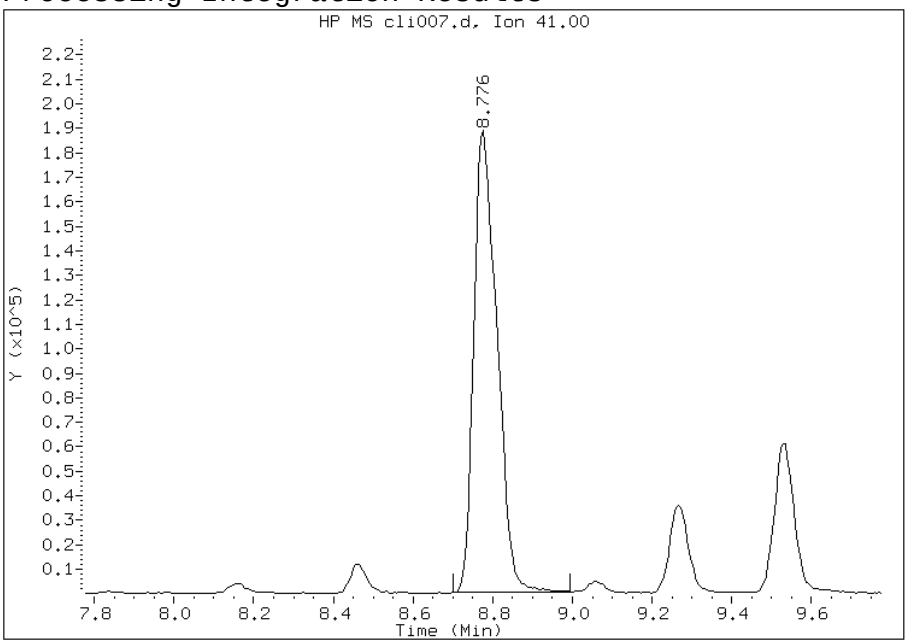
Processing Integration Results

RT: 8.78

Response: 761058

Amount: 9.88

Conc: 9.88



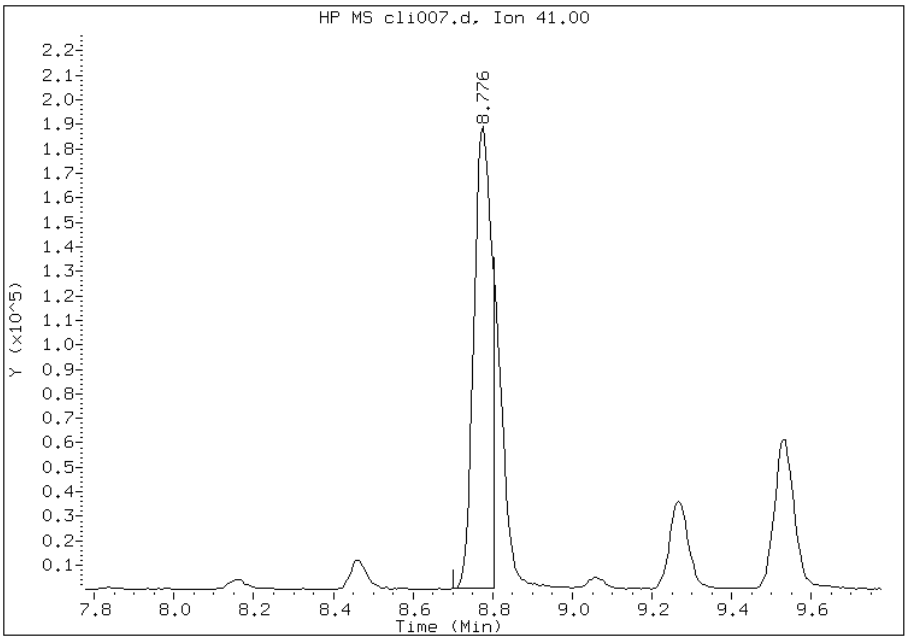
Manual Integration Results

RT: 8.78

Response: 577090

Amount: 9.41

Conc: 9.41



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli007.d
Lab Sample ID: icis 464708
Inj. Date and Time: 09-MAR-2013 18:58
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

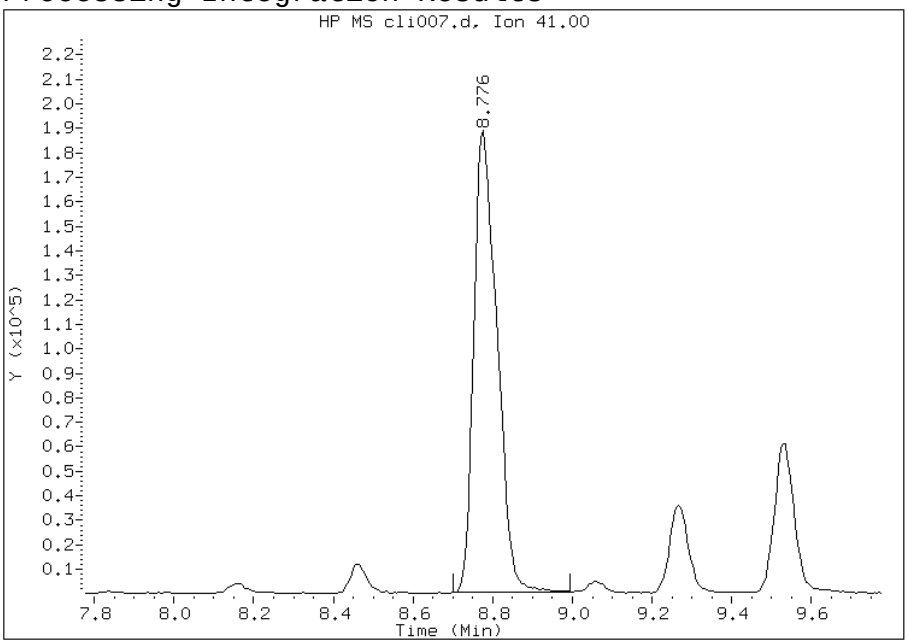
Processing Integration Results

RT: 8.78

Response: 761058

Amount: 10.78

Conc: 10.78



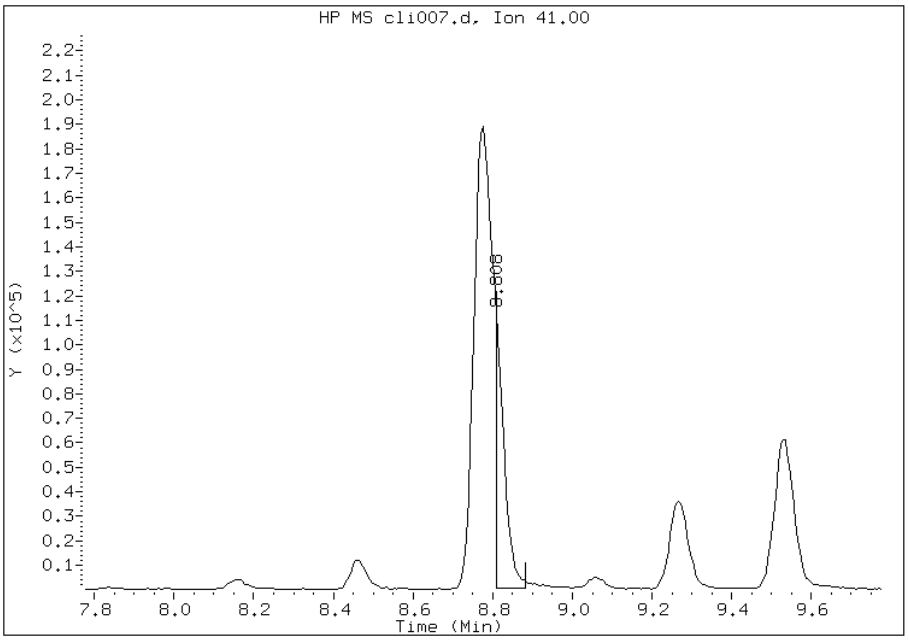
Manual Integration Results

RT: 8.81

Response: 177536

Amount: 9.92

Conc: 9.92



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli008.d
Lab Smp Id: ic 463738
Inj Date : 09-MAR-2013 19:51
Operator : pad Inst ID: C.i
Smp Info : ic 463738
Misc Info : 200,1, level 5
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 19:51 Cal File: cli008.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.192	4.197	(0.351)	487281	15.0000	14
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	1884517	15.0000	15
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	1014974	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	1830303	15.0000	14
5 Chloromethane	50	4.779	4.779	(0.400)	550232	15.0000	14
6 Butane	43	5.040	5.046	(0.422)	948426	15.0000	15
7 Vinyl chloride	62	5.078	5.083	(0.425)	634401	15.0000	14
8 1,3-Butadiene	54	5.174	5.179	(0.433)	464906	15.0000	14
9 Bromomethane	94	5.948	5.948	(0.497)	535246	15.0000	14
10 Chloroethane	64	6.209	6.214	(0.519)	301566	15.0000	15
11 2-Methylbutane	43	6.332	6.332	(0.530)	720349	15.0000	15
12 Vinyl bromide	106	6.647	6.652	(0.556)	562139	15.0000	15
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	1832411	15.0000	15
14 Pentane	43	6.946	6.951	(0.581)	1123807	15.0000	15

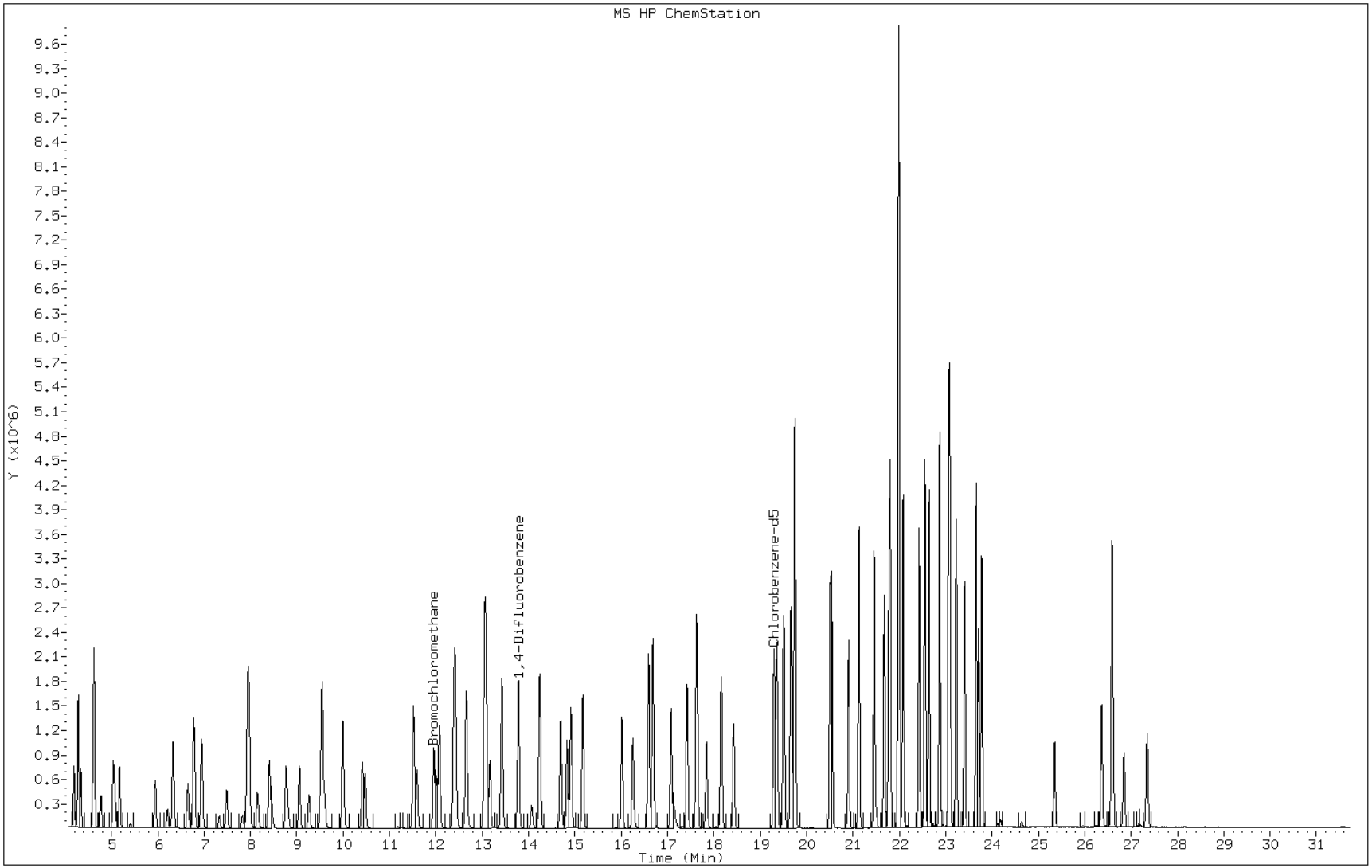
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	249278	20.0000	21
	16 Ethyl ether	59	7.485	7.490	(0.626)	417446	15.0000	15
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	1189767	15.0000	15
	18 Acrolein	56	7.826	7.832	(0.655)	223852	15.0000	16
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	570574	15.0000	15
	20 Acetone	43	8.152	8.157	(0.682)	814561	15.0000	16
	21 Carbon disulfide	76	8.408	8.408	(0.703)	1805595	15.0000	15
	22 Isopropanol	45	8.461	8.461	(0.708)	569850	15.0000	15
	23 Allyl chloride	41	8.771	8.776	(0.734)	879953	15.0000	14(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	238033	15.0000	13(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	651260	15.0000	14
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	800484	15.0000	15
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1688105	15.0000	15
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	960274	15.0000	15
	29 Acrylonitrile	53	9.603	9.609	(0.803)	427755	15.0000	16
	30 n-Hexane	57	9.993	9.998	(0.836)	1039818	15.0000	15
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	1185863	15.0000	15
	32 Vinyl acetate	43	10.479	10.479	(0.876)	1442073	15.0000	16
M	33 1,2-Dichloroethene,Total	61				1624008	30.0000	30
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	663734	15.0000	15
	35 Ethyl acetate	88	11.599	11.594	(0.970)	51499	15.0000	16
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	294248	15.0000	15
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	369921	10.0000	
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	618108	15.0000	16
	39 Chloroform	83	12.074	12.074	(1.010)	1433226	15.0000	15
	40 Cyclohexane	84	12.421	12.427	(0.901)	972543	15.0000	15
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	1613903	15.0000	15
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1687331	15.0000	15
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	3344921	15.0000	15
	44 Benzene	78	13.051	13.051	(0.947)	2073964	15.0000	14
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	981060	15.0000	15
	46 n-Heptane	43	13.419	13.419	(0.974)	1189083	15.0000	15
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2171475	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.021)	254775	15.0000	15
	49 Trichloroethene	95	14.241	14.241	(1.033)	994688	15.0000	14
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	781008	15.0000	15
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	686578	15.0000	16
	52 Dibromomethane	174	14.919	14.919	(1.082)	711277	15.0000	15
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	268341	15.0000	16
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1664502	15.0000	16
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	1258598	15.0000	16
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	1197258	15.0000	16
	57 n-Octane	43	16.680	16.680	(1.210)	1622708	15.0000	15
	58 Toluene	92	16.589	16.589	(0.860)	1507371	15.0000	15
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	1308978	15.0000	16
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	756070	15.0000	15
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	1182544	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	1112574	15.0000	16
63	Dibromochloromethane	129	18.158	18.158	(0.941)	1556127	15.0000	16
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	1396118	15.0000	15
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	2015345	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	2006801	15.0000	15
67	n-Nonane	57	19.663	19.663	(1.019)	1535759	15.0000	15
68	Ethylbenzene	91	19.503	19.509	(1.011)	3235525	15.0000	15
69	Xylene (m,p)	106	19.743	19.743	(1.023)	2487539	30.0000	30
M 70	Xylenes, Total	106				3676799	15.0000	45
71	Xylene (o)	106	20.512	20.512	(1.063)	1189260	15.0000	15
72	Styrene	104	20.544	20.544	(1.065)	1826124	15.0000	16
73	Bromoform	173	20.907	20.907	(1.084)	1445853	15.0000	17
74	Isopropylbenzene	105	21.131	21.131	(1.095)	3568568	15.0000	15
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1875029	15.0000	15
76	n-Propylbenzene	91	21.803	21.804	(1.130)	4466777	15.0000	16
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	1512867	15.0000	15
78	n-Decane	57	21.996	21.996	(1.140)	1689080	15.0000	15
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	3715691	15.0000	16
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	3226988	15.0000	15
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	3048408	15.0000	15
82	Alpha Methyl Styrene	118	22.423	22.428	(1.162)	1389063	15.0000	16
83	tert-butylbenzene	119	22.556	22.556	(1.169)	2877394	15.0000	15
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	2910542	15.0000	15
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	4283815	15.0000	15
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	3672318	15.0000	15
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1929469	15.0000	15
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	1847109	15.0000	15
89	Benzyl chloride	91	23.410	23.410	(1.213)	2869280	15.0000	16
90	Undecane	57	23.709	23.709	(1.229)	1107196	15.0000	11
91	n-Butylbenzene	91	23.655	23.655	(1.226)	3163412	15.0000	15
92	1,2-Dichlorobenzene	146	23.773	23.778	(1.232)	1737000	15.0000	14
93	Dodecane	57	25.353	25.353	(1.314)	544568	15.0000	7.7
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	736341	15.0000	10
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	1084197	15.0000	14
96	Naphthalene	128	26.847	26.847	(1.391)	1268372	15.0000	8.9
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	618561	15.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cli008.d	Date:	09-MAR-2013 19:51
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463738		
Lab Sample ID:	ic 463738		



Manual Integration Report

Data File: cli008.d
Lab Sample ID: ic 463738
Inj. Date and Time: 09-MAR-2013 19:51
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

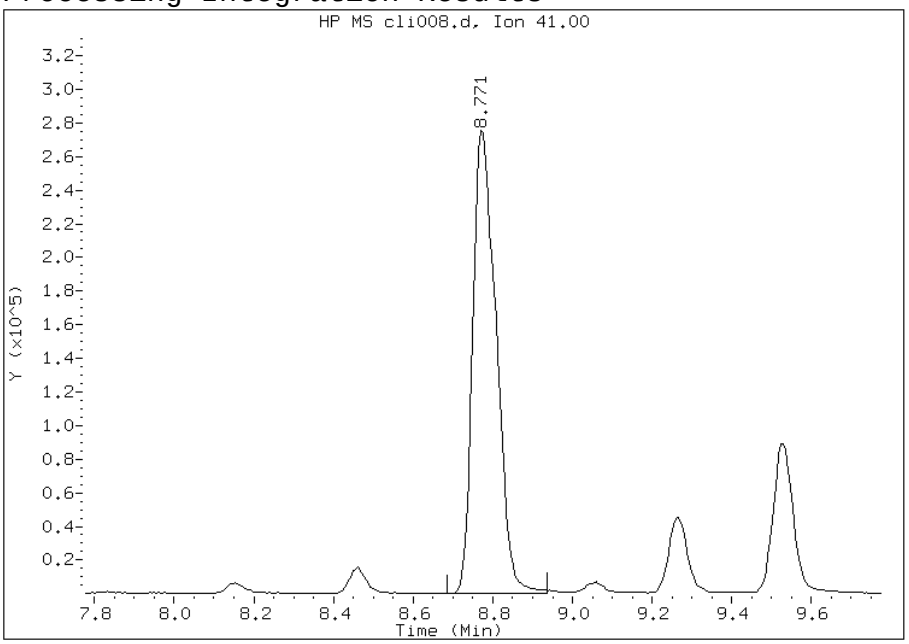
Processing Integration Results

RT: 8.77

Response: 1123371

Amount: 14.34

Conc: 14.34



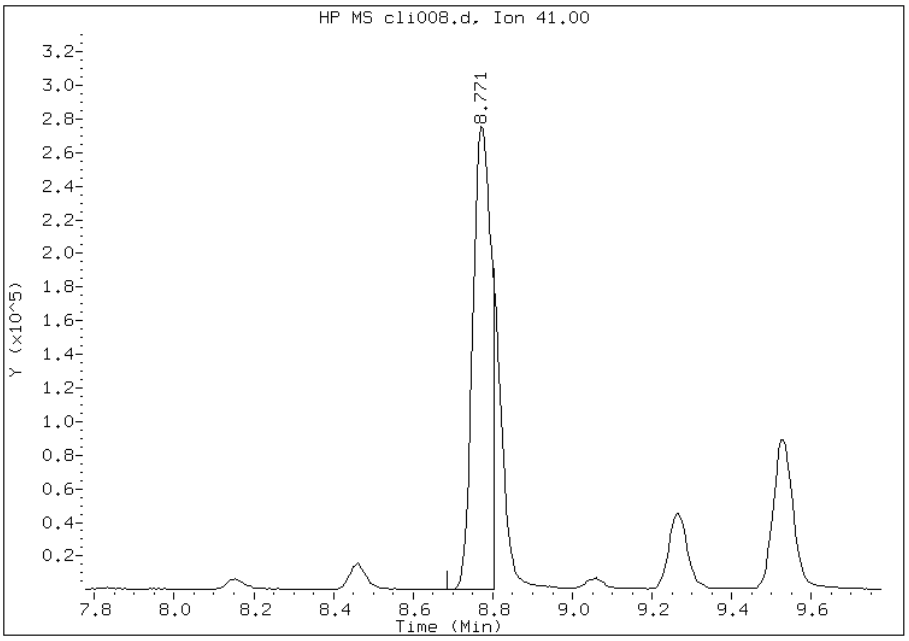
Manual Integration Results

RT: 8.77

Response: 879953

Amount: 14.10

Conc: 14.10



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli008.d
Lab Sample ID: ic 463738
Inj. Date and Time: 09-MAR-2013 19:51
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

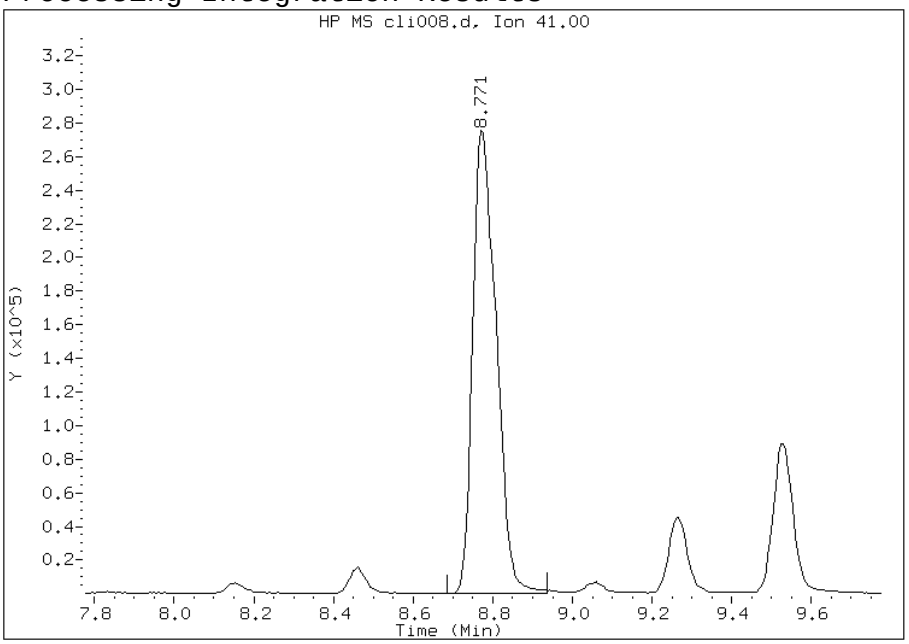
Processing Integration Results

RT: 8.77

Response: 1123371

Amount: 15.64

Conc: 15.64



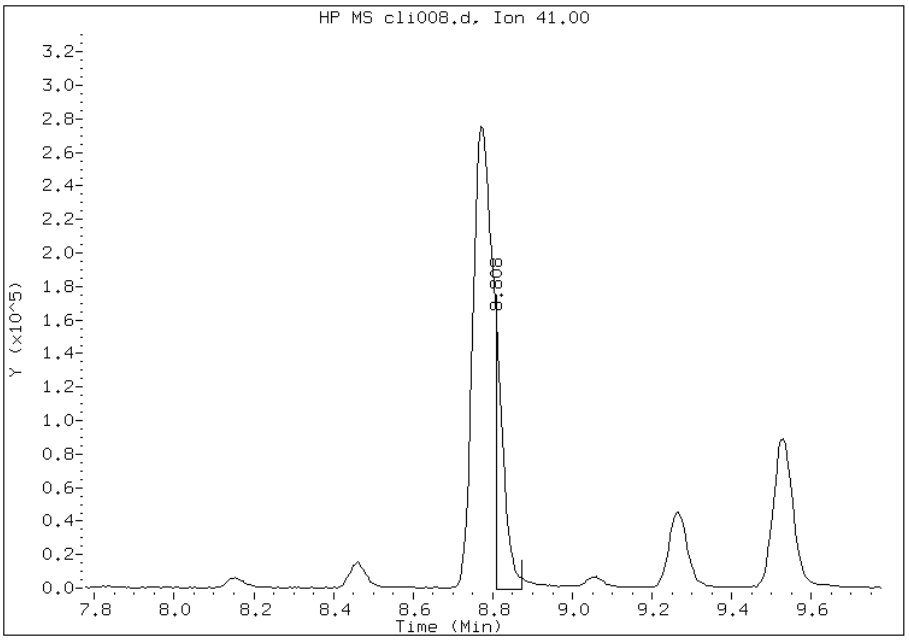
Manual Integration Results

RT: 8.81

Response: 238033

Amount: 13.08

Conc: 13.08



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli009.d
Lab Smp Id: ic 463737
Inj Date : 09-MAR-2013 20:44
Operator : pad Inst ID: C.i
Smp Info : ic 463737
Misc Info : 200,1, level 6
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 20:44 Cal File: cli009.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.197	4.197	(0.351)	658213	20.0000	17
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	2638063	20.0000	18
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	1409348	20.0000	18
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	2587539	20.0000	18
5 Chloromethane	50	4.779	4.779	(0.400)	759946	20.0000	17
6 Butane	43	5.040	5.046	(0.422)	1251114	20.0000	17
7 Vinyl chloride	62	5.078	5.083	(0.425)	861503	20.0000	16
8 1,3-Butadiene	54	5.174	5.179	(0.433)	636010	20.0000	17
9 Bromomethane	94	5.947	5.948	(0.497)	752513	20.0000	17
10 Chloroethane	64	6.214	6.214	(0.520)	420235	20.0000	18
11 2-Methylbutane	43	6.326	6.332	(0.529)	989190	20.0000	18
12 Vinyl bromide	106	6.647	6.652	(0.556)	797695	20.0000	18
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	2567633	20.0000	18
14 Pentane	43	6.951	6.951	(0.581)	1514901	20.0000	18

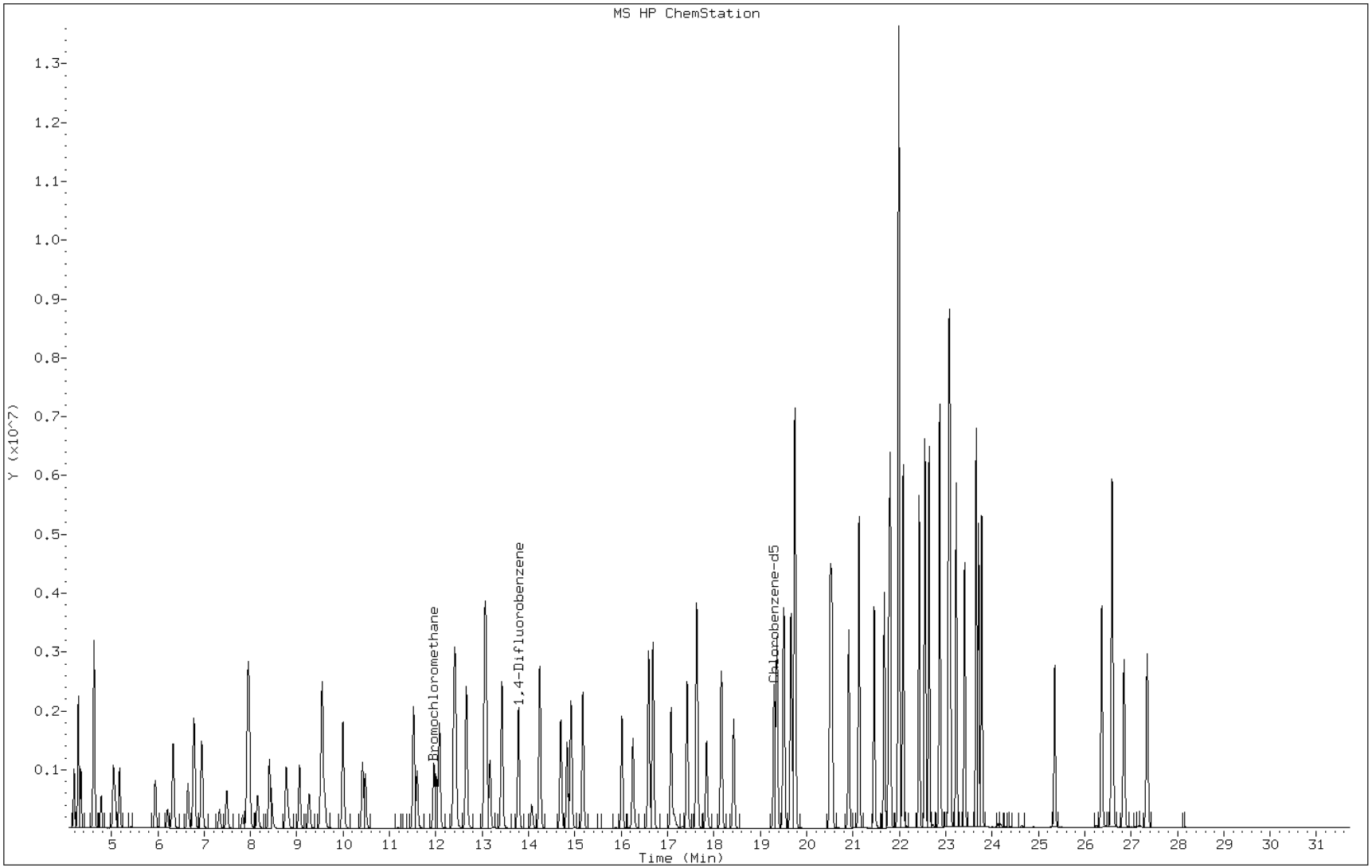
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.330	(0.613)	516285	40.0000	37
	16 Ethyl ether	59	7.490	7.490	(0.626)	577480	20.0000	18
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.943	7.944	(0.664)	1691139	20.0000	18
	18 Acrolein	56	7.826	7.832	(0.655)	304275	20.0000	19
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	819379	20.0000	18
	20 Acetone	43	8.152	8.157	(0.682)	1037511	20.0000	18
	21 Carbon disulfide	76	8.408	8.408	(0.703)	2542597	20.0000	19
	22 Isopropanol	45	8.461	8.461	(0.708)	792045	20.0000	19
	23 Allyl chloride	41	8.771	8.776	(0.734)	1264304	20.0000	18(M)
	24 Acetonitrile	41	8.803	8.776	(0.736)	422172	20.0000	20(QM)
	25 Methylene chloride	49	9.059	9.059	(0.758)	894689	20.0000	17
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	1154530	20.0000	19
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	2385748	20.0000	18
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	1318819	20.0000	18
	29 Acrylonitrile	53	9.603	9.609	(0.803)	588174	20.0000	19
	30 n-Hexane	57	9.998	9.998	(0.836)	1437599	20.0000	18
	31 1,1-Dichloroethane	63	10.414	10.420	(0.871)	1666908	20.0000	18
	32 Vinyl acetate	43	10.479	10.479	(0.876)	1960445	20.0000	19
M	33 1,2-Dichloroethene,Total	61				2272473	40.0000	37
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	953654	20.0000	19
	35 Ethyl acetate	88	11.599	11.594	(0.970)	74405	20.0000	20
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	401662	20.0000	18(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	424260	10.0000	
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	829734	20.0000	19
	39 Chloroform	83	12.074	12.074	(1.010)	2048963	20.0000	19
	40 Cyclohexane	84	12.421	12.427	(0.901)	1388537	20.0000	19
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	2311812	20.0000	19
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	2448768	20.0000	19
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	4564079	20.0000	18
	44 Benzene	78	13.051	13.051	(0.947)	2946227	20.0000	17
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	1375097	20.0000	18
	46 n-Heptane	43	13.424	13.419	(0.974)	1598806	20.0000	18
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2471160	10.0000	
	48 n-Butanol	56	14.065	14.070	(1.021)	367745	20.0000	19
	49 Trichloroethene	95	14.241	14.241	(1.033)	1445354	20.0000	18
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	1093527	20.0000	19
	51 Methyl methacrylate	69	14.833	14.828	(1.076)	951000	20.0000	20
	52 Dibromomethane	174	14.919	14.919	(1.082)	1113792	20.0000	21
	53 1,4-Dioxane	88	14.897	14.903	(1.081)	371934	20.0000	19
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	2377565	20.0000	20
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	1785652	20.0000	20
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	1617146	20.0000	19
	57 n-Octane	43	16.680	16.680	(1.210)	2157292	20.0000	18
	58 Toluene	92	16.589	16.589	(0.860)	2184066	20.0000	18
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	1858260	20.0000	20
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	1074261	20.0000	18
	61 Tetrachloroethene	166	17.630	17.630	(0.913)	1809556	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	1536906	20.0000	19
63	Dibromochloromethane	129	18.158	18.158	(0.941)	2334083	20.0000	21
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	2041868	20.0000	20
* 65	Chlorobenzene-d5	117	19.300	19.295	(1.000)	2331233	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	3007981	20.0000	19
67	n-Nonane	57	19.663	19.663	(1.019)	2092659	20.0000	18
68	Ethylbenzene	91	19.509	19.509	(1.011)	4717926	20.0000	19
69	Xylene (m,p)	106	19.743	19.743	(1.023)	3675728	40.0000	39
M 70	Xylenes, Total	106				5452044	20.0000	58
71	Xylene (o)	106	20.512	20.512	(1.063)	1776316	20.0000	19
72	Styrene	104	20.544	20.544	(1.064)	2809834	20.0000	21
73	Bromoform	173	20.907	20.907	(1.083)	2225749	20.0000	22
74	Isopropylbenzene	105	21.131	21.131	(1.095)	5275716	20.0000	19
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	2652862	20.0000	19
76	n-Propylbenzene	91	21.803	21.804	(1.130)	6469815	20.0000	19
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	2089573	20.0000	18
78	n-Decane	57	22.001	21.996	(1.140)	2317599	20.0000	17
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	5358585	20.0000	20
80	2-Chlorotoluene	91	21.990	21.990	(1.139)	4534247	20.0000	18
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	4664234	20.0000	20
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	2292471	20.0000	22
83	tert-butylbenzene	119	22.556	22.556	(1.169)	4393558	20.0000	20
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	4644310	20.0000	20
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	6553731	20.0000	20
86	4-Isopropyltoluene	119	23.068	23.068	(1.195)	5827765	20.0000	21
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	3179148	20.0000	21
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	3084419	20.0000	21
89	Benzyl chloride	91	23.410	23.410	(1.213)	4369016	20.0000	21
90	Undecane	57	23.709	23.709	(1.228)	2357688	20.0000	20
91	n-Butylbenzene	91	23.661	23.655	(1.226)	5131193	20.0000	21
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	2942279	20.0000	21
93	Dodecane	57	25.352	25.353	(1.314)	1439151	20.0000	18
94	1,2,4-Trichlorobenzene	180	26.366	26.367	(1.366)	1945070	20.0000	24
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	1933277	20.0000	22
96	Naphthalene	128	26.847	26.847	(1.391)	4036338	20.0000	25
97	1,2,3-Trichlorobenzene	180	27.343	27.349	(1.417)	1670031	20.0000	25

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cli009.d	Date:	09-MAR-2013 20:44
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463737		
Lab Sample ID:	ic 463737		



Manual Integration Report

Data File: cli009.d
Lab Sample ID: ic 463737
Inj. Date and Time: 09-MAR-2013 20:44
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

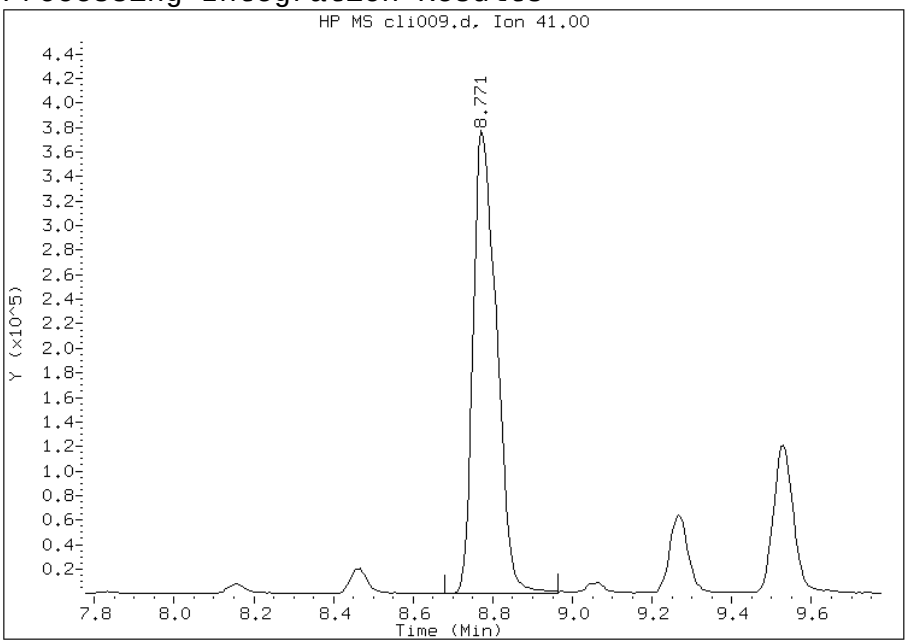
Processing Integration Results

RT: 8.77

Response: 1541946

Amount: 17.16

Conc: 17.16



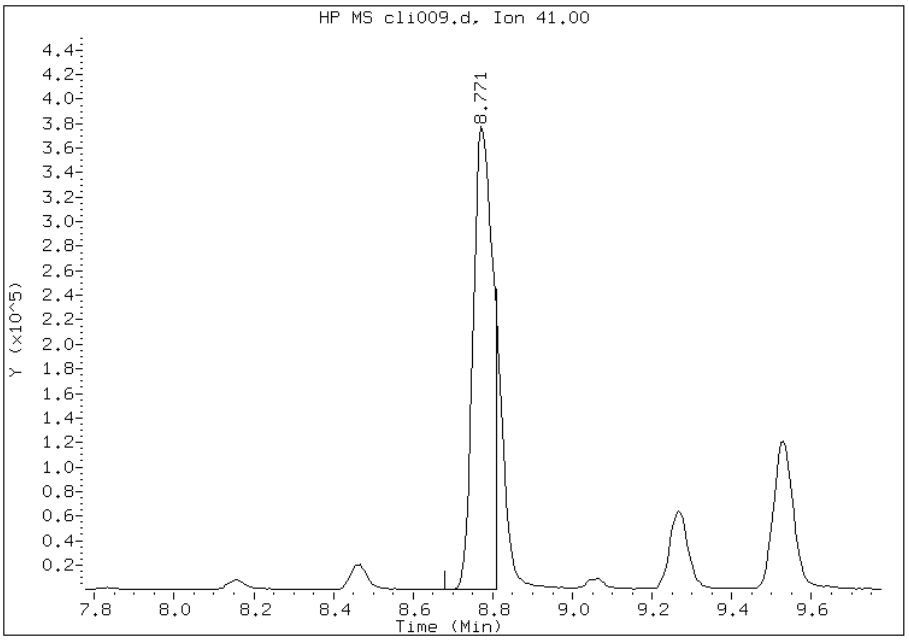
Manual Integration Results

RT: 8.77

Response: 1264304

Amount: 17.66

Conc: 17.66



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli009.d
Lab Sample ID: ic 463737
Inj. Date and Time: 09-MAR-2013 20:44
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

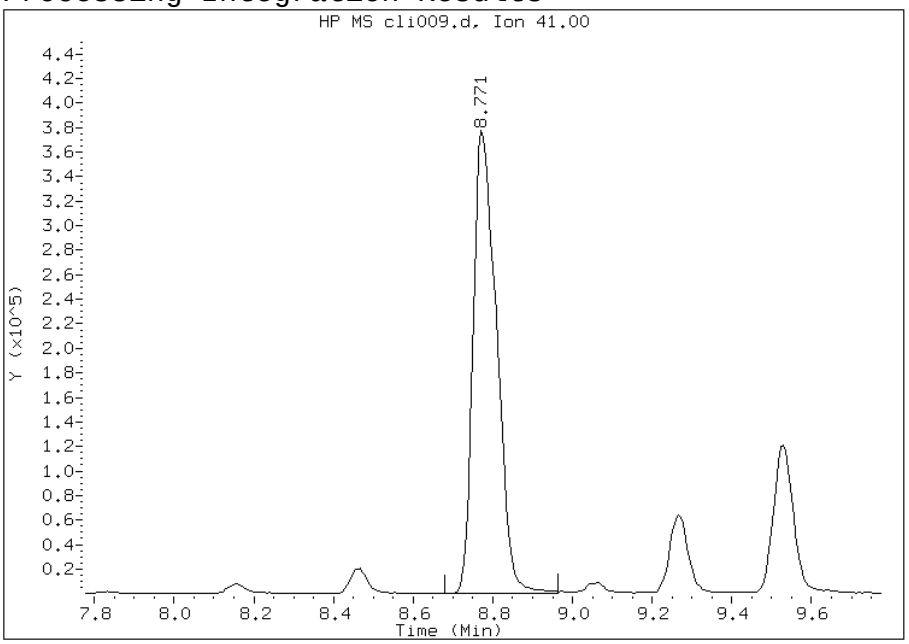
Processing Integration Results

RT: 8.77

Response: 1541946

Amount: 18.71

Conc: 18.71



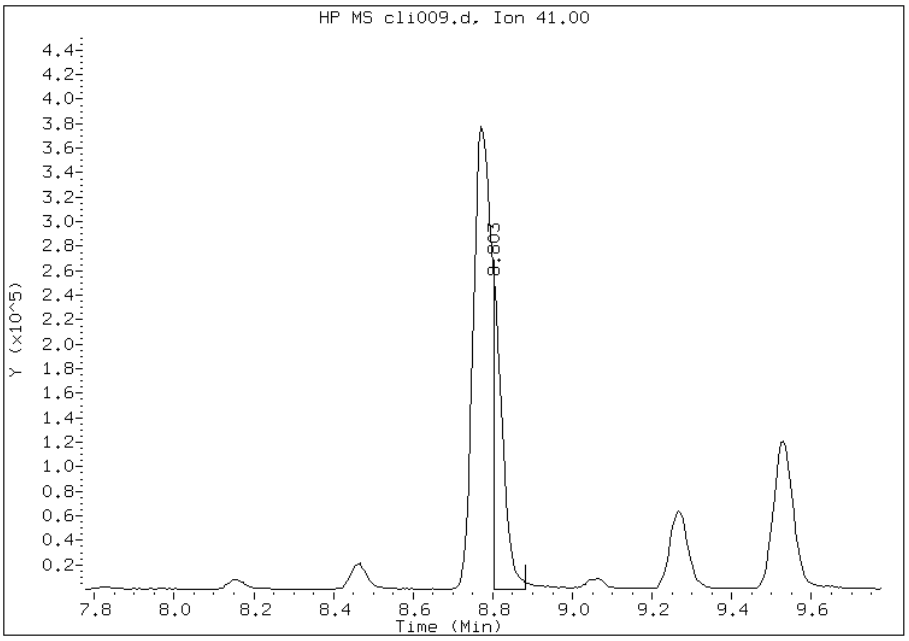
Manual Integration Results

RT: 8.80

Response: 422172

Amount: 20.22

Conc: 20.22



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli010.d
Lab Smp Id: ic 463735
Inj Date : 09-MAR-2013 21:37
Operator : pad Inst ID: C.i
Smp Info : ic 463735
Misc Info : 200,1, level 7
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.197	4.197	(0.351)	1270106	40.0000	29
2 Dichlorodifluoromethane	85	4.288	4.288	(0.358)	5470247	40.0000	35
3 Chlorodifluoromethane	51	4.341	4.341	(0.363)	2809375	40.0000	33
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.624	4.624	(0.387)	5379478	40.0000	34
5 Chloromethane	50	4.779	4.779	(0.399)	1522038	40.0000	32
6 Butane	43	5.046	5.046	(0.422)	2466572	40.0000	31
7 Vinyl chloride	62	5.083	5.083	(0.425)	1775220	40.0000	31
8 1,3-Butadiene	54	5.179	5.179	(0.433)	1289117	40.0000	32
9 Bromomethane	94	5.948	5.948	(0.497)	1558631	40.0000	33
10 Chloroethane	64	6.215	6.214	(0.520)	852986	40.0000	34
11 2-Methylbutane	43	6.332	6.332	(0.529)	1892142	40.0000	31
12 Vinyl bromide	106	6.652	6.652	(0.556)	1736536	40.0000	36
13 Trichlorofluoromethane	101	6.786	6.785	(0.567)	5447038	40.0000	35
14 Pentane	43	6.951	6.951	(0.581)	2936653	40.0000	31

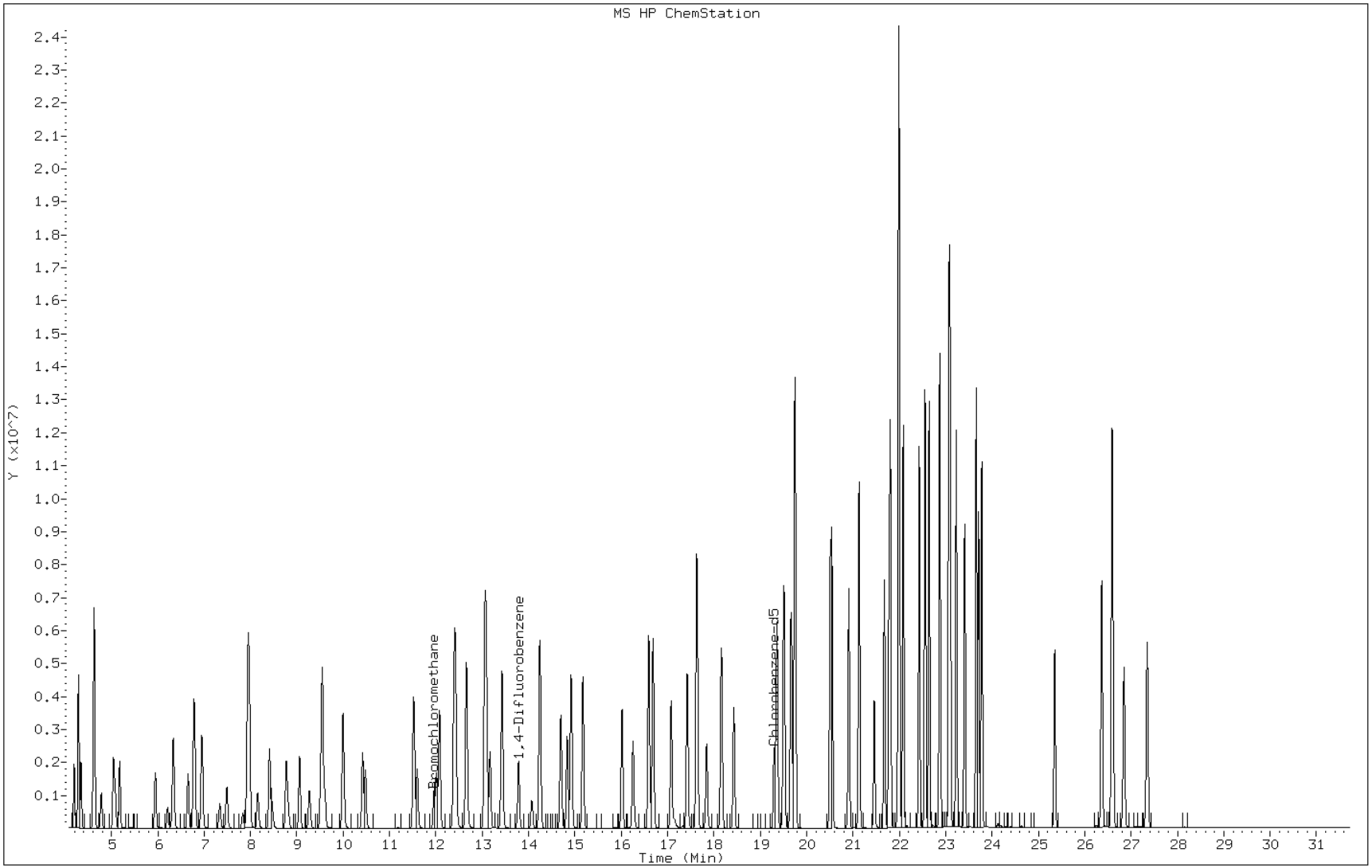
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.335	7.330	(0.613)	1237666	100.000	82
	16 Ethyl ether	59	7.490	7.490	(0.626)	1138402	40.0000	32
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	3591251	40.0000	35
	18 Acrolein	56	7.832	7.832	(0.655)	626785	40.0000	36
	19 1,1-Dichloroethene	96	7.976	7.976	(0.667)	1735884	40.0000	36
	20 Acetone	43	8.157	8.157	(0.682)	1983180	40.0000	31
	21 Carbon disulfide	76	8.408	8.408	(0.703)	5355636	40.0000	36
	22 Isopropanol	45	8.467	8.461	(0.708)	1490974	40.0000	32
	23 Allyl chloride	41	8.776	8.776	(0.734)	2405104	40.0000	31(M)
	24 Acetonitrile	41	8.803	8.776	(0.736)	916498	40.0000	40(AQM)
	25 Methylene chloride	49	9.059	9.059	(0.757)	1776751	40.0000	31
	26 Tert-butyl alcohol	59	9.273	9.267	(0.775)	2298547	40.0000	34
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	4683028	40.0000	33
	28 1,2-Dichloroethene (trans)	61	9.555	9.550	(0.799)	2641753	40.0000	33
	29 Acrylonitrile	53	9.609	9.609	(0.803)	1175704	40.0000	34
	30 n-Hexane	57	9.998	9.998	(0.836)	2867680	40.0000	33
	31 1,1-Dichloroethane	63	10.420	10.420	(0.871)	3405056	40.0000	34
	32 Vinyl acetate	43	10.484	10.479	(0.876)	3804887	40.0000	34
M	33 1,2-Dichloroethene,Total	61				4650830	80.0000	69
	34 1,2-Dichloroethene (cis)	96	11.519	11.514	(0.963)	2009077	40.0000	36
	35 Ethyl acetate	88	11.599	11.594	(0.970)	151721	40.0000	37(Q)
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	770517	40.0000	32(Q)
*	37 Bromochloromethane	128	11.962	11.957	(1.000)	463511	10.0000	(Q)
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	1552146	40.0000	34
	39 Chloroform	83	12.080	12.074	(1.010)	4266582	40.0000	35
	40 Cyclohexane	84	12.427	12.427	(0.901)	2850564	40.0000	37
	41 1,1,1-Trichloroethane	97	12.395	12.395	(0.899)	4857441	40.0000	38
	42 Carbon tetrachloride	117	12.662	12.656	(0.918)	5285128	40.0000	39
	43 2,2,4-Trimethylpentane	57	13.083	13.078	(0.949)	8696287	40.0000	33
	44 Benzene	78	13.051	13.051	(0.947)	5784551	40.0000	32
	45 1,2-Dichloroethane	62	13.169	13.168	(0.955)	2782007	40.0000	35
	46 n-Heptane	43	13.425	13.419	(0.974)	2998685	40.0000	32
*	47 1,4-Difluorobenzene	114	13.788	13.782	(1.000)	2584784	10.0000	
	48 n-Butanol	56	14.070	14.070	(1.020)	779915	40.0000	38
	49 Trichloroethene	95	14.241	14.241	(1.033)	3007896	40.0000	37
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	2070155	40.0000	34
	51 Methyl methacrylate	69	14.834	14.828	(1.076)	1855779	40.0000	37
	52 Dibromomethane	174	14.919	14.919	(1.082)	2599404	40.0000	46(AQ)
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	721460	40.0000	35
	54 Bromodichloromethane	83	15.170	15.170	(1.100)	4839330	40.0000	38
	55 1,3-Dichloropropene (cis)	75	16.018	16.013	(1.162)	3484006	40.0000	37
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	2777100	40.0000	31
	57 n-Octane	43	16.686	16.680	(1.210)	3829915	40.0000	30
	58 Toluene	92	16.595	16.589	(0.860)	4308219	40.0000	35
	59 1,3-Dichloropropene (trans)	75	17.080	17.075	(1.239)	3638785	40.0000	37
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	2059239	40.0000	35
	61 Tetrachloroethene	166	17.630	17.630	(0.913)	4174075	40.0000	45(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.838	(0.924)	2623285	40.0000	31
63	Dibromochloromethane	129	18.164	18.158	(0.941)	4921583	40.0000	42(A)
64	1,2-Dibromoethane	107	18.431	18.425	(0.955)	4075664	40.0000	38
* 65	Chlorobenzene-d5	117	19.301	19.295	(1.000)	2387950	10.0000	
66	Chlorobenzene	112	19.359	19.354	(1.003)	6078460	40.0000	38
67	n-Nonane	57	19.664	19.663	(1.019)	3810205	40.0000	32
68	Ethylbenzene	91	19.509	19.509	(1.011)	9469161	40.0000	37
69	Xylene (m,p)	106	19.749	19.743	(1.023)	7466920	80.0000	77
M 70	Xylenes, Total	106				11057516	40.0000	120
71	Xylene (o)	106	20.512	20.512	(1.063)	3590596	40.0000	38
72	Styrene	104	20.544	20.544	(1.064)	5807466	40.0000	43(A)
73	Bromoform	173	20.907	20.907	(1.083)	5069095	40.0000	49(A)
74	Isopropylbenzene	105	21.131	21.131	(1.095)	10993640	40.0000	40
75	1,1,2,2-Tetrachloroethane	83	21.676	21.675	(1.123)	5110861	40.0000	35
76	n-Propylbenzene	91	21.804	21.804	(1.130)	12730075	40.0000	37
77	1,2,3-Trichloropropane	75	21.777	21.771	(1.128)	3932885	40.0000	34
78	n-Decane	57	22.001	21.996	(1.140)	3648252	40.0000	27
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	10648317	40.0000	38
80	2-Chlorotoluene	91	21.990	21.990	(1.139)	8536224	40.0000	34
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	9638214	40.0000	40(A)
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	4889984	40.0000	47(A)
83	tert-butylbenzene	119	22.556	22.556	(1.169)	9387260	40.0000	41(A)
84	1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	9634193	40.0000	41(A)
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	13627904	40.0000	40(A)
86	4-Isopropyltoluene	119	23.069	23.068	(1.195)	12280576	40.0000	43(A)
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	7096676	40.0000	46(A)
88	1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	6962840	40.0000	47(A)
89	Benzyl chloride	91	23.410	23.410	(1.213)	9130193	40.0000	42(A)
90	Undecane	57	23.709	23.709	(1.228)	4513494	40.0000	38
91	n-Butylbenzene	91	23.661	23.655	(1.226)	10284567	40.0000	41(A)
92	1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	6567485	40.0000	46(A)
93	Dodecane	57	25.353	25.353	(1.314)	2799731	40.0000	33
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	4196039	40.0000	50(A)
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	4314269	40.0000	48(A)
96	Naphthalene	128	26.847	26.847	(1.391)	7230213	40.0000	43(A)
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	3440302	40.0000	51(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cli010.d	Date:	09-MAR-2013 21:37
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 463735		
Lab Sample ID:	ic 463735		



Manual Integration Report

Data File: cli010.d
Lab Sample ID: ic 463735
Inj. Date and Time: 09-MAR-2013 21:37
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

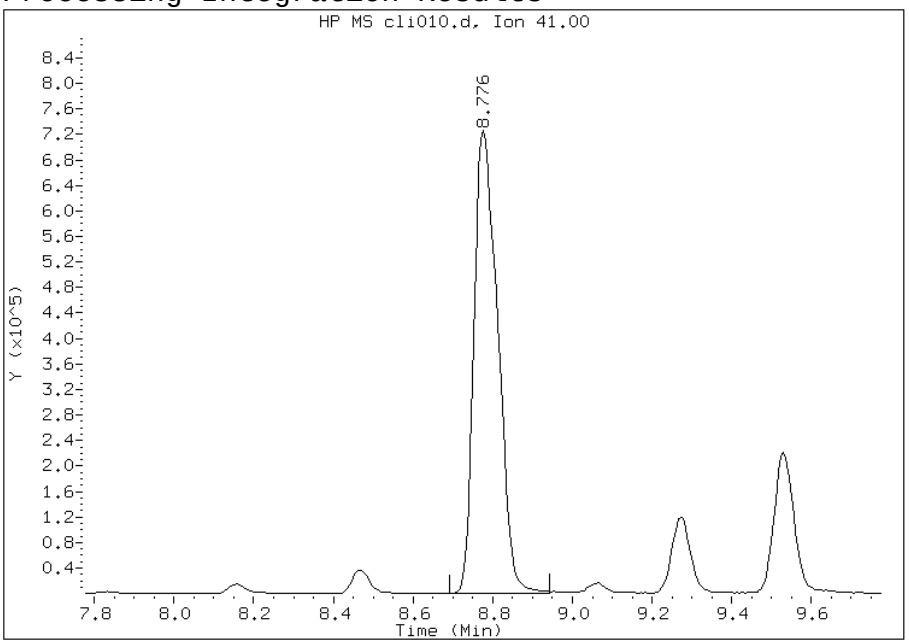
Processing Integration Results

RT: 8.78

Response: 3007051

Amount: 30.63

Conc: 30.63



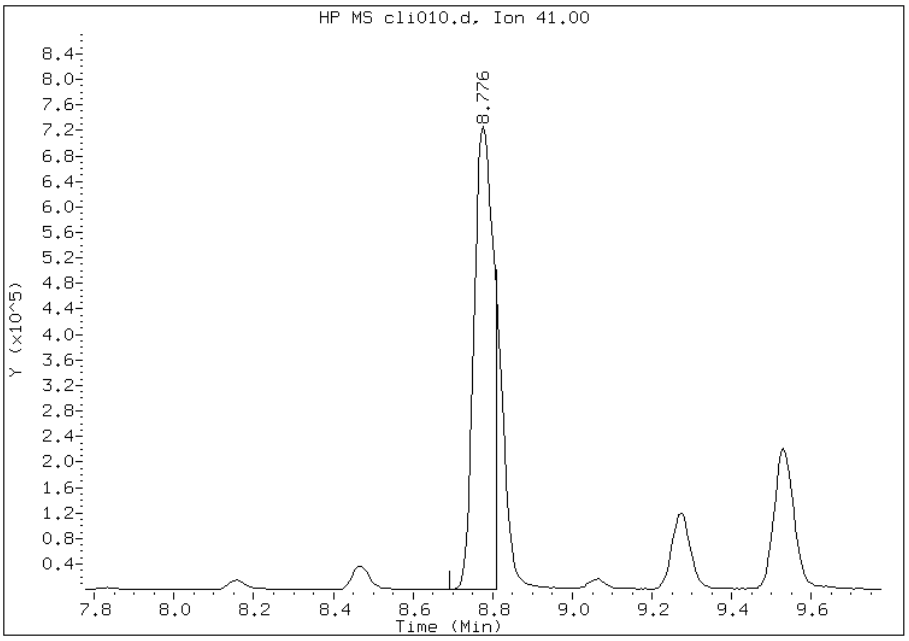
Manual Integration Results

RT: 8.78

Response: 2405104

Amount: 30.76

Conc: 30.76



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli010.d
Lab Sample ID: ic 463735
Inj. Date and Time: 09-MAR-2013 21:37
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

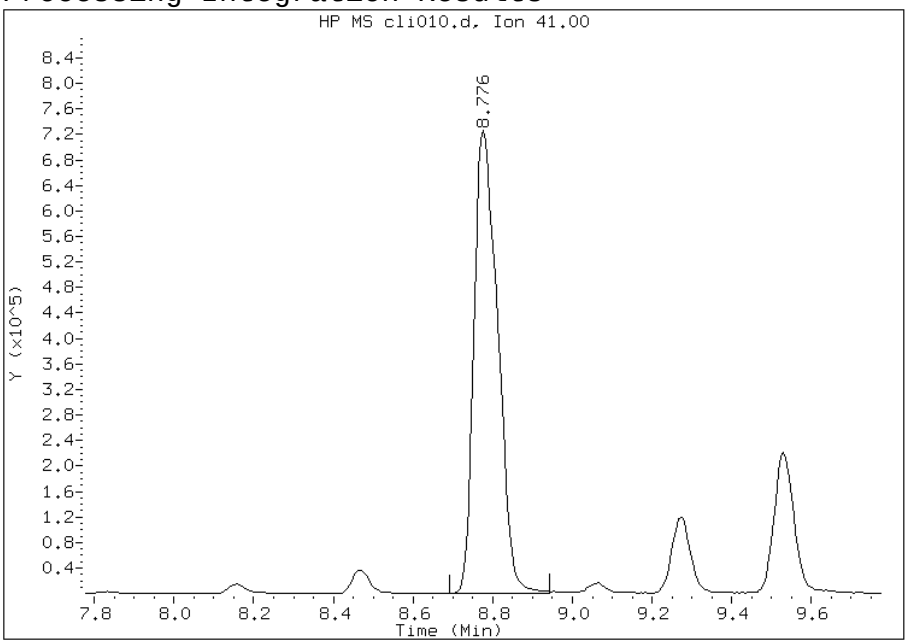
Processing Integration Results

RT: 8.78

Response: 3007051

Amount: 33.41

Conc: 33.41



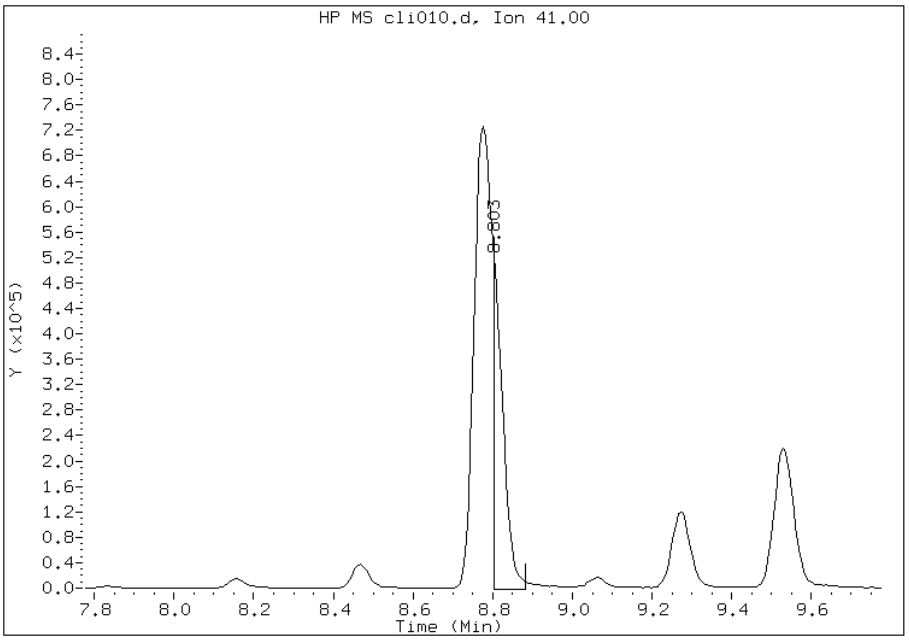
Manual Integration Results

RT: 8.80

Response: 916498

Amount: 40.18

Conc: 40.18



File Uploaded By: wrd
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-53304/3	clj003.d
Level 2	IC 200-53304/4	clj004.d
Level 3	IC 200-53304/5	clj005.d
Level 4	IC 200-53304/12	clj012.d
Level 5	ICIS 200-53304/7	clj007.d
Level 6	IC 200-53304/8	clj008.d
Level 7	IC 200-53304/9	clj009.d
Level 8	IC 200-53304/10	clj010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorotetrafluoroethane	+++++ 2.6693	2.8146 2.5788	2.7372 2.3949	3.0952	2.7574	Ave		2.7211				7.9		30.0			
Propylene	+++++ 0.6985	+++++ 0.6707	0.8677 0.6426	0.8494	0.7313	Ave		0.7434				12.7		30.0			
Dichlorodifluoromethane	+++++ 2.4780	+++++ 2.3615	2.6401 2.1112	2.8415	2.5968	Ave		2.5048				10.0		30.0			
Freon 22	+++++ 1.2707	+++++ 1.2179	1.4124 1.1656	1.5059	1.3366	Ave		1.3182				9.6		30.0			
Chloromethane	+++++ 0.7684	+++++ 0.7365	0.8830 0.7080	0.9218	0.7917	Ave		0.8016				10.5		30.0			
Acrolein	+++++ 0.2415	+++++ 0.2693	+++++ 0.2764	0.2678	0.2113	Ave		0.2533				10.6		30.0			
n-Butane	+++++ 1.2992	+++++ 1.2434	1.4199 1.1685	1.5799	1.3383	Ave		1.3415				10.8		30.0			
Vinyl chloride	0.9954 0.9086	0.9772 0.8817	0.9420 0.8459	1.0555	0.9319	Ave		0.9423				7.1		30.0			
1,3-Butadiene	+++++ 0.6546	0.7143 0.6507	0.6747 0.6198	0.7877	0.6922	Ave		0.6849				8.0		30.0			
Isopropyl alcohol	+++++ 0.6907	+++++ 0.6980	+++++ 0.7401	0.6505	0.6656	Ave		0.6890				5.0		30.0			
Chloroethane	+++++ 0.4109	+++++ 0.3971	0.4602 0.3816	0.4900	0.4228	Ave		0.4271				9.5		30.0			
Isopentane	+++++ 0.9066	1.3340 0.8871	0.9178 0.8503	1.0612	0.9040	Ave		0.9801				17.3		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.8857	0.9093 0.8620	0.8497 0.8323	0.9647	0.8886	Ave		0.8846				5.0		30.0			
Trichlorofluoromethane	+++++ 2.3184	2.4248 2.2300	2.3394 2.1164	2.5924	2.3861	Ave		2.3439				6.4		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromomethane	+++++ 0.8275	0.9556 0.7872	0.8942 0.7427	0.9497	0.8522	Ave		0.8585				9.3		30.0			
n-Pentane	+++++ 1.4268	+++++ 1.3858	1.5497 1.3338	1.6902	1.4249	Ave		1.4685				8.8		30.0			
Ethanol	+++++ 0.2889	+++++ 0.2583	0.3236 0.2164	0.2044	0.3168	Ave		0.2681				18.8		30.0			
Ethyl ether	+++++ 0.4546	0.5007 0.5021	0.4971 0.5138	0.4923	0.4131	Ave		0.4819				7.4		30.0			
Acetonitrile	+++++ 0.2452	+++++ 0.3093	+++++ 0.3202	0.3357	0.3563	Ave		0.3134				13.4		30.0			
Freon TF	+++++ 1.7323	1.8772 1.6872	1.6590 1.6031	1.9043	1.7491	Ave		1.7446				6.4		30.0			
tert-Butyl alcohol	+++++ 1.0278	+++++ 1.0439	+++++ 1.1366	0.9490	1.0359	Ave		1.0386				6.4		30.0			
1,1-Dichloroethene	+++++ 0.8455	0.9322 0.8199	0.8208 0.7880	0.9264	0.8454	Ave		0.8540				6.4		30.0			
Ethyl acetate	+++++ 0.0582	+++++ 0.0657	+++++ 0.0714	0.0568	0.0525	Ave		0.0609				12.4		30.0			
Acetone	+++++ 0.7432	+++++ 0.7874	+++++ 0.8219	0.7946	0.6608	Ave		0.7616				8.3		30.0			
Methyl tert-butyl ether	+++++ 1.8233	2.1629 1.9589	1.9550 2.0769	1.8151	1.6420	Ave		1.9192				9.1		30.0			
trans-1,2-Dichloroethene	+++++ 1.1964	1.2280 1.1677	1.1779 1.1334	1.3358	1.2317	Ave		1.2101				5.4		30.0			
Acrylonitrile	+++++ 0.4700	+++++ 0.5121	0.4890 0.5161	0.5616	0.4580	Ave		0.5011				7.5		30.0			
Carbon disulfide	+++++ 2.3932	+++++ 2.3519	2.3159 2.3188	2.6330	2.4164	Ave		2.4049				4.9		30.0			
3-Chloropropene	+++++ 1.1545	1.3798 1.0765	1.2023 1.1327	1.4303	1.0943	Ave		1.2100				11.6		30.0			
n-Butanol	+++++ 0.0737	+++++ 0.0753	+++++ 0.0856	0.0619	0.0711	Ave		0.0735				11.6		30.0			
Methylene Chloride	+++++ 0.7994	+++++ 0.7749	0.9697 0.7437	0.9499	0.8292	Ave		0.8445				11.1		30.0			
1,1-Dichloroethane	+++++ 1.5020	1.5719 1.4510	1.4998 1.4151	1.6855	1.5435	Ave		1.5241				5.8		30.0			
Vinyl acetate	+++++ 1.4627	+++++ 1.6459	+++++ 1.7166	1.6217	1.3448	Ave		1.5583				9.7		30.0			
n-Hexane	+++++ 1.3431	1.4789 1.3006	1.3757 1.2757	1.5241	1.3513	Ave		1.3785				6.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	+++++ 0.9522	1.0245 0.9395	0.9567 0.9264	1.0155	0.9594	Ave		0.9677				3.9		30.0			
Methyl Ethyl Ketone	+++++ 0.3231	+++++ 0.3478	0.3812 0.3775	0.3027	0.2907	Ave		0.3372				11.3		30.0			
Tetrahydrofuran	+++++ 0.1360	+++++ 0.1420	+++++ 0.1531	0.1437	0.1220	Ave		0.1394				8.2		30.0			
Chloroform	+++++ 1.8108	1.8939 1.7623	1.8290 1.7217	1.9703	1.8504	Ave		1.8341				4.5		30.0			
1,1,1-Trichloroethane	+++++ 0.4047	0.4060 0.3883	0.3961 0.3726	0.4275	0.4132	Ave		0.4012				4.4		30.0			
1,4-Dioxane	+++++ 0.0637	+++++ 0.0641	+++++ 0.0695	0.0555	0.0600	Ave		0.0626				8.3		30.0			
Benzene	+++++ 0.5536	0.6545 0.5414	0.5742 0.5302	0.5964	0.5603	Ave		0.5729				7.3		30.0			
2,2,4-Trimethylpentane	+++++ 0.8480	0.8565 0.8236	0.8425 0.8024	0.9384	0.8723	Ave		0.8548				5.1		30.0			
1,2-Dichloroethane	+++++ 0.2121	0.2127 0.2035	0.2093 0.2001	0.2303	0.2210	Ave		0.2127				4.8		30.0			
n-Heptane	+++++ 0.2994	0.3346 0.2917	0.3052 0.2871	0.3440	0.3101	Ave		0.3103				6.9		30.0			
Cyclohexane	+++++ 0.2663	0.2662 0.2584	0.2581 0.2536	0.2802	0.2660	Ave		0.2641				3.3		30.0			
Carbon tetrachloride	0.4992 0.4632	0.4552 0.4446	0.4484 0.4245	0.4900	0.4797	Ave		0.4631				5.4		30.0			
1,2-Dichloropropane	+++++ 0.1943	0.2033 0.1931	0.1927 0.1914	0.2166	0.2049	Ave		0.1995				4.7		30.0			
Methyl methacrylate	+++++ 0.1487	+++++ 0.1582	0.1634 0.1756	0.1338	0.1306	Ave		0.1517				11.5		30.0			
Dibromomethane	+++++ 0.2655	0.2953 0.2475	0.2768 0.2217	0.2888	0.2816	Ave		0.2682				9.6		30.0			
cis-1,3-Dichloropropene	+++++ 0.3104	0.3161 0.3144	0.3069 0.3138	0.3376	0.3256	Ave		0.3178				3.3		30.0			
methyl isobutyl ketone	+++++ 0.2549	+++++ 0.2645	0.2900 0.3073	0.2181	0.2566	Ave		0.2652				11.7		30.0			
Trichloroethene	0.3356 0.2833	0.2936 0.2648	0.2701 0.2516	0.3120	0.2938	Ave		0.2881				9.4		30.0			
n-Octane	+++++ 0.4118	0.5011 0.4115	0.4295 0.4028	0.4778	0.4353	Ave		0.4385				8.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2958	0.3039 0.3166	0.3075 0.3199	0.3182	0.3117	Ave		0.3105				2.8		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromodichloromethane	+++++ 0.4124	0.3946 0.3980	0.3776 0.3912	0.4333	0.4210	Ave		0.4040				4.7		30.0			
1,1,2-Trichloroethane	+++++ 0.2402	0.2096 0.2060	0.2048 0.2105	0.2146	0.2190	Ave		0.2150				5.7		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.3308	+++++ 0.2684	0.3017 0.3223	0.2180	0.2803	Ave		0.2869				14.4		30.0			
Toluene	+++++ 0.5039	0.4851 0.4339	0.4324 0.4399	0.4461	0.4517	Ave		0.4561				6.0		30.0			
n-Nonane	+++++ 0.4864	0.4294 0.4028	0.3879 0.4175	0.3897	0.3974	Ave		0.4159				8.3		30.0			
Tetrachloroethene	+++++ 0.5510	0.4490 0.4099	0.4426 0.3775	0.4789	0.5118	Ave		0.4601				12.9		30.0			
Dibromochloromethane	+++++ 0.6355	0.4751 0.5074	0.4688 0.4807	0.5375	0.5814	Ave		0.5266				11.9		30.0			
1,2-Dibromoethane	+++++ 0.5223	0.4128 0.4223	0.4060 0.4137	0.4356	0.4669	Ave		0.4399				9.5		30.0			
Cumene	+++++ 1.1848	1.0118 1.0049	0.9333 1.0075	0.8689	0.9176	Ave		0.9898				10.3		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5872	0.4936 0.4913	0.4788 0.5063	0.4250	0.4608	Ave		0.4919				10.1		30.0			
n-Dodecane	+++++ 0.0836	+++++ 0.0486	+++++ 0.0650	0.0414	0.0543	Ave		0.0586				28.1		30.0			
1,2,3-Trichloropropane	+++++ 0.4495	+++++ 0.3728	0.4056 0.3780	0.3352	0.3550	Ave		0.3827				10.5		30.0			
n-Propylbenzene	+++++ 1.3663	1.1041 1.1513	1.0333 1.1385	0.9954	1.0536	Ave		1.1204				10.9		30.0			
n-Decane	+++++ 0.4984	+++++ 0.3852	0.3253 0.3167	0.3465	0.3648	Ave		0.3728				17.8		30.0			
Chlorobenzene	+++++ 0.7831	0.6714 0.6474	0.6410 0.6373	0.6557	0.7076	Ave		0.6776				7.7		30.0			
Ethylbenzene	+++++ 1.0175	0.9548 0.8743	0.8633 0.9170	0.7976	0.8265	Ave		0.8930				8.5		30.0			
m,p-Xylene	+++++ 0.4319	0.3659 0.3665	0.3521 0.3455	0.3296	0.3483	Ave		0.3628				9.1		30.0			
sec-Butylbenzene	+++++ 1.4487	1.1354 1.1882	1.0128 1.1384	1.0320	1.1007	Ave		1.1509				12.6		30.0			
Benzyl chloride	+++++ 0.8740	0.5769 0.7373	0.5741 0.7935	0.5689	0.6637	Ave		0.6841				17.7		30.0			
Xylene, o-	+++++ 0.4207	0.3765 0.3593	0.3411 0.3579	0.3161	0.3361	Ave		0.3582				9.4		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Styrene	+++++ 0.6543	0.4957 0.5604	0.4965 0.5669	0.4742	0.5240	Ave		0.5389				11.4		30.0			
n-Undecane	+++++ 0.2951	+++++ 0.1874	+++++ 0.2432	0.1589	0.2076	Ave		0.2184				24.1		30.0			
Bromoform	+++++ 0.5796	0.4763 0.4578	0.4734 0.4195	0.4911	0.5319	Ave		0.4899				10.6		30.0			
2-Chlorotoluene	+++++ 0.9859	0.9236 0.7685	0.8148 0.6057	0.7943	0.8517	Ave		0.8206				14.8		30.0			
4-Ethyltoluene	+++++ 1.1647	0.9482 0.9125	0.8817 0.7557	0.8842	0.9321	Ave		0.9256				13.3		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9969	0.7847 0.8227	0.6960 0.8098	0.7070	0.7540	Ave		0.7959				12.7		30.0			
Alpha Methyl Styrene	+++++ 0.5433	0.3389 0.4572	0.3380 0.4514	0.3698	0.4159	Ave		0.4164				17.9		30.0			
tert-Butylbenzene	+++++ 1.0013	0.8832 0.8143	0.7530 0.7743	0.7271	0.7745	Ave		0.8182				11.6		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9812	0.6872 0.8092	0.6539 0.7951	0.6798	0.7462	Ave		0.7647				14.7		30.0			
4-Isopropyltoluene	+++++ 1.2407	0.9478 0.9691	0.8123 0.8588	0.8740	0.9530	Ave		0.9508				14.7		30.0			
1,2,4-Trichlorobenzene	+++++ 0.2955	+++++ 0.2471	0.2426 0.2793	0.1629	0.2759	Ave		0.2505				18.9		30.0			
1,3-Dichlorobenzene	+++++ 0.7498	0.6607 0.5913	0.6657 0.5206	0.5681	0.6389	Ave		0.6279				12.0		30.0			
1,4-Dichlorobenzene	+++++ 0.7492	0.6407 0.6098	0.6479 0.5715	0.5414	0.6304	Ave		0.6273				10.5		30.0			
Hexachlorobutadiene	+++++ 0.3605	0.3541 0.2831	0.3015 0.2962	0.2621	0.2867	Ave		0.3063				12.1		30.0			
n-Butylbenzene	+++++ 0.9940	0.5966 0.8130	0.5520 0.8264	0.6366	0.7326	Ave		0.7359				21.0		30.0			
1,2-Dichlorobenzene	+++++ 0.7184	0.5981 0.5838	0.5928 0.5496	0.5297	0.5990	Ave		0.5959				10.1		30.0			
Naphthalene	+++++ 0.4193	+++++ 0.3527	0.2930 0.4376	0.2105	0.3774	Ave		0.3484				24.3		30.0			
1,2,3-Trichlorobenzene	+++++ 0.2428	0.1981 0.2014	0.1989 0.2316	0.1371	0.2313	Ave		0.2059				17.2		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-53304/3	clj003.d
Level 2	IC 200-53304/4	clj004.d
Level 3	IC 200-53304/5	clj005.d
Level 4	IC 200-53304/12	clj012.d
Level 5	ICIS 200-53304/7	clj007.d
Level 6	IC 200-53304/8	clj008.d
Level 7	IC 200-53304/9	clj009.d
Level 8	IC 200-53304/10	clj010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1363314	16352 1891306	37535 3812721	499537	834615	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Propylene	BCM	Ave	+++++ 356751	+++++ 491907	11899 1022971	137084	221366	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1265641	+++++ 1731905	36203 3361024	458579	785996	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 649009	+++++ 893227	19368 1855605	243038	404557	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 392464	+++++ 540180	12108 1127128	148774	239619	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 123357	+++++ 197503	+++++ 440060	43216	63970	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 663535	+++++ 911900	19471 1860279	254972	405067	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1235 464043	5677 646640	12918 1346625	170353	282070	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 334326	4150 477235	9252 986762	127129	209515	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 352791	+++++ 511933	+++++ 1178315	104977	201480	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 209845	+++++ 291229	6311 607502	79080	127970	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 463054	7750 650582	12585 1353745	171265	273638	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 452356	5283 632164	11652 1325011	155696	268965	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1184084	14087 1635460	32080 3369346	418391	722221	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 422637	5552 577365	12262 1182394	153272	257955	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Pentane	BCM	Ave	+++++ 728705	+++++ 1016327	21251 2123365	272778	431304	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	+++++ 196727	+++++ 378899	44370 861377	65983	143856	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 232165	2909 368210	6816 817946	79447	125026	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 125259	+++++ 226851	+++++ 509830	54177	107848	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 884779	10906 1237398	22750 2552115	307337	529421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 524951	+++++ 765572	+++++ 1809540	153150	313537	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 431838	5416 601349	11256 1254463	149503	255899	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 29716	+++++ 48151	+++++ 113741	9173	15898	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 379592	+++++ 577455	+++++ 1308517	128232	200007	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 931236	12566 1436667	26808 3306398	292942	496998	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 611025	7134 856431	16153 1804380	215576	372818	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 240071	+++++ 375553	6705 821679	90637	138640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1222310	+++++ 1724928	31757 3691546	424928	731414	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 589653	8016 789501	16487 1803229	230835	331211	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 189720	+++++ 278889	+++++ 682806	50873	108868	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 408284	+++++ 568292	13298 1184015	153305	250983	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 767156	9132 1064193	20566 2252879	272013	467194	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 747054	+++++ 1207088	+++++ 2732794	261725	407056	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 685956	8592 953868	18865 2030993	245967	409029	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 486333	5952 688997	13119 1474849	163882	290403	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 165015	+++++ 255076	5228 601004	48854	88004	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrahydrofuran	DFB	Ave	+++++ 350294	+++++ 526205	+++++ 1221711	118081	186694	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Chloroform	BCM	Ave	+++++ 924853	11003 1292495	25081 2740959	317989	560078	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 1042306	11934 1438468	27382 2972509	351219	632313	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 164135	+++++ 237465	+++++ 554649	45625	91848	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 1425726	19238 2005627	39695 4229638	490040	857440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2183869	25175 3051206	58248 6401398	771002	1334755	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 546140	6252 753793	14467 1596471	189197	338106	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 771169	9836 1080548	21100 2290787	282651	474506	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 685871	7826 957078	17847 2022981	230191	407084	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	3178 1192769	13379 1647091	31004 3386717	402621	734099	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 500441	5977 715380	13322 1526677	177955	313545	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 382951	+++++ 585963	11295 1400802	109897	199845	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 683695	8681 916893	19138 1768641	237270	430961	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 799482	9292 1164872	21216 2503182	277339	498265	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 656515	+++++ 979703	20048 2451964	179169	392587	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	2136 729499	8630 981096	18675 2007673	256346	449518	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1060481	14730 1524346	29696 3213387	392526	666137	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 761712	8932 1172910	21261 2552080	261453	476986	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 1062030	11600 1474268	26103 3121006	356026	644287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 469480	5802 728175	13455 1569027	164919	294445	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 646371	+++++ 948837	19819 2401926	167553	376926	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Toluene	CBZ	Ave	+++++ 984665	13431 1533702	28402 3278500	342770	607306	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 950475	11887 1423820	25479 3112047	299468	534274	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Tetrachloroethene	CBZ	Ave	+++++ 1076736	12430 1449028	29078 2813508	368036	688135	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 1241946	13152 1793652	30796 3582984	413011	781691	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 1020636	11427 1492638	26674 3083454	334767	627719	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 2315356	28012 3552255	61312 7509141	667713	1233744	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 1147504	13664 1736577	31451 3773964	326597	619609	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 163457	+++++ 171900	+++++ 484478	31797	73025	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 878299	+++++ 1317796	26644 2817481	257580	477255	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 2670040	30566 4069606	67880 8485450	764876	1416648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 973983	+++++ 1361792	21367 2360748	266262	490453	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 1530249	18588 2288543	42107 4750112	503866	951340	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 1988416	26434 3090409	56715 6834493	612940	1111264	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 1688040	20261 2590743	46259 5150020	506527	936698	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
sec-Butylbenzene	CBZ	Ave	+++++ 2831041	31432 4199969	66533 8484979	793041	1479920	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 1707925	15970 2606131	37717 5914623	437157	892306	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Xylene, o-	CBZ	Ave	+++++ 822140	10424 1270095	22408 2667365	242890	451916	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 1278657	13723 1980971	32614 4225016	364411	704512	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 576616	+++++ 662414	+++++ 1812479	122077	279173	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 1132652	13187 1618092	31099 3127108	377388	715093	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 1926633	25568 2716404	53524 4514368	610347	1145114	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1 Analy Batch No.: 53304

SDG No.:

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

Calibration Start Date: 03/22/2013 01:50 Calibration End Date: 03/22/2013 09:43 Calibration ID: 20852

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Ethyltoluene	CBZ	Ave	+++++ 2275897	26250 3225700	57920 5632595	679457	1253276	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 1948047	21723 2908055	45722 6035471	543287	1013742	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	+++++ 1061781	9382 1616255	22205 3364495	284195	559232	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 1956657	24450 2878317	49463 5770942	558747	1041380	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 1917451	19026 2860350	42954 5926227	522407	1003335	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 2424532	26239 3425517	53363 6400717	671586	1281320	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 577353	+++++ 873550	15936 2081741	125193	370922	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 1465143	18290 2090117	43730 3879946	436569	859001	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 1464068	17736 2155594	42561 4260024	416040	847573	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 704408	9802 1000630	19809 2207733	201445	385416	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 1942355	16517 2873820	36265 6159721	489207	984959	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 1403910	16557 2063773	38943 4096295	407059	805355	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 819360	+++++ 1246722	19248 3261609	161780	507385	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 474489	5484 711794	13066 1726338	105375	311022	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj003.d
Lab Smp Id: IC 472201
Inj Date : 22-MAR-2013 01:50
Operator : AHK Inst ID: C.i
Smp Info : IC 472201
Misc Info : 40,1, level 8
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:29 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 01:50 Cal File: clj003.d
Als bottle: 2 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	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	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.192	4.192	(0.351)	2823	0.00000	0.12(a)
2 Dichlorodifluoromethane	85	4.277	4.283	(0.358)	3790	0.00000	0.049(a)
3 Chlorodifluoromethane	51	4.330	4.336	(0.362)	2449	0.00000	0.060(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.768	4.774	(0.399)	2159	0.00000	0.087(a)
6 Butane	43	5.035	5.035	(0.421)	2534	0.00000	0.061(a)
7 Vinyl chloride	62	5.072	5.072	(0.424)	1235	0.04000	0.042(aM)
8 1,3-Butadiene	54	5.168	5.174	(0.432)	1274	0.00000	0.060(a)
9 Bromomethane	94	5.942	5.942	(0.497)	1452	0.00000	0.055(a)
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

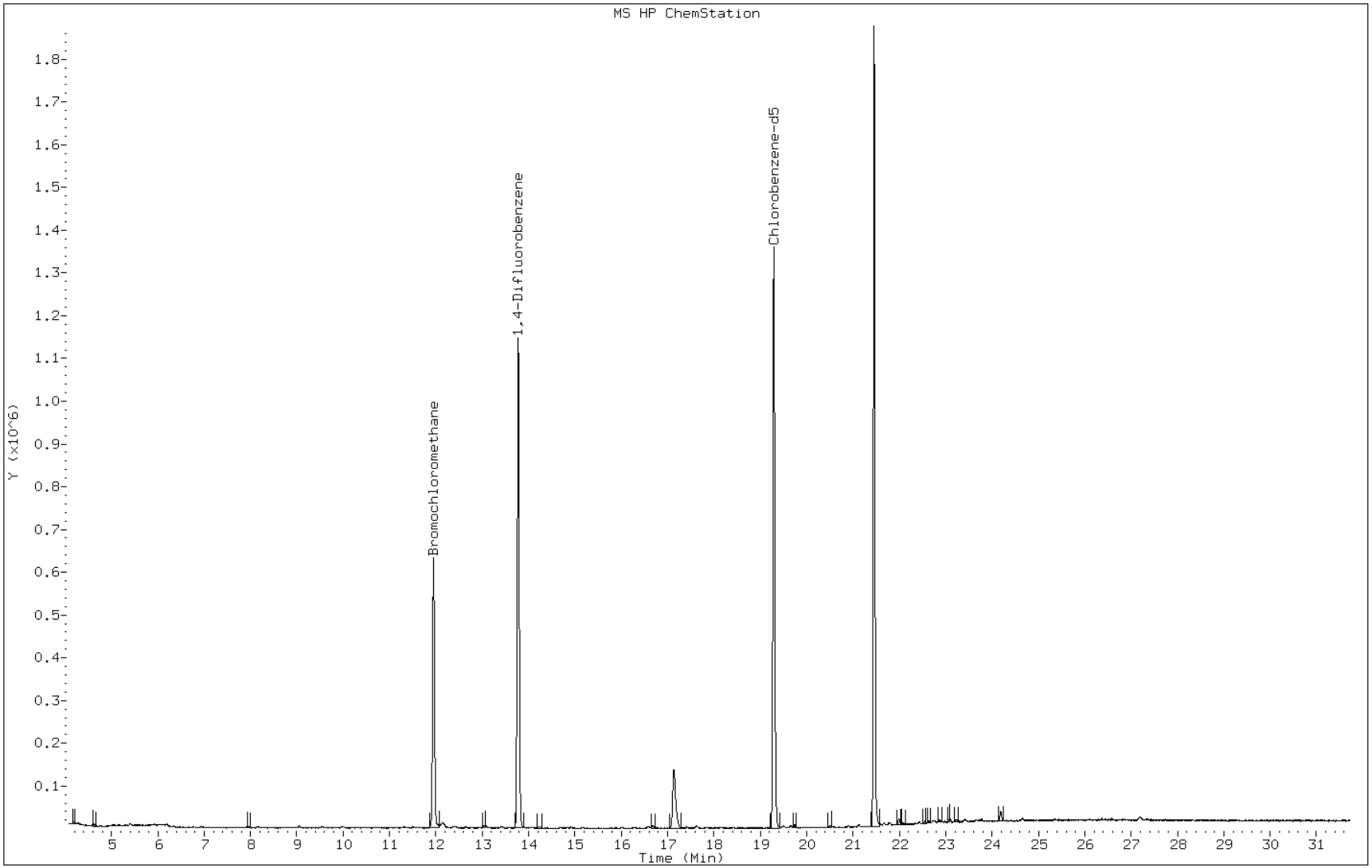
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.157	8.152	(0.682)	2555	0.00000	0.11(a)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	8.760	8.766	(0.733)	2587	0.00000	0.069(aQ)
	24 Acetonitrile	41	8.760	8.766	(0.733)	1533	0.00000	0.16(a)
	25 Methylene chloride	49	9.054	9.048	(0.758)	3498	0.00000	0.13(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	10.004	9.993	(0.837)	1385	0.00000	0.032(TaQ)
	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	11.951	11.952	(1.000)	310191	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	12.410	12.421	(0.901)	1740	0.00000	0.041(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	12.651	12.651	(0.918)	3178	0.04000	0.043(a)
	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	13.777	13.777	(1.000)	1591393	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	14.236	14.236	(1.033)	2136	0.04000	0.047(a)
	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	15.164	15.165	(1.101)	2914	0.00000	0.045(a)
	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	16.589	16.589	(0.860)	3407	0.00000	0.051(aQ)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	17.619	17.625	(0.913)	3053	0.00000	0.045(a)
	62 2-Hexanone	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
63	Dibromochloromethane	129	18.158	18.153	(0.941)	2864	0.00000	0.037(a)
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	2032	0.00000	0.032(aQ)
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1464931	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	4232	0.00000	0.043(a)
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	19.509	19.503	(1.011)	5494	0.00000	0.042(a)
69	Xylene (m,p)	106	19.743	19.744	(1.023)	3590	0.00000	0.068(aQ)
M 70	Xylenes, Total	106				5281	0.00000	0.100(a)
71	Xylene (o)	106	20.512	20.507	(1.063)	1691	0.00000	0.032(aQ)
72	Styrene	104	20.533	20.539	(1.064)	2802	0.00000	0.035(a)
73	Bromoform	173	20.896	20.902	(1.083)	2648	0.00000	0.037(a)
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.					
85	sec-Butylbenzene	105	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	4252	0.00000	0.046(a)
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	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.					

QC Flag Legend

T - Target compound detected outside RT window.
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:	clj003.d	Date:	22-MAR-2013 01:50
Client ID:		Instrument:	C.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	IC 472201		
Lab Sample ID:	IC 472201		



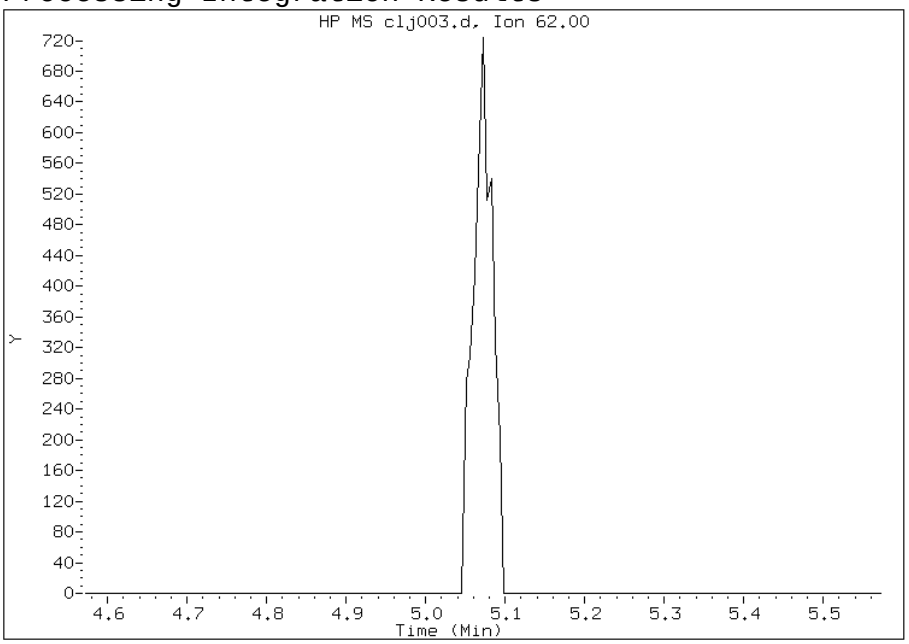
Manual Integration Report

Data File: clj003.d
Lab Sample ID: IC 472201
Inj. Date and Time: 22-MAR-2013 01:50
Instrument ID: C.i
Client ID:
Compound: 7 Vinyl chloride
CAS #: 75-01-4
Report Date: 03/24/2013

Processing Integration Results

Not Detected

Expected RT: 5.07



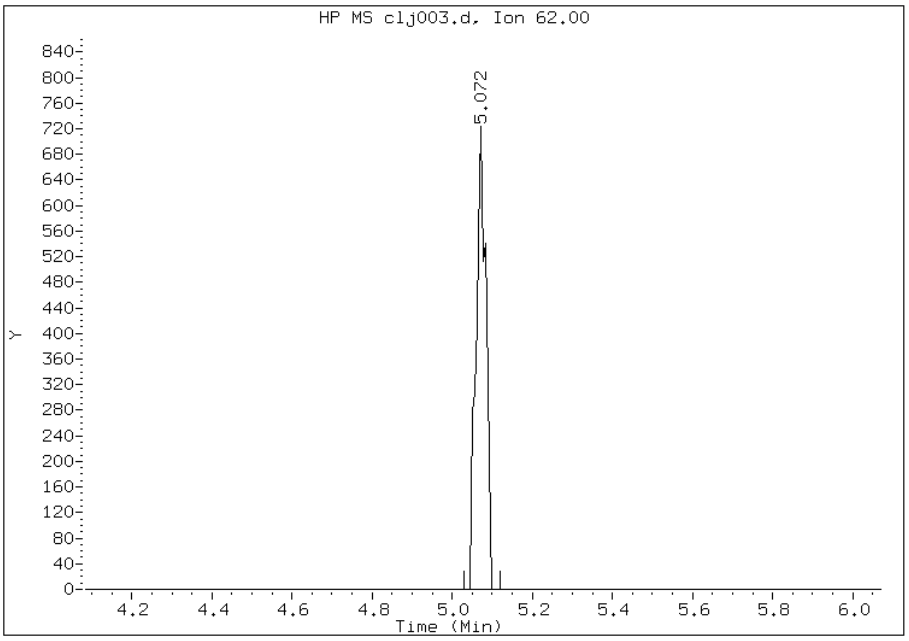
Manual Integration Results

RT: 5.07

Response: 1235

Amount: 0.042254

Conc: 0.042254



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj004.d
Lab Smp Id: IC 472201
Inj Date : 22-MAR-2013 02:42
Operator : AHK Inst ID: C.i
Smp Info : IC 472201
Misc Info : 200,1, level 1
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:30 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 02:42 Cal File: clj004.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.192	4.192	(0.351)	6727	0.20000	0.31(aQ)
2 Dichlorodifluoromethane	85	4.283	4.283	(0.358)	16051	0.20000	0.22(a)
3 Chlorodifluoromethane	51	4.341	4.336	(0.363)	9018	0.20000	0.24(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.619	(0.386)	16352	0.20000	0.21
5 Chloromethane	50	4.774	4.774	(0.399)	6104	0.20000	0.26(a)
6 Butane	43	5.040	5.035	(0.422)	10891	0.20000	0.28(a)
7 Vinyl chloride	62	5.072	5.072	(0.424)	5677	0.20000	0.21
8 1,3-Butadiene	54	5.169	5.174	(0.432)	4150	0.20000	0.21
9 Bromomethane	94	5.942	5.942	(0.497)	5552	0.20000	0.22
10 Chloroethane	64	6.209	6.209	(0.520)	2630	0.20000	0.21(a)
11 2-Methylbutane	43	6.321	6.327	(0.529)	7750	0.20000	0.27
12 Vinyl bromide	106	6.647	6.641	(0.556)	5283	0.20000	0.21
13 Trichlorofluoromethane	101	6.770	6.775	(0.566)	14087	0.20000	0.21
14 Pentane	43	6.946	6.946	(0.581)	10928	0.20000	0.26(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.330	7.325	(0.613)	4650	0.20000	0.60(a)
16	Ethyl ether	59	7.501	7.485	(0.628)	2909	0.20000	0.21
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.928	7.938	(0.663)	10906	0.20000	0.22
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.965	7.970	(0.666)	5416	0.20000	0.22
20	Acetone	43	8.168	8.152	(0.683)	14744	0.20000	0.67(a)
21	Carbon disulfide	76	8.403	8.403	(0.703)	14349	0.20000	0.21(a)
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	8.760	8.766	(0.733)	8016	0.20000	0.23(aM)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	9.054	9.048	(0.758)	7263	0.20000	0.30(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	9.545	9.529	(0.799)	12566	0.20000	0.23(M)
28	1,2-Dichloroethene (trans)	61	9.550	9.545	(0.799)	7134	0.20000	0.20
29	Acrylonitrile	53	9.603	9.598	(0.804)	3141	0.20000	0.22(a)
30	n-Hexane	57	9.988	9.993	(0.836)	8592	0.20000	0.21(TQ)
31	1,1-Dichloroethane	63	10.409	10.409	(0.871)	9132	0.20000	0.21
32	Vinyl acetate	43	10.473	10.473	(0.876)	10271	0.20000	0.23(a)
M 33	1,2-Dichloroethene,Total	61				13086	0.40000	0.41
34	1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	5952	0.20000	0.21
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.535	11.525	(0.965)	2554	0.20000	0.26(aQ)
* 37	Bromochloromethane	128	11.952	11.952	(1.000)	290483	10.0000	
38	Tetrahydrofuran	42	12.037	12.010	(0.874)	4992	0.20000	0.24(a)
39	Chloroform	83	12.069	12.069	(1.010)	11003	0.20000	0.21
40	Cyclohexane	84	12.421	12.421	(0.902)	7826	0.20000	0.20(Q)
41	1,1,1-Trichloroethane	97	12.395	12.384	(0.900)	11934	0.20000	0.20
42	Carbon tetrachloride	117	12.656	12.651	(0.919)	13379	0.20000	0.20(Q)
43	2,2,4-Trimethylpentane	57	13.078	13.072	(0.949)	25175	0.20000	0.20
44	Benzene	78	13.046	13.051	(0.947)	19238	0.20000	0.23
45	1,2-Dichloroethane	62	13.169	13.163	(0.956)	6252	0.20000	0.20
46	n-Heptane	43	13.419	13.419	(0.974)	9836	0.20000	0.22
* 47	1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1469673	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	14.236	14.236	(1.033)	8630	0.20000	0.20
50	1,2-Dichloropropane	63	14.684	14.690	(1.066)	5977	0.20000	0.20(Q)
51	Methyl methacrylate	69	14.834	14.823	(1.077)	5123	0.20000	0.23(a)
52	Dibromomethane	174	14.908	14.914	(1.082)	8681	0.20000	0.22
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	15.165	15.165	(1.101)	11600	0.20000	0.20
55	1,3-Dichloropropene (cis)	75	16.008	16.008	(1.162)	9292	0.20000	0.20
56	Methyl isobutyl ketone	43	16.264	16.248	(1.181)	9122	0.20000	0.23(a)
57	n-Octane	43	16.680	16.680	(1.211)	14730	0.20000	0.23(a)
58	Toluene	92	16.589	16.589	(0.860)	13431	0.20000	0.21
59	1,3-Dichloropropene (trans)	75	17.080	17.075	(1.240)	8932	0.20000	0.20
60	1,1,2-Trichloroethane	83	17.422	17.417	(0.903)	5802	0.20000	0.19(a)
61	Tetrachloroethene	166	17.630	17.625	(0.914)	12430	0.20000	0.20(M)

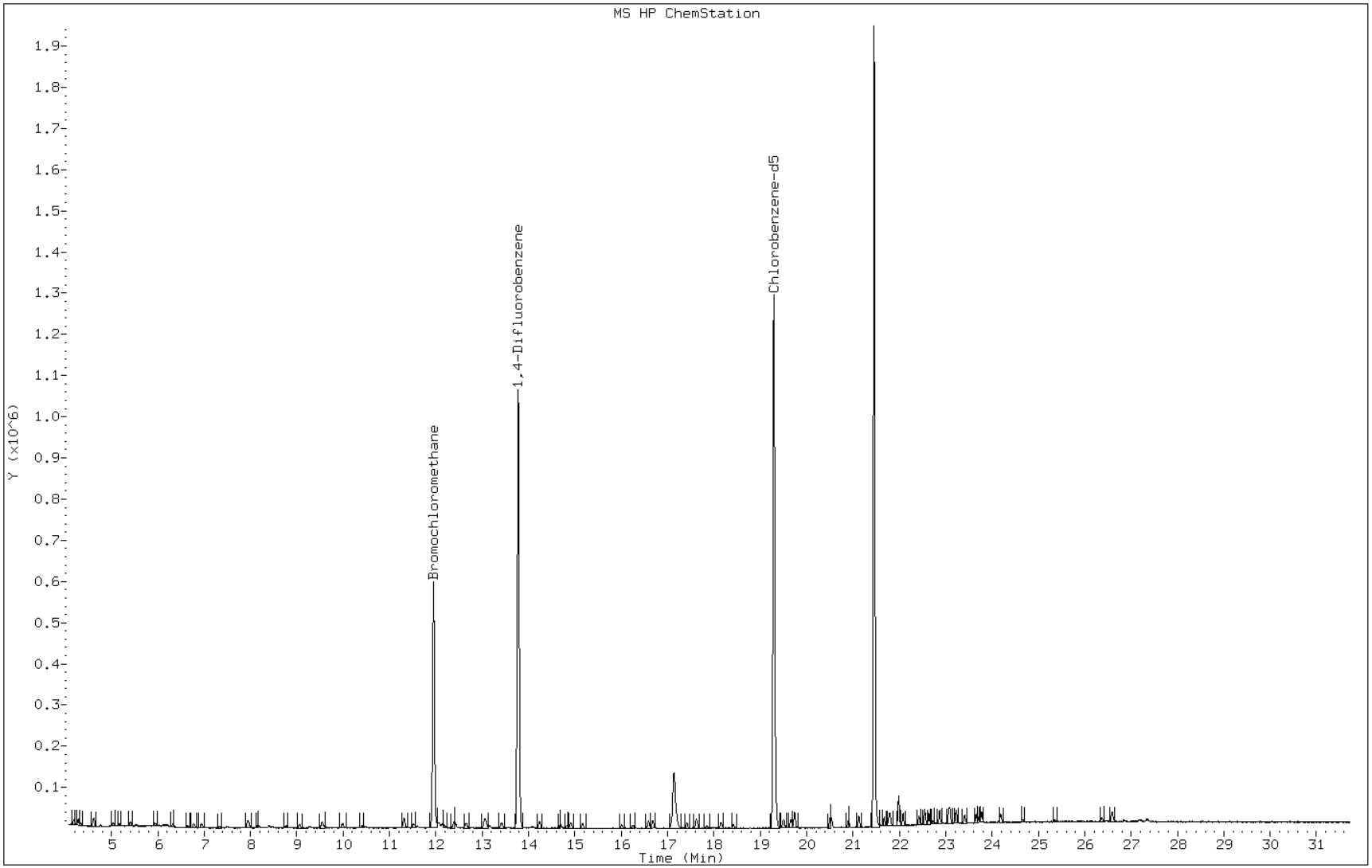
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.849	17.833	(0.925)	7887	0.20000	0.20(a)
63	Dibromochloromethane	129	18.153	18.153	(0.941)	13152	0.20000	0.18(a)
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	11427	0.20000	0.19(a)
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1384215	10.0000	
66	Chlorobenzene	112	19.349	19.354	(1.003)	18588	0.20000	0.20
67	n-Nonane	57	19.658	19.658	(1.019)	11887	0.20000	0.21(M)
68	Ethylbenzene	91	19.503	19.503	(1.011)	26434	0.20000	0.21
69	Xylene (m,p)	106	19.738	19.744	(1.023)	20261	0.40000	0.40(a)
M 70	Xylenes, Total	106				30685	0.20000	0.61
71	Xylene (o)	106	20.512	20.507	(1.063)	10424	0.20000	0.21
72	Styrene	104	20.544	20.539	(1.065)	13723	0.20000	0.18(a)
73	Bromoform	173	20.907	20.902	(1.084)	13187	0.20000	0.19(a)
74	Isopropylbenzene	105	21.126	21.126	(1.095)	28012	0.20000	0.20
75	1,1,2,2-Tetrachloroethane	83	21.676	21.670	(1.123)	13664	0.20000	0.20(M)
76	n-Propylbenzene	91	21.798	21.798	(1.130)	30566	0.20000	0.20
77	1,2,3-Trichloropropane	75	21.772	21.772	(1.128)	11095	0.20000	0.21(a)
78	n-Decane	57	21.996	21.996	(1.140)	11255	0.20000	0.22(a)
79	4-Ethyltoluene	105	21.974	21.980	(1.139)	26250	0.20000	0.20
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	25568	0.20000	0.23
81	1,3,5-Trimethylbenzene	105	22.081	22.076	(1.144)	21723	0.20000	0.20
82	Alpha Methyl Styrene	118	22.428	22.423	(1.162)	9382	0.20000	0.16(a)
83	tert-butylbenzene	119	22.551	22.551	(1.169)	24450	0.20000	0.22
84	1,2,4-Trimethylbenzene	105	22.636	22.642	(1.173)	19026	0.20000	0.18(a)
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	31432	0.20000	0.20
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	26239	0.20000	0.20
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	18290	0.20000	0.21
88	1,4-Dichlorobenzene	146	23.229	23.229	(1.204)	17736	0.20000	0.20
89	Benzyl chloride	91	23.410	23.405	(1.213)	15970	0.20000	0.17(a)
90	Undecane	57	23.714	23.709	(1.229)	6719	0.20000	0.22(a)
91	n-Butylbenzene	91	23.656	23.656	(1.226)	16517	0.20000	0.16(a)
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	16557	0.20000	0.20
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	26.372	26.367	(1.367)	6273	0.20000	0.18(a)
95	1,3-Hexachlorobutadiene	225	26.596	26.591	(1.378)	9802	0.20000	0.23
96	Naphthalene	128	26.847	26.847	(1.391)	6749	0.20000	0.14(a)
97	1,2,3-Trichlorobenzene	180	27.354	27.343	(1.418)	5484	0.20000	0.19(a)

QC Flag Legend

T - Target compound detected outside RT window.
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: clj004.d
Client ID:
Operator: AHK
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 472201
Lab Sample ID: IC 472201

Date: 22-MAR-2013 02:42
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: clj004.d
Lab Sample ID: IC 472201
Inj. Date and Time: 22-MAR-2013 02:42
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

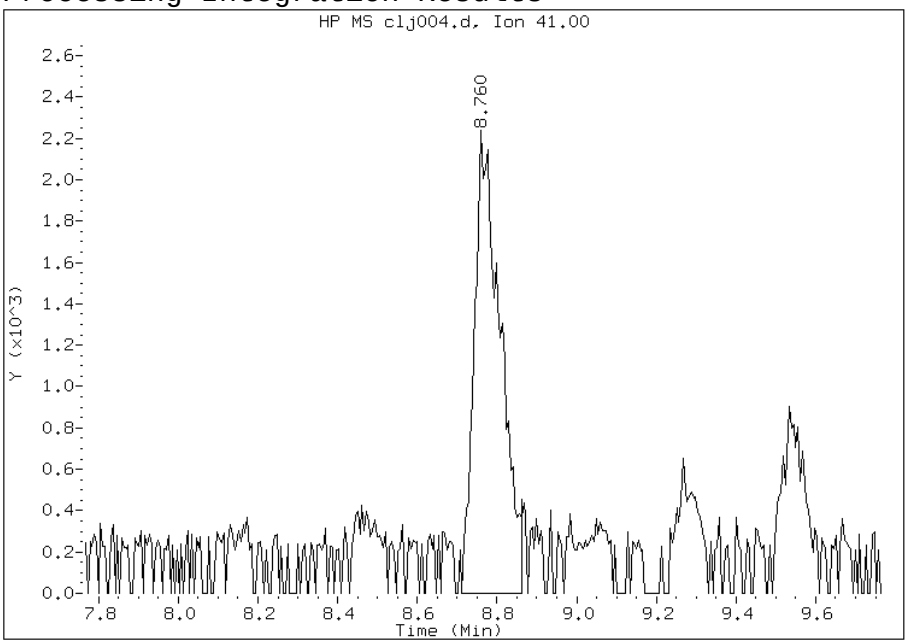
Processing Integration Results

RT: 8.76

Response: 10191

Amount: 0.222756

Conc: 0.222756



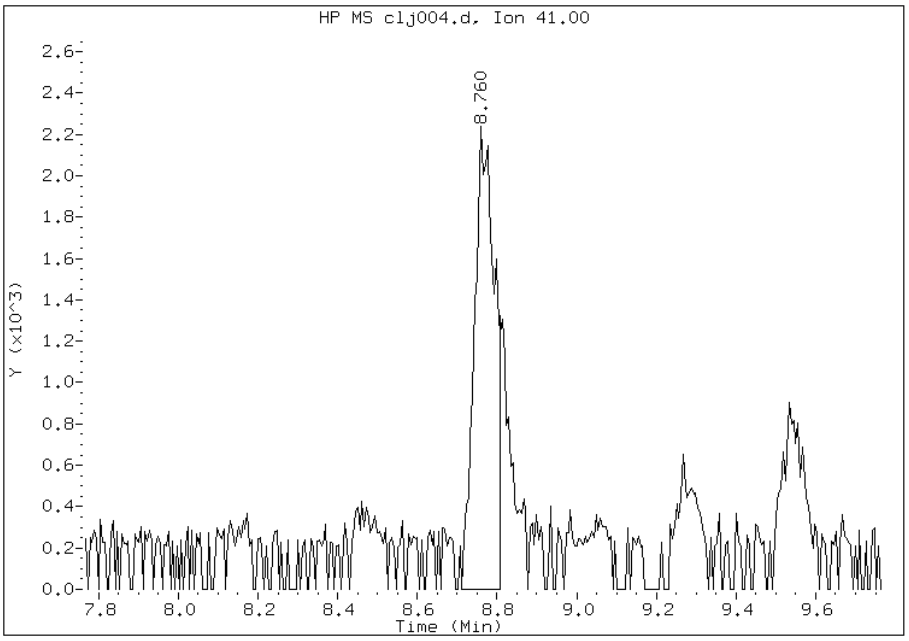
Manual Integration Results

RT: 8.76

Response: 8016

Amount: 0.228053

Conc: 0.228053



File Uploaded By: wrd
Manual Integration Reason: Baseline event

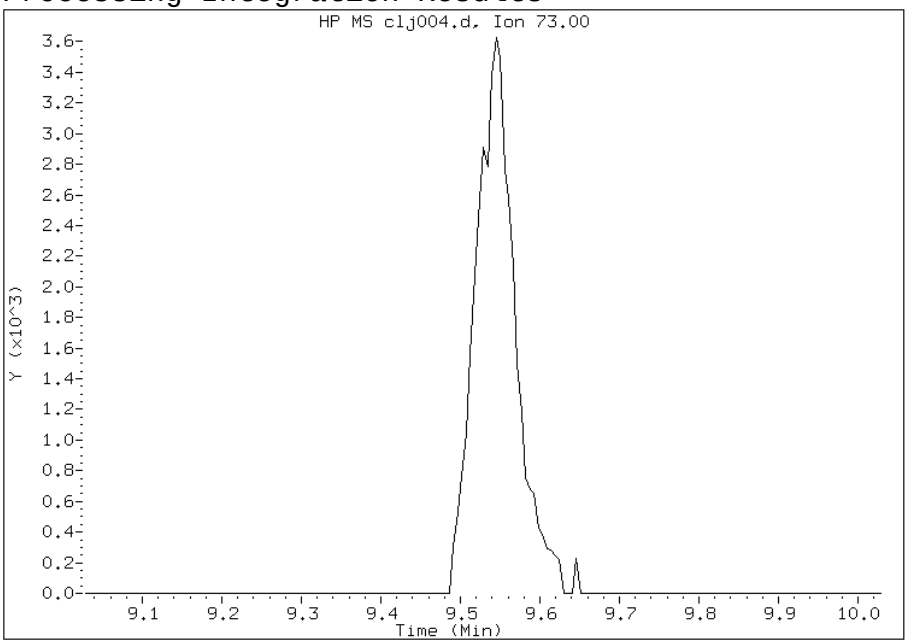
Manual Integration Report

Data File: clj004.d
Lab Sample ID: IC 472201
Inj. Date and Time: 22-MAR-2013 02:42
Instrument ID: C.i
Client ID:
Compound: 27 Methyl tert-butyl ether
CAS #: 1634-04-4
Report Date: 03/24/2013

Processing Integration Results

Not Detected

Expected RT: 9.53



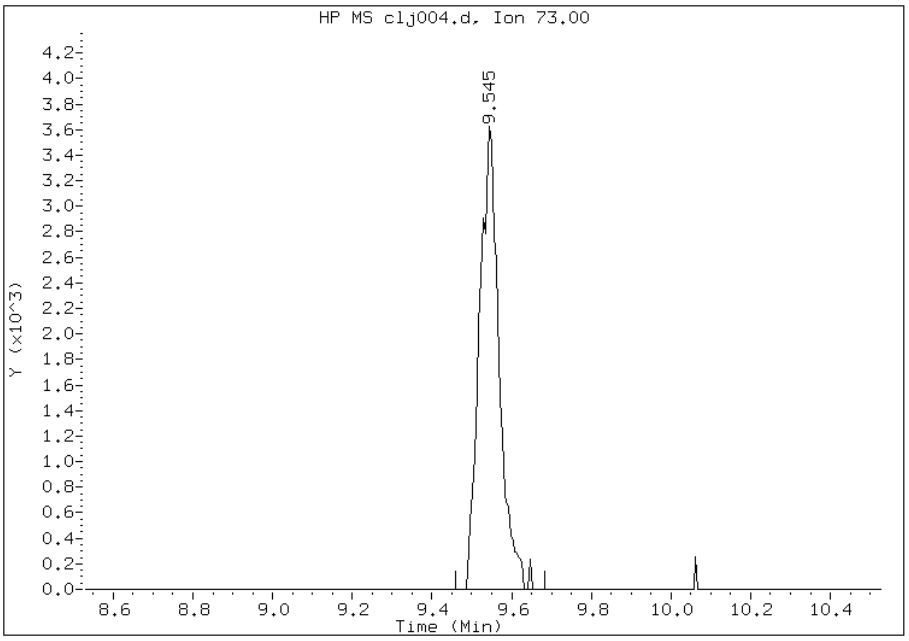
Manual Integration Results

RT: 9.54

Response: 12566

Amount: 0.225406

Conc: 0.225406



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clj004.d
Lab Sample ID: IC 472201
Inj. Date and Time: 22-MAR-2013 02:42
Instrument ID: C.i
Client ID:
Compound: 61 Tetrachloroethene
CAS #: 127-18-4
Report Date: 03/24/2013

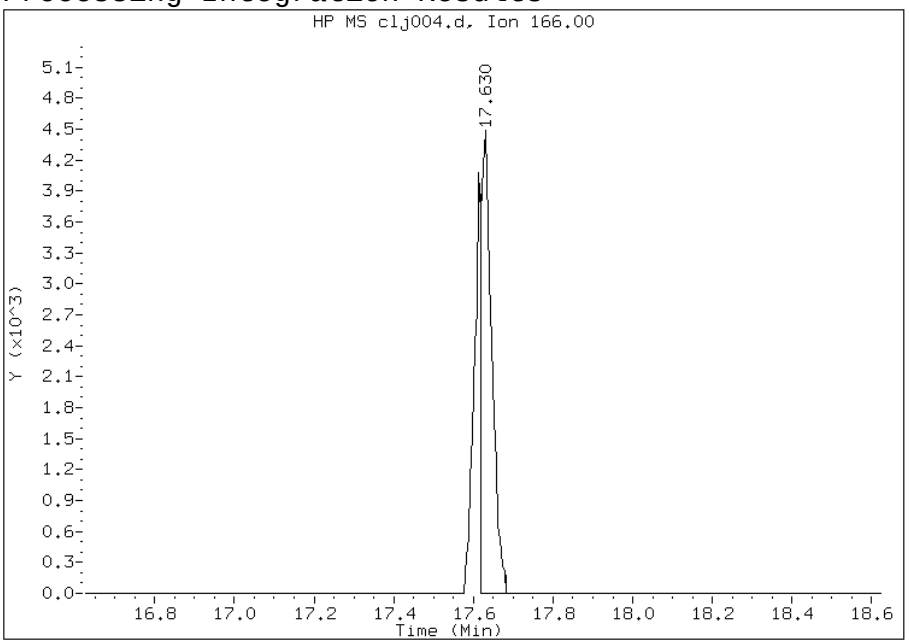
Processing Integration Results

RT: 17.63

Response: 8343

Amount: 0.137288

Conc: 0.137288



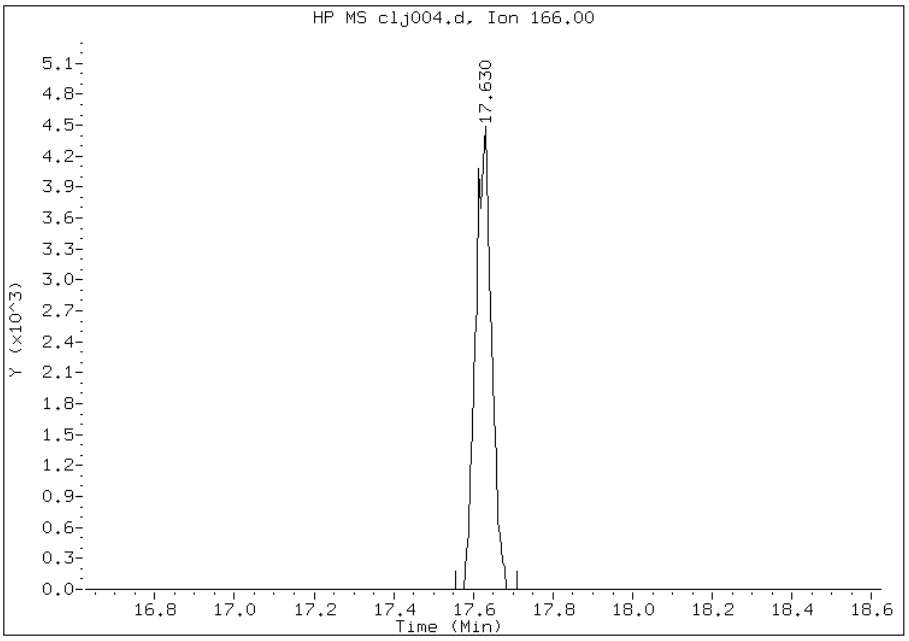
Manual Integration Results

RT: 17.63

Response: 12430

Amount: 0.195166

Conc: 0.195166



File Uploaded By: wrd
Manual Integration Reason: Baseline event

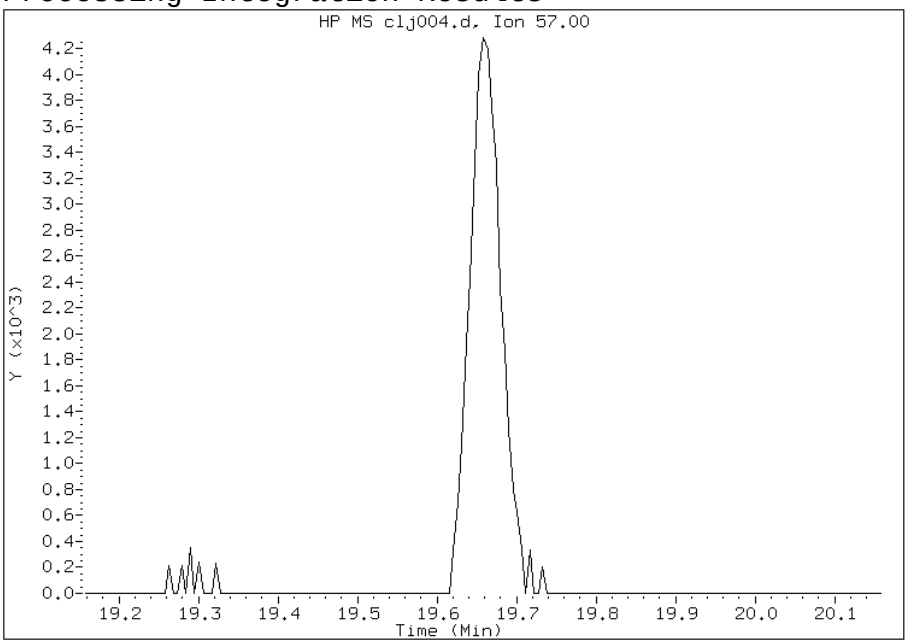
Manual Integration Report

Data File: clj004.d
Lab Sample ID: IC 472201
Inj. Date and Time: 22-MAR-2013 02:42
Instrument ID: C.i
Client ID:
Compound: 67 n-Nonane
CAS #: 111-84-2
Report Date: 03/24/2013

Processing Integration Results

Not Detected

Expected RT: 19.66



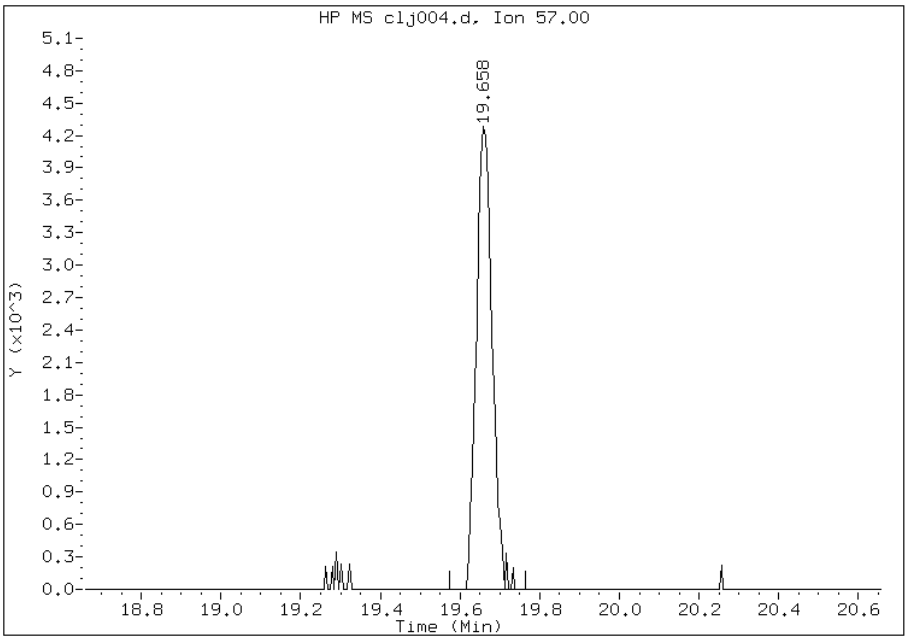
Manual Integration Results

RT: 19.66

Response: 11887

Amount: 0.206500

Conc: 0.206500



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: clj004.d
Lab Sample ID: IC 472201
Inj. Date and Time: 22-MAR-2013 02:42
Instrument ID: C.i
Client ID:
Compound: 75 1,1,2,2-Tetrachloroethane
CAS #: 79-34-5
Report Date: 03/24/2013

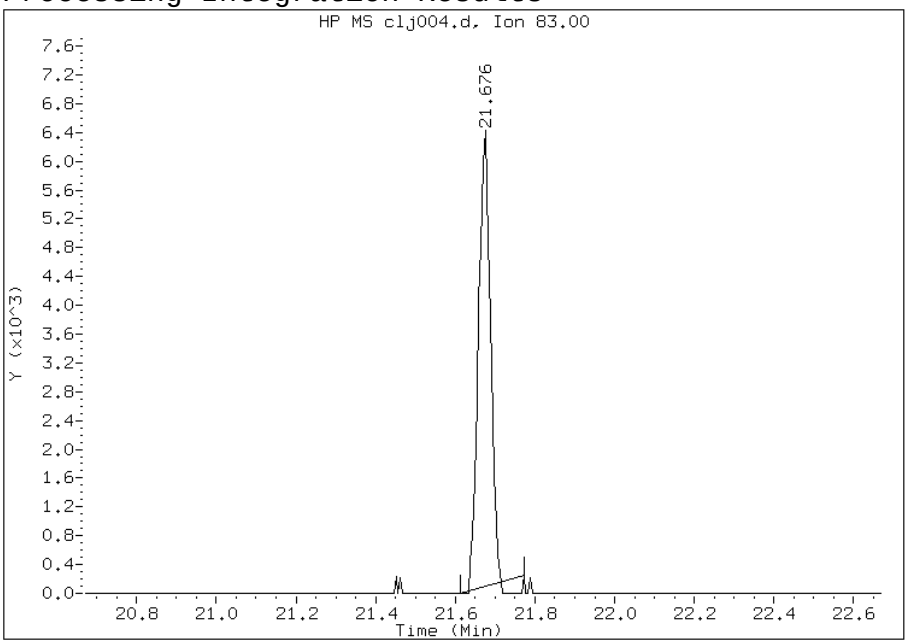
Processing Integration Results

RT: 21.68

Response: 12517

Amount: 0.186099

Conc: 0.186099



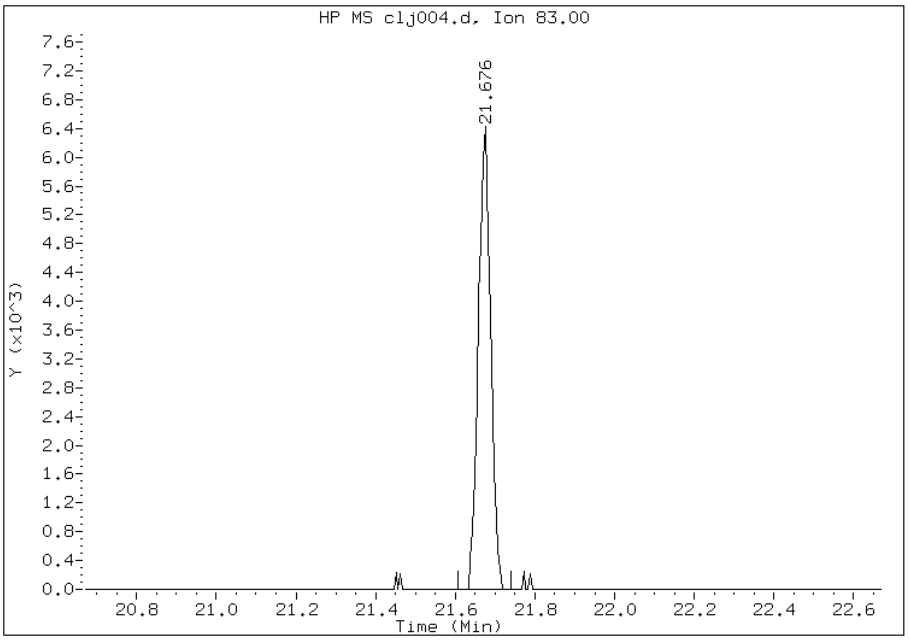
Manual Integration Results

RT: 21.68

Response: 13664

Amount: 0.200694

Conc: 0.200694



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj005.d
Lab Smp Id: IC 472575
Inj Date : 22-MAR-2013 03:35
Operator : AHK Inst ID: C.i
Smp Info : IC 472575
Misc Info : 200,1, level 2
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:30 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 03:35 Cal File: clj005.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.186	4.192	(0.350)	11899	0.50000	0.58(a)
2 Dichlorodifluoromethane	85	4.277	4.283	(0.358)	36203	0.50000	0.53
3 Chlorodifluoromethane	51	4.336	4.336	(0.363)	19368	0.50000	0.54
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.619	(0.386)	37535	0.50000	0.50
5 Chloromethane	50	4.773	4.774	(0.399)	12108	0.50000	0.55
6 Butane	43	5.035	5.035	(0.421)	19471	0.50000	0.53
7 Vinyl chloride	62	5.072	5.072	(0.424)	12918	0.50000	0.50
8 1,3-Butadiene	54	5.168	5.174	(0.432)	9252	0.50000	0.49
9 Bromomethane	94	5.942	5.942	(0.497)	12262	0.50000	0.52
10 Chloroethane	64	6.198	6.209	(0.519)	6311	0.50000	0.54
11 2-Methylbutane	43	6.327	6.327	(0.529)	12585	0.50000	0.47
12 Vinyl bromide	106	6.641	6.641	(0.556)	11652	0.50000	0.48
13 Trichlorofluoromethane	101	6.775	6.775	(0.567)	32080	0.50000	0.50
14 Pentane	43	6.946	6.946	(0.581)	21251	0.50000	0.53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.325	7.325	(0.613)	44370	5.00000	6.0
16	Ethyl ether	59	7.501	7.485	(0.628)	6816	0.50000	0.52
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.933	7.938	(0.664)	22750	0.50000	0.48
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.965	7.970	(0.666)	11256	0.50000	0.48
20	Acetone	43	8.162	8.152	(0.683)	22514	0.50000	1.1(a)
21	Carbon disulfide	76	8.403	8.403	(0.703)	31757	0.50000	0.48(a)
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	8.765	8.766	(0.733)	16487	0.50000	0.50(M)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	9.048	9.048	(0.757)	13298	0.50000	0.57
26	Tert-butyl alcohol	59	9.273	9.267	(0.776)	14832	0.50000	0.52(a)
27	Methyl tert-butyl ether	73	9.534	9.529	(0.798)	26808	0.50000	0.51
28	1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	16153	0.50000	0.49
29	Acrylonitrile	53	9.603	9.598	(0.804)	6705	0.50000	0.49(a)
30	n-Hexane	57	9.993	9.993	(0.836)	18865	0.50000	0.50
31	1,1-Dichloroethane	63	10.409	10.409	(0.871)	20566	0.50000	0.49
32	Vinyl acetate	43	10.473	10.473	(0.876)	23117	0.50000	0.54(a)
M 33	1,2-Dichloroethene,Total	61				29272	1.00000	0.98
34	1,2-Dichloroethene (cis)	96	11.503	11.514	(0.962)	13119	0.50000	0.49
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	11.530	11.525	(0.965)	5228	0.50000	0.57
* 37	Bromochloromethane	128	11.952	11.952	(1.000)	274257	10.0000	
38	Tetrahydrofuran	42	12.026	12.010	(0.873)	10844	0.50000	0.56(a)
39	Chloroform	83	12.064	12.069	(1.009)	25081	0.50000	0.50
40	Cyclohexane	84	12.411	12.421	(0.901)	17847	0.50000	0.49(Q)
41	1,1,1-Trichloroethane	97	12.389	12.384	(0.899)	27382	0.50000	0.49
42	Carbon tetrachloride	117	12.651	12.651	(0.918)	31004	0.50000	0.48
43	2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	58248	0.50000	0.49
44	Benzene	78	13.046	13.051	(0.947)	39695	0.50000	0.50
45	1,2-Dichloroethane	62	13.163	13.163	(0.955)	14467	0.50000	0.49
46	n-Heptane	43	13.419	13.419	(0.974)	21100	0.50000	0.49
* 47	1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1382737	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	14.236	14.236	(1.033)	18675	0.50000	0.47
50	1,2-Dichloropropane	63	14.684	14.690	(1.066)	13322	0.50000	0.48
51	Methyl methacrylate	69	14.828	14.823	(1.076)	11295	0.50000	0.54
52	Dibromomethane	174	14.914	14.914	(1.083)	19138	0.50000	0.52
53	1,4-Dioxane	88	14.903	14.892	(1.082)	4704	0.50000	0.54(a)
54	Bromodichloromethane	83	15.164	15.165	(1.101)	26103	0.50000	0.47
55	1,3-Dichloropropene (cis)	75	16.013	16.008	(1.162)	21216	0.50000	0.48
56	Methyl isobutyl ketone	43	16.248	16.248	(1.179)	20048	0.50000	0.55
57	n-Octane	43	16.680	16.680	(1.211)	29696	0.50000	0.49(a)
58	Toluene	92	16.584	16.589	(0.859)	28402	0.50000	0.47
59	1,3-Dichloropropene (trans)	75	17.070	17.075	(1.239)	21261	0.50000	0.50
60	1,1,2-Trichloroethane	83	17.417	17.417	(0.903)	13455	0.50000	0.48
61	Tetrachloroethene	166	17.619	17.625	(0.913)	29078	0.50000	0.48

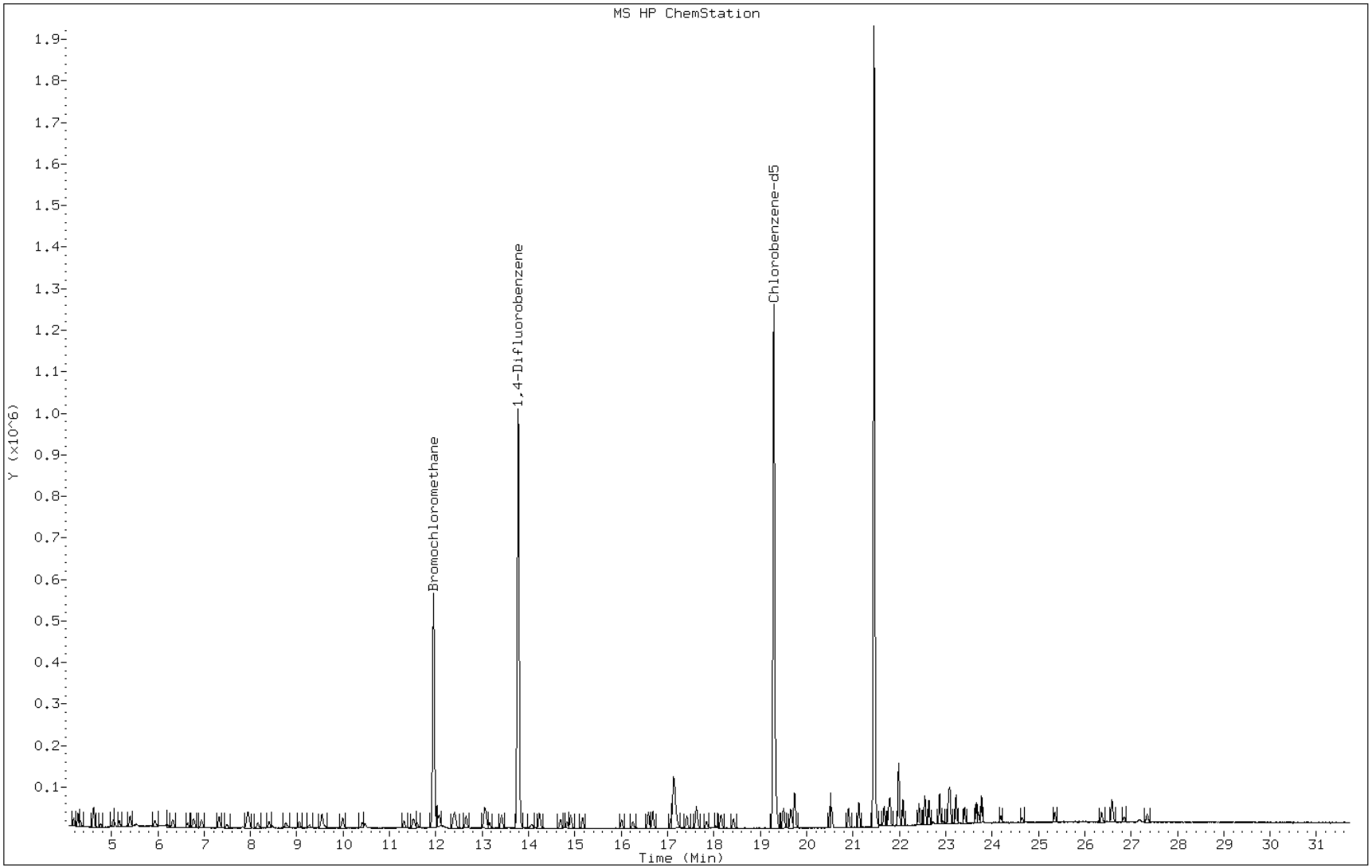
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.838	17.833	(0.924)	19819	0.50000	0.53
63	Dibromochloromethane	129	18.153	18.153	(0.941)	30796	0.50000	0.45
64	1,2-Dibromoethane	107	18.420	18.425	(0.955)	26674	0.50000	0.46
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1313841	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	42107	0.50000	0.47
67	n-Nonane	57	19.663	19.658	(1.019)	25479	0.50000	0.47
68	Ethylbenzene	91	19.503	19.503	(1.011)	56715	0.50000	0.48
69	Xylene (m,p)	106	19.738	19.744	(1.023)	46259	1.00000	0.97
M 70	Xylenes, Total	106				68667	0.50000	1.4
71	Xylene (o)	106	20.507	20.507	(1.063)	22408	0.50000	0.48
72	Styrene	104	20.544	20.539	(1.065)	32614	0.50000	0.46
73	Bromoform	173	20.902	20.902	(1.083)	31099	0.50000	0.48
74	Isopropylbenzene	105	21.126	21.126	(1.095)	61312	0.50000	0.47
75	1,1,2,2-Tetrachloroethane	83	21.675	21.670	(1.123)	31451	0.50000	0.49
76	n-Propylbenzene	91	21.798	21.798	(1.130)	67880	0.50000	0.46
77	1,2,3-Trichloropropane	75	21.777	21.772	(1.129)	26644	0.50000	0.53
78	n-Decane	57	21.996	21.996	(1.140)	21367	0.50000	0.44(a)
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	57920	0.50000	0.48
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	53524	0.50000	0.50
81	1,3,5-Trimethylbenzene	105	22.076	22.076	(1.144)	45722	0.50000	0.44
82	Alpha Methyl Styrene	118	22.423	22.423	(1.162)	22205	0.50000	0.41
83	tert-butylbenzene	119	22.551	22.551	(1.169)	49463	0.50000	0.46
84	1,2,4-Trimethylbenzene	105	22.641	22.642	(1.173)	42954	0.50000	0.43
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	66533	0.50000	0.44
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	53363	0.50000	0.43
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	43730	0.50000	0.53
88	1,4-Dichlorobenzene	146	23.229	23.229	(1.204)	42561	0.50000	0.52
89	Benzyl chloride	91	23.410	23.405	(1.213)	37717	0.50000	0.42
90	Undecane	57	23.709	23.709	(1.229)	12476	0.50000	0.43(a)
91	n-Butylbenzene	91	23.655	23.656	(1.226)	36265	0.50000	0.38
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	38943	0.50000	0.50
93	Dodecane	57	25.347	25.347	(1.314)	13028	0.50000	1.7(a)
94	1,2,4-Trichlorobenzene	180	26.372	26.367	(1.367)	15936	0.50000	0.48(a)
95	1,3-Hexachlorobutadiene	225	26.596	26.591	(1.378)	19809	0.50000	0.49
96	Naphthalene	128	26.847	26.847	(1.391)	19248	0.50000	0.42(a)
97	1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	13066	0.50000	0.48

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: clj005.d
Client ID:
Operator: AHK
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 472575
Lab Sample ID: IC 472575

Date: 22-MAR-2013 03:35
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: clj005.d
Lab Sample ID: IC 472575
Inj. Date and Time: 22-MAR-2013 03:35
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

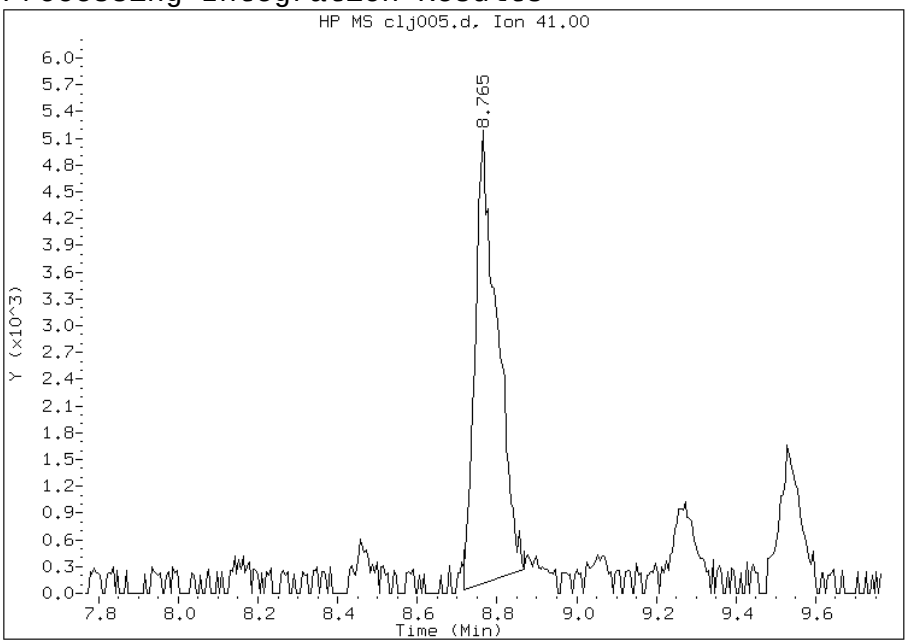
Processing Integration Results

RT: 8.77

Response: 19692

Amount: 0.469706

Conc: 0.469706



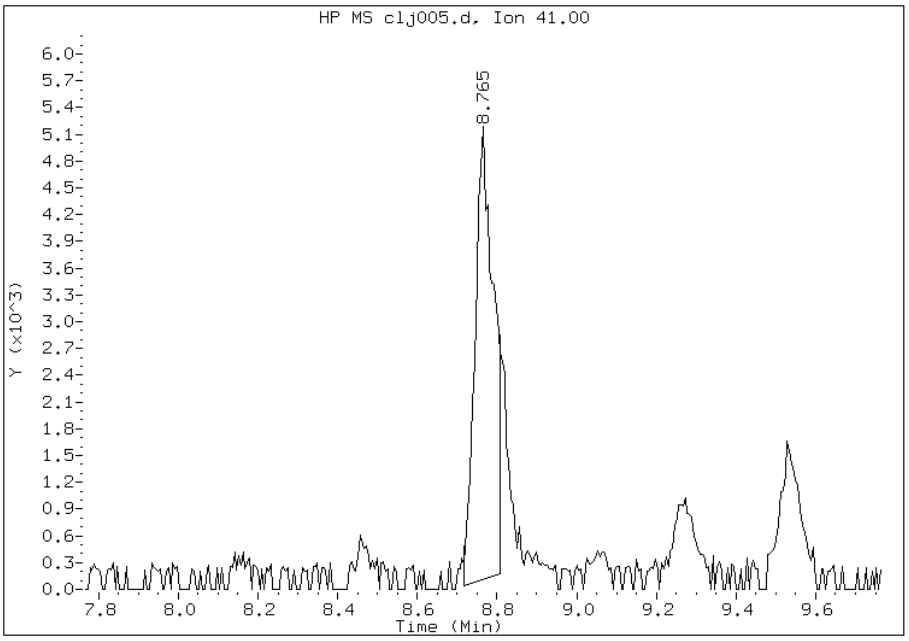
Manual Integration Results

RT: 8.77

Response: 16487

Amount: 0.496801

Conc: 0.496801



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj007.d
Lab Smp Id: ICIS 472057
Inj Date : 22-MAR-2013 05:20
Operator : AHK Inst ID: C.i
Smp Info : ICIS 472057
Misc Info : 100,1, level 4
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:30 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 05:20 Cal File: clj007.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	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	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	4.192	4.192	(0.351)	221366	10.0000	9.8
2	Dichlorodifluoromethane	85	4.283	4.283	(0.358)	785996	10.0000	10
3	Chlorodifluoromethane	51	4.336	4.336	(0.363)	404557	10.0000	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.619	(0.386)	834615	10.0000	10
5	Chloromethane	50	4.774	4.774	(0.399)	239619	10.0000	9.9
6	Butane	43	5.035	5.035	(0.421)	405067	10.0000	10
7	Vinyl chloride	62	5.072	5.072	(0.424)	282070	10.0000	9.9
8	1,3-Butadiene	54	5.174	5.174	(0.433)	209515	10.0000	10
9	Bromomethane	94	5.942	5.942	(0.497)	257955	10.0000	9.9
10	Chloroethane	64	6.209	6.209	(0.520)	127970	10.0000	9.9
11	2-Methylbutane	43	6.327	6.327	(0.529)	273638	10.0000	9.2
12	Vinyl bromide	106	6.641	6.641	(0.556)	268965	10.0000	10
13	Trichlorofluoromethane	101	6.775	6.775	(0.567)	722221	10.0000	10
14	Pentane	43	6.946	6.946	(0.581)	431304	10.0000	9.7

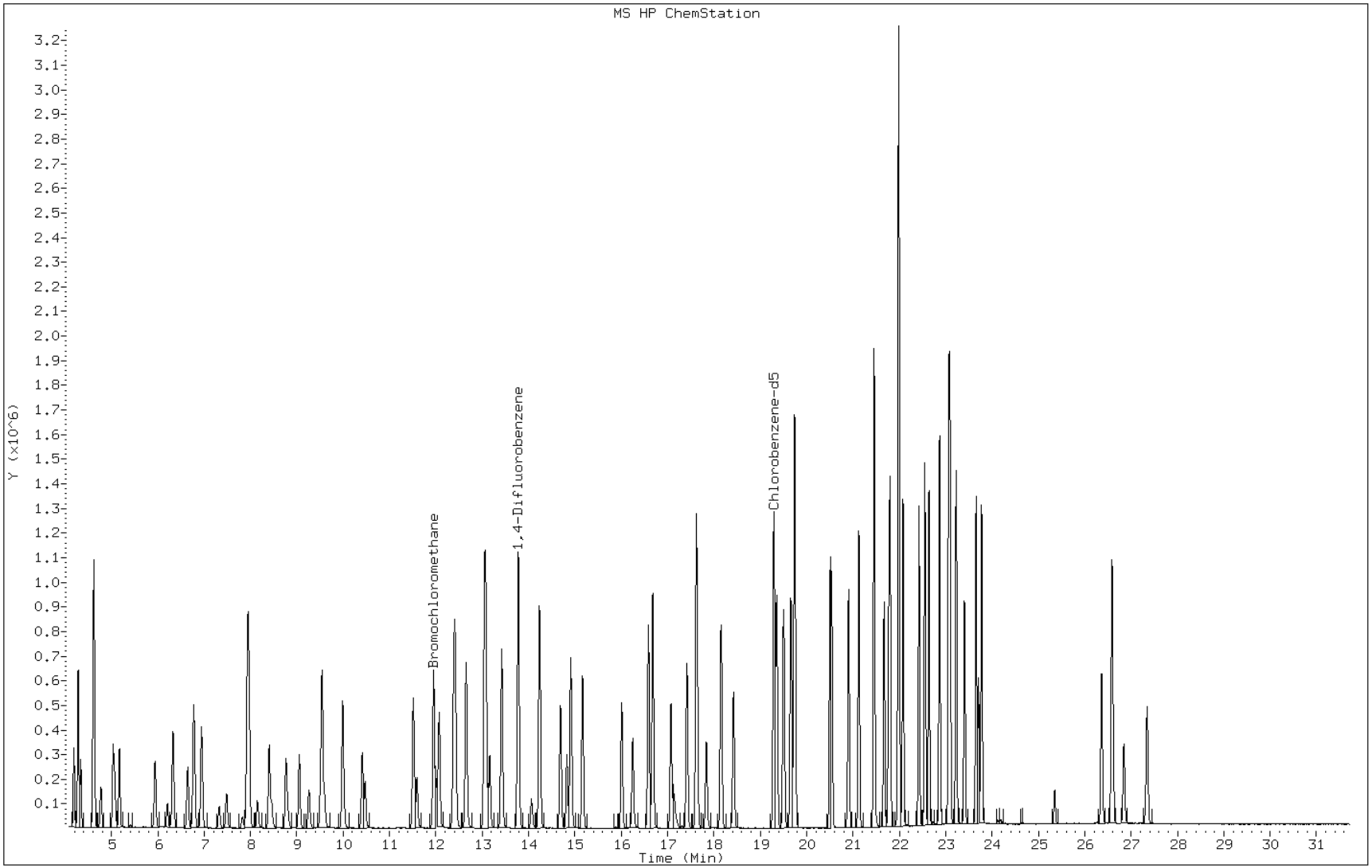
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.325	7.325	(0.613)	143856	15.0000	18
16	Ethyl ether	59	7.485	7.485	(0.626)	125026	10.0000	8.6
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	529421	10.0000	10
18	Acrolein	56	7.832	7.832	(0.655)	63970	10.0000	8.3
19	1,1-Dichloroethene	96	7.970	7.970	(0.667)	255899	10.0000	9.9
20	Acetone	43	8.152	8.152	(0.682)	200007	10.0000	8.7
21	Carbon disulfide	76	8.403	8.403	(0.703)	731414	10.0000	10
22	Isopropanol	45	8.456	8.456	(0.708)	201480	10.0000	9.7
23	Allyl chloride	41	8.766	8.766	(0.733)	331211	10.0000	9.0(M)
24	Acetonitrile	41	8.798	8.766	(0.736)	107848	10.0000	11(QM)
25	Methylene chloride	49	9.048	9.048	(0.757)	250983	10.0000	9.8
26	Tert-butyl alcohol	59	9.267	9.267	(0.775)	313537	10.0000	10
27	Methyl tert-butyl ether	73	9.529	9.529	(0.797)	496998	10.0000	8.6
28	1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	372818	10.0000	10
29	Acrylonitrile	53	9.598	9.598	(0.803)	138640	10.0000	9.1
30	n-Hexane	57	9.993	9.993	(0.836)	409029	10.0000	9.8
31	1,1-Dichloroethane	63	10.409	10.409	(0.871)	467194	10.0000	10
32	Vinyl acetate	43	10.473	10.473	(0.876)	407056	10.0000	8.6
M 33	1,2-Dichloroethene,Total	61				663221	20.0000	20
34	1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	290403	10.0000	9.9
35	Ethyl acetate	88	11.589	11.589	(0.970)	15898	10.0000	8.6
36	Methyl Ethyl Ketone	72	11.525	11.525	(0.964)	88004	10.0000	8.6
* 37	Bromochloromethane	128	11.952	11.952	(1.000)	302682	10.0000	
38	Tetrahydrofuran	42	12.010	12.010	(0.872)	186694	10.0000	8.8
39	Chloroform	83	12.069	12.069	(1.010)	560078	10.0000	10
40	Cyclohexane	84	12.421	12.421	(0.902)	407084	10.0000	10
41	1,1,1-Trichloroethane	97	12.384	12.384	(0.899)	632313	10.0000	10
42	Carbon tetrachloride	117	12.651	12.651	(0.918)	734099	10.0000	10
43	2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	1334755	10.0000	10
44	Benzene	78	13.051	13.051	(0.947)	857440	10.0000	9.8
45	1,2-Dichloroethane	62	13.163	13.163	(0.955)	338106	10.0000	10
46	n-Heptane	43	13.419	13.419	(0.974)	474506	10.0000	10
* 47	1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1530199	10.0000	
48	n-Butanol	56	14.065	14.065	(1.021)	108868	10.0000	9.7
49	Trichloroethene	95	14.236	14.236	(1.033)	449518	10.0000	10
50	1,2-Dichloropropane	63	14.690	14.690	(1.066)	313545	10.0000	10
51	Methyl methacrylate	69	14.823	14.823	(1.076)	199845	10.0000	8.6
52	Dibromomethane	174	14.914	14.914	(1.083)	430961	10.0000	11
53	1,4-Dioxane	88	14.892	14.892	(1.081)	91848	10.0000	9.6
54	Bromodichloromethane	83	15.165	15.165	(1.101)	644287	10.0000	10
55	1,3-Dichloropropene (cis)	75	16.008	16.008	(1.162)	498265	10.0000	10
56	Methyl isobutyl ketone	43	16.248	16.248	(1.179)	392587	10.0000	9.7
57	n-Octane	43	16.680	16.680	(1.211)	666137	10.0000	9.9
58	Toluene	92	16.589	16.589	(0.860)	607306	10.0000	9.9
59	1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	476986	10.0000	10
60	1,1,2-Trichloroethane	83	17.417	17.417	(0.903)	294445	10.0000	10
61	Tetrachloroethene	166	17.625	17.625	(0.913)	688135	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.833	17.833	(0.924)	376926	10.0000	9.8
63	Dibromochloromethane	129	18.153	18.153	(0.941)	781691	10.0000	11
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	627719	10.0000	11
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1344517	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	951340	10.0000	10
67	n-Nonane	57	19.658	19.658	(1.019)	534274	10.0000	9.6
68	Ethylbenzene	91	19.503	19.503	(1.011)	1111264	10.0000	9.3
69	Xylene (m,p)	106	19.744	19.744	(1.023)	936698	20.0000	19
M 70	Xylenes, Total	106				1388614	10.0000	29
71	Xylene (o)	106	20.507	20.507	(1.063)	451916	10.0000	9.4
72	Styrene	104	20.539	20.539	(1.064)	704512	10.0000	9.7
73	Bromoform	173	20.902	20.902	(1.083)	715093	10.0000	11
74	Isopropylbenzene	105	21.126	21.126	(1.095)	1233744	10.0000	9.3
75	1,1,2,2-Tetrachloroethane	83	21.670	21.670	(1.123)	619609	10.0000	9.4
76	n-Propylbenzene	91	21.798	21.798	(1.130)	1416648	10.0000	9.4
77	1,2,3-Trichloropropane	75	21.772	21.772	(1.128)	477255	10.0000	9.3
78	n-Decane	57	21.996	21.996	(1.140)	490453	10.0000	9.8
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	1253276	10.0000	10(H)
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	1145114	10.0000	10(H)
81	1,3,5-Trimethylbenzene	105	22.076	22.076	(1.144)	1013742	10.0000	9.5
82	Alpha Methyl Styrene	118	22.423	22.423	(1.162)	559232	10.0000	10(H)
83	tert-butylbenzene	119	22.551	22.551	(1.169)	1041380	10.0000	9.5
84	1,2,4-Trimethylbenzene	105	22.642	22.642	(1.173)	1003335	10.0000	9.8
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	1479920	10.0000	9.6(H)
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	1281320	10.0000	10
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	859001	10.0000	10
88	1,4-Dichlorobenzene	146	23.229	23.229	(1.204)	847573	10.0000	10(H)
89	Benzyl chloride	91	23.405	23.405	(1.213)	892306	10.0000	9.7
90	Undecane	57	23.709	23.709	(1.229)	279173	10.0000	9.5
91	n-Butylbenzene	91	23.656	23.656	(1.226)	984959	10.0000	10
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	805355	10.0000	10
93	Dodecane	57	25.347	25.347	(1.314)	73025	10.0000	9.3
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	370922	10.0000	11
95	1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	385416	10.0000	9.4
96	Naphthalene	128	26.847	26.847	(1.391)	507385	10.0000	11
97	1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	311022	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File:	clj007.d	Date:	22-MAR-2013 05:20
Client ID:		Instrument:	C.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ICIS 472057		
Lab Sample ID:	ICIS 472057		



Manual Integration Report

Data File: clj007.d
Lab Sample ID: ICIS 472057
Inj. Date and Time: 22-MAR-2013 05:20
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

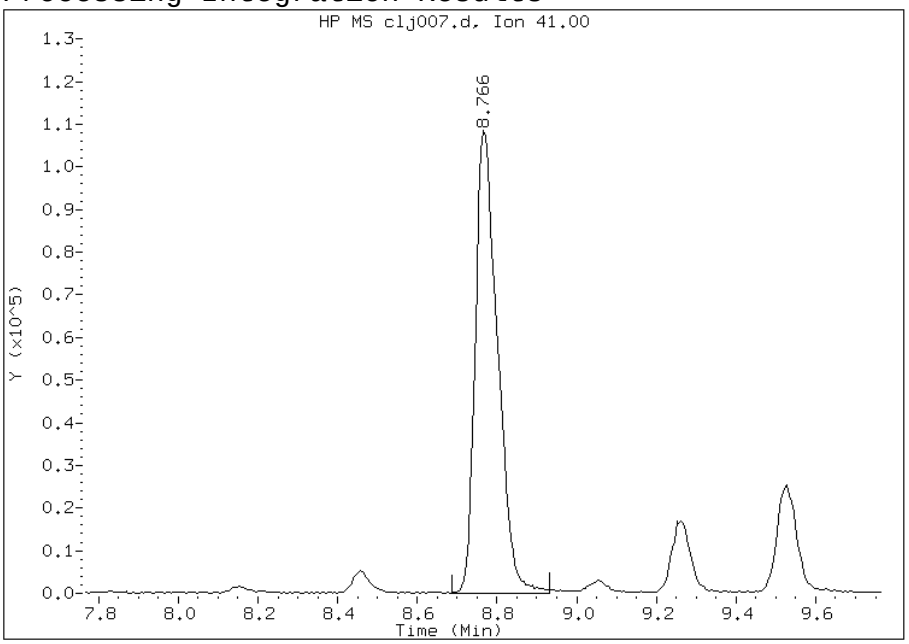
Processing Integration Results

RT: 8.77

Response: 422500

Amount: 10.00

Conc: 10.00



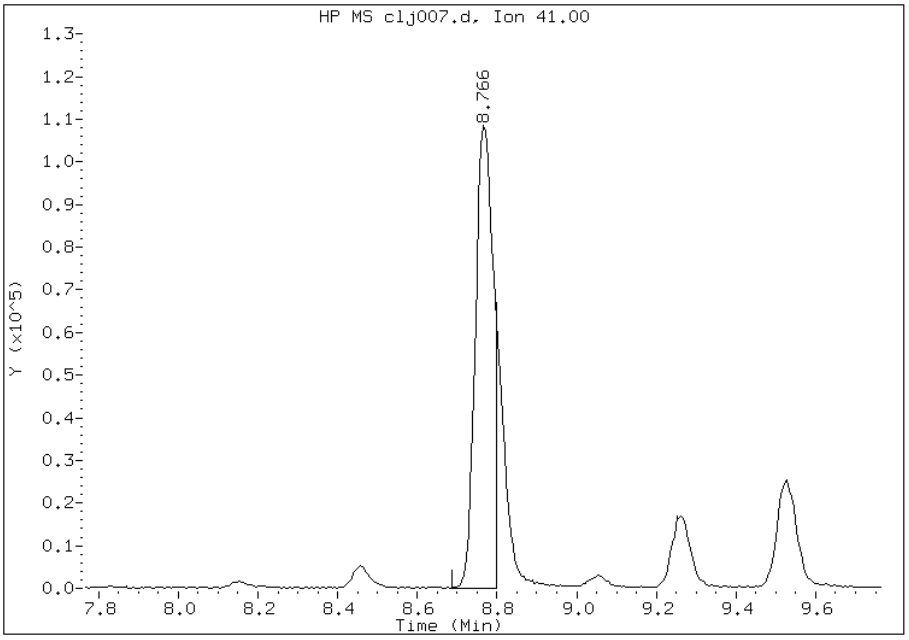
Manual Integration Results

RT: 8.77

Response: 331211

Amount: 9.04

Conc: 9.04



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clj007.d
Lab Sample ID: ICIS 472057
Inj. Date and Time: 22-MAR-2013 05:20
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2013

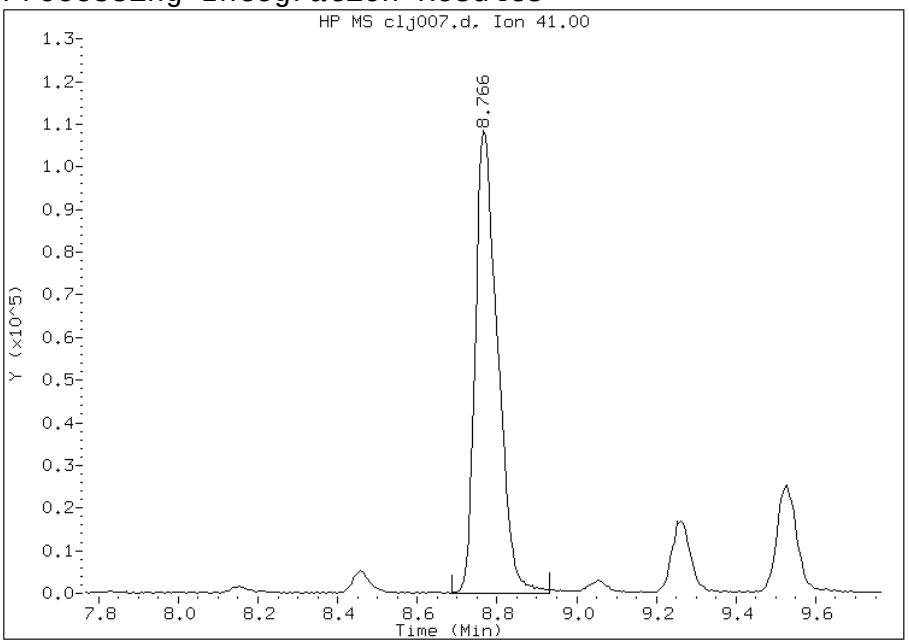
Processing Integration Results

RT: 8.77

Response: 422500

Amount: 9.64

Conc: 9.64



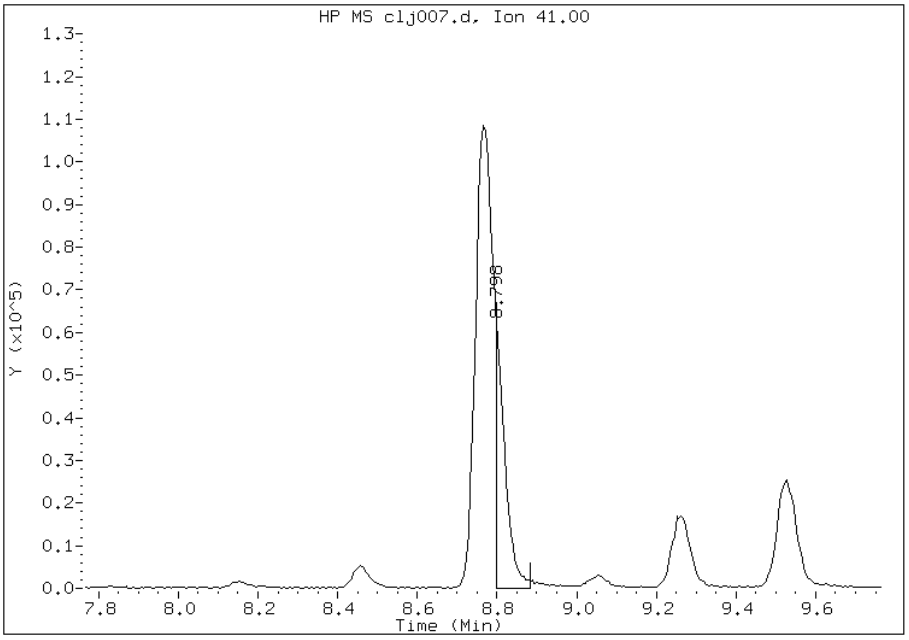
Manual Integration Results

RT: 8.80

Response: 107848

Amount: 11.37

Conc: 11.37



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj008.d
Lab Smp Id: IC 472059
Inj Date : 22-MAR-2013 06:13
Operator : AHK Inst ID: C.i
Smp Info : IC 472059
Misc Info : 200,1, level 5
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:30 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 06:13 Cal File: clj008.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.192	4.192	(0.351)	356751	15.0000	14
2 Dichlorodifluoromethane	85	4.283	4.283	(0.358)	1265641	15.0000	15
3 Chlorodifluoromethane	51	4.336	4.336	(0.363)	649009	15.0000	14
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.619	(0.386)	1363314	15.0000	15
5 Chloromethane	50	4.774	4.774	(0.399)	392464	15.0000	14
6 Butane	43	5.035	5.035	(0.421)	663535	15.0000	15
7 Vinyl chloride	62	5.078	5.072	(0.425)	464043	15.0000	14
8 1,3-Butadiene	54	5.168	5.174	(0.432)	334326	15.0000	14
9 Bromomethane	94	5.942	5.942	(0.497)	422637	15.0000	14
10 Chloroethane	64	6.209	6.209	(0.520)	209845	15.0000	14
11 2-Methylbutane	43	6.327	6.327	(0.529)	463054	15.0000	14
12 Vinyl bromide	106	6.641	6.641	(0.556)	452356	15.0000	15
13 Trichlorofluoromethane	101	6.780	6.775	(0.567)	1184084	15.0000	15
14 Pentane	43	6.946	6.946	(0.581)	728705	15.0000	15

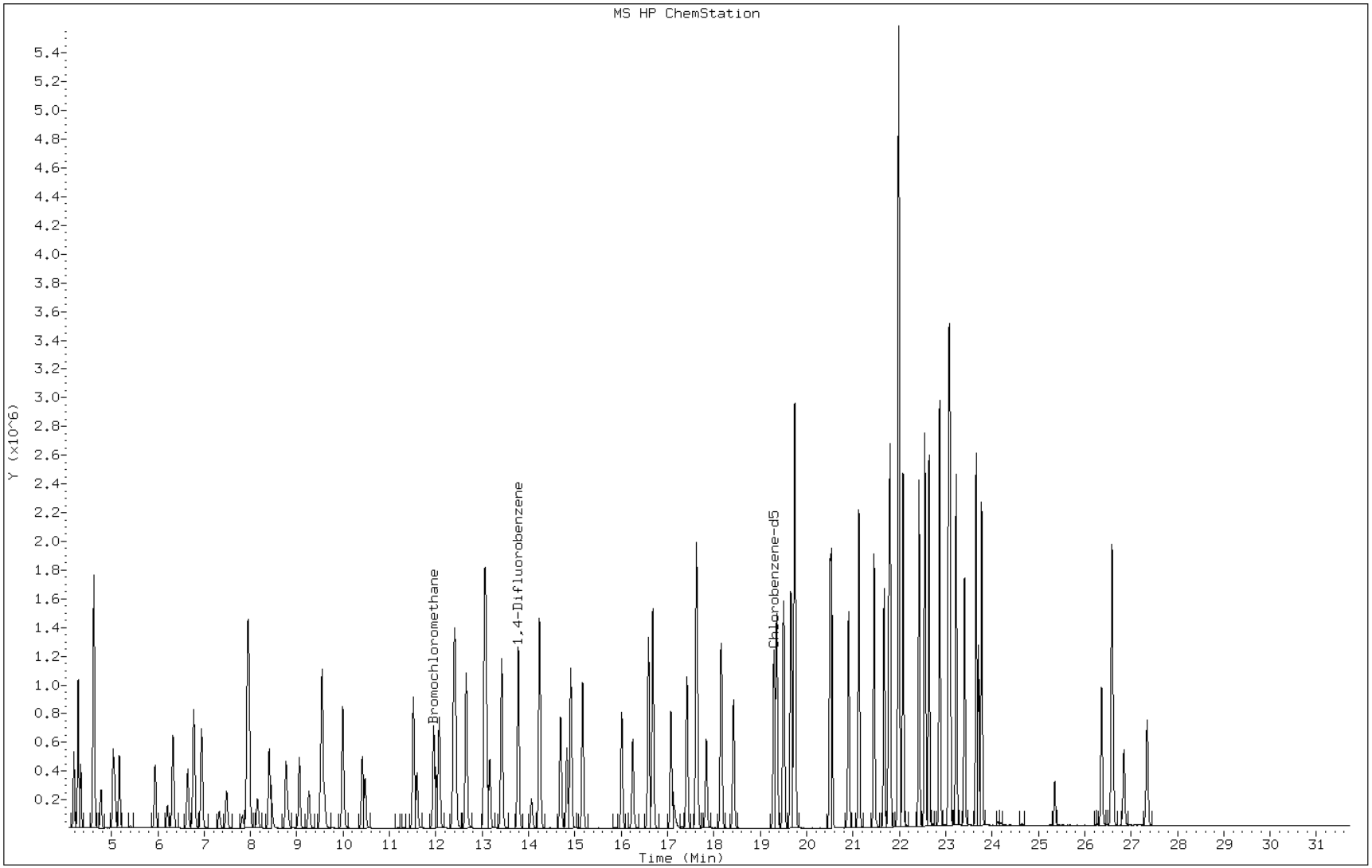
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.325	7.325	(0.613)	196727	20.0000	22
	16 Ethyl ether	59	7.485	7.485	(0.626)	232165	15.0000	14
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	884779	15.0000	15
	18 Acrolein	56	7.826	7.832	(0.655)	123357	15.0000	14
	19 1,1-Dichloroethene	96	7.965	7.970	(0.666)	431838	15.0000	15
	20 Acetone	43	8.152	8.152	(0.682)	379592	15.0000	15
	21 Carbon disulfide	76	8.403	8.403	(0.703)	1222310	15.0000	15
	22 Isopropanol	45	8.456	8.456	(0.708)	352791	15.0000	15
	23 Allyl chloride	41	8.771	8.766	(0.734)	589653	15.0000	14(M)
	24 Acetonitrile	41	8.808	8.766	(0.737)	125259	15.0000	12(QM)
	25 Methylene chloride	49	9.054	9.048	(0.758)	408284	15.0000	14
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	524951	15.0000	15
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	931236	15.0000	14
	28 1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	611025	15.0000	15
	29 Acrylonitrile	53	9.598	9.598	(0.803)	240071	15.0000	14
	30 n-Hexane	57	9.993	9.993	(0.836)	685956	15.0000	15
	31 1,1-Dichloroethane	63	10.409	10.409	(0.871)	767156	15.0000	15
	32 Vinyl acetate	43	10.479	10.473	(0.877)	747054	15.0000	14
M	33 1,2-Dichloroethene,Total	61				1097358	30.0000	30
	34 1,2-Dichloroethene (cis)	96	11.509	11.514	(0.963)	486333	15.0000	15
	35 Ethyl acetate	88	11.589	11.589	(0.970)	29716	15.0000	14
	36 Methyl Ethyl Ketone	72	11.525	11.525	(0.964)	165015	15.0000	14
*	37 Bromochloromethane	128	11.952	11.952	(1.000)	340494	10.0000	
	38 Tetrahydrofuran	42	12.005	12.010	(0.871)	350294	15.0000	15
	39 Chloroform	83	12.069	12.069	(1.010)	924853	15.0000	15
	40 Cyclohexane	84	12.416	12.421	(0.901)	685871	15.0000	15
	41 1,1,1-Trichloroethane	97	12.389	12.384	(0.899)	1042306	15.0000	15
	42 Carbon tetrachloride	117	12.656	12.651	(0.919)	1192769	15.0000	15
	43 2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	2183869	15.0000	15
	44 Benzene	78	13.046	13.051	(0.947)	1425726	15.0000	14
	45 1,2-Dichloroethane	62	13.163	13.163	(0.955)	546140	15.0000	15
	46 n-Heptane	43	13.419	13.419	(0.974)	771169	15.0000	14
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1716886	10.0000	
	48 n-Butanol	56	14.065	14.065	(1.021)	189720	15.0000	15
	49 Trichloroethene	95	14.236	14.236	(1.033)	729499	15.0000	15
	50 1,2-Dichloropropane	63	14.689	14.690	(1.066)	500441	15.0000	15
	51 Methyl methacrylate	69	14.823	14.823	(1.076)	382951	15.0000	15
	52 Dibromomethane	174	14.914	14.914	(1.083)	683695	15.0000	15
	53 1,4-Dioxane	88	14.892	14.892	(1.081)	164135	15.0000	15
	54 Bromodichloromethane	83	15.170	15.165	(1.101)	1062030	15.0000	15
	55 1,3-Dichloropropene (cis)	75	16.013	16.008	(1.162)	799482	15.0000	15
	56 Methyl isobutyl ketone	43	16.248	16.248	(1.179)	656515	15.0000	14
	57 n-Octane	43	16.680	16.680	(1.211)	1060481	15.0000	14
	58 Toluene	92	16.589	16.589	(0.860)	984665	15.0000	17
	59 1,3-Dichloropropene (trans)	75	17.070	17.075	(1.239)	761712	15.0000	14
	60 1,1,2-Trichloroethane	83	17.417	17.417	(0.903)	469480	15.0000	17
	61 Tetrachloroethene	166	17.625	17.625	(0.913)	1076736	15.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.833	17.833	(0.924)	646371	15.0000	17
63	Dibromochloromethane	129	18.153	18.153	(0.941)	1241946	15.0000	18
64	1,2-Dibromoethane	107	18.420	18.425	(0.955)	1020636	15.0000	18
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1302763	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	1530249	15.0000	17
67	n-Nonane	57	19.658	19.658	(1.019)	950475	15.0000	18
68	Ethylbenzene	91	19.503	19.503	(1.011)	1988416	15.0000	17
69	Xylene (m,p)	106	19.744	19.744	(1.023)	1688040	30.0000	36
M 70	Xylenes, Total	106				2510180	15.0000	53
71	Xylene (o)	106	20.507	20.507	(1.063)	822140	15.0000	18
72	Styrene	104	20.539	20.539	(1.064)	1278657	15.0000	18
73	Bromoform	173	20.902	20.902	(1.083)	1132652	15.0000	18
74	Isopropylbenzene	105	21.126	21.126	(1.095)	2315356	15.0000	18
75	1,1,2,2-Tetrachloroethane	83	21.675	21.670	(1.123)	1147504	15.0000	18
76	n-Propylbenzene	91	21.798	21.798	(1.130)	2670040	15.0000	18
77	1,2,3-Trichloropropane	75	21.772	21.772	(1.128)	878299	15.0000	18
78	n-Decane	57	21.996	21.996	(1.140)	973983	15.0000	20
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	2275897	15.0000	19
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	1926633	15.0000	18
81	1,3,5-Trimethylbenzene	105	22.081	22.076	(1.144)	1948047	15.0000	19
82	Alpha Methyl Styrene	118	22.423	22.423	(1.162)	1061781	15.0000	20
83	tert-butylbenzene	119	22.551	22.551	(1.169)	1956657	15.0000	18
84	1,2,4-Trimethylbenzene	105	22.641	22.642	(1.173)	1917451	15.0000	19
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	2831041	15.0000	19
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	2424532	15.0000	20
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1465143	15.0000	18
88	1,4-Dichlorobenzene	146	23.229	23.229	(1.204)	1464068	15.0000	18
89	Benzyl chloride	91	23.410	23.405	(1.213)	1707925	15.0000	19
90	Undecane	57	23.709	23.709	(1.229)	576616	15.0000	20
91	n-Butylbenzene	91	23.655	23.656	(1.226)	1942355	15.0000	20
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	1403910	15.0000	18
93	Dodecane	57	25.353	25.347	(1.314)	163457	15.0000	21
94	1,2,4-Trichlorobenzene	180	26.361	26.367	(1.366)	577353	15.0000	18
95	1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	704408	15.0000	18
96	Naphthalene	128	26.847	26.847	(1.391)	819360	15.0000	18
97	1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	474489	15.0000	18

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clj008.d	Date:	22-MAR-2013 06:13
Client ID:		Instrument:	C.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	IC 472059		
Lab Sample ID:	IC 472059		



Manual Integration Report

Data File: clj008.d
Lab Sample ID: IC 472059
Inj. Date and Time: 22-MAR-2013 06:13
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

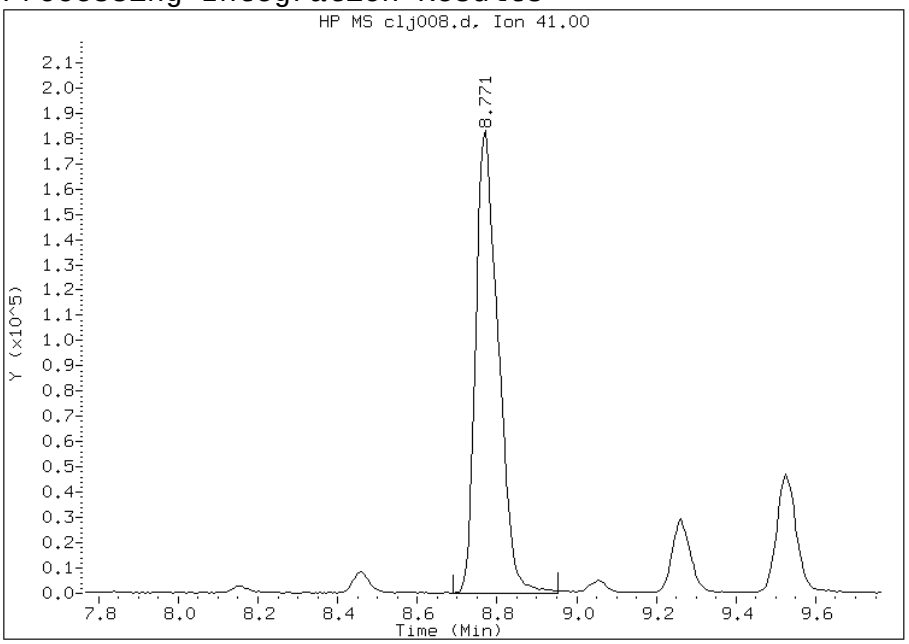
Processing Integration Results

RT: 8.77

Response: 720349

Amount: 14.14

Conc: 14.14



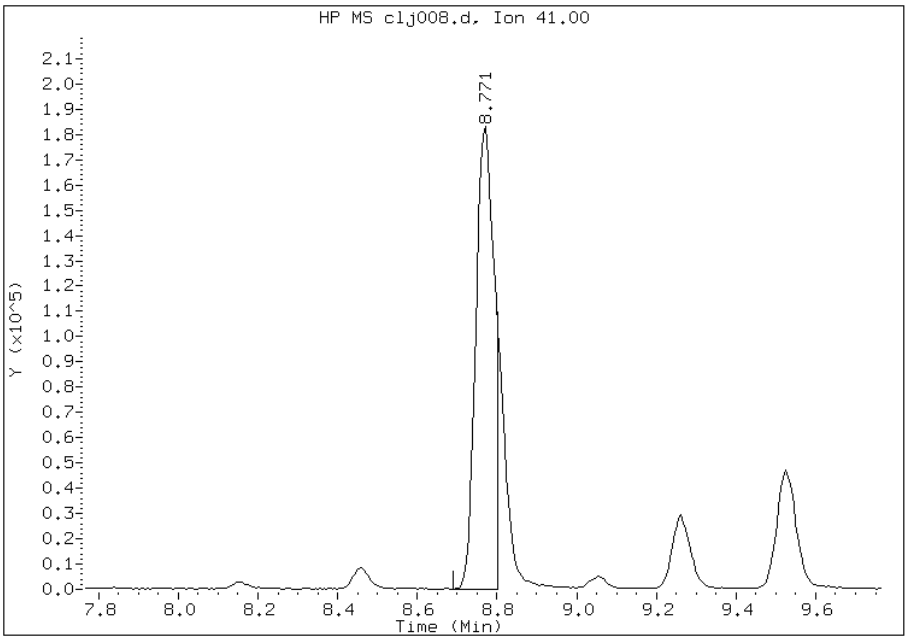
Manual Integration Results

RT: 8.77

Response: 589653

Amount: 14.31

Conc: 14.31



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clj008.d
Lab Sample ID: IC 472059
Inj. Date and Time: 22-MAR-2013 06:13
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2013

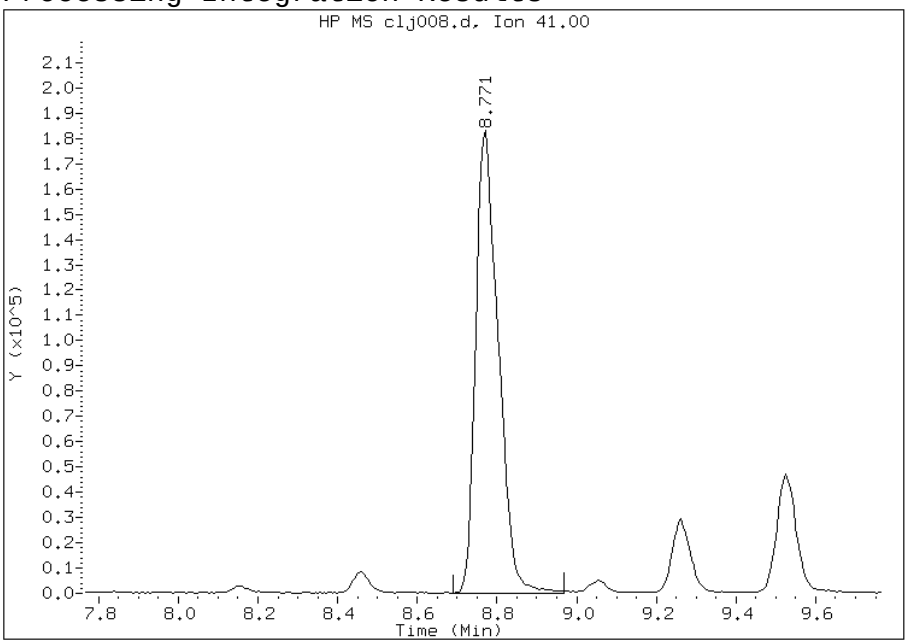
Processing Integration Results

RT: 8.77

Response: 721237

Amount: 38.74

Conc: 38.74



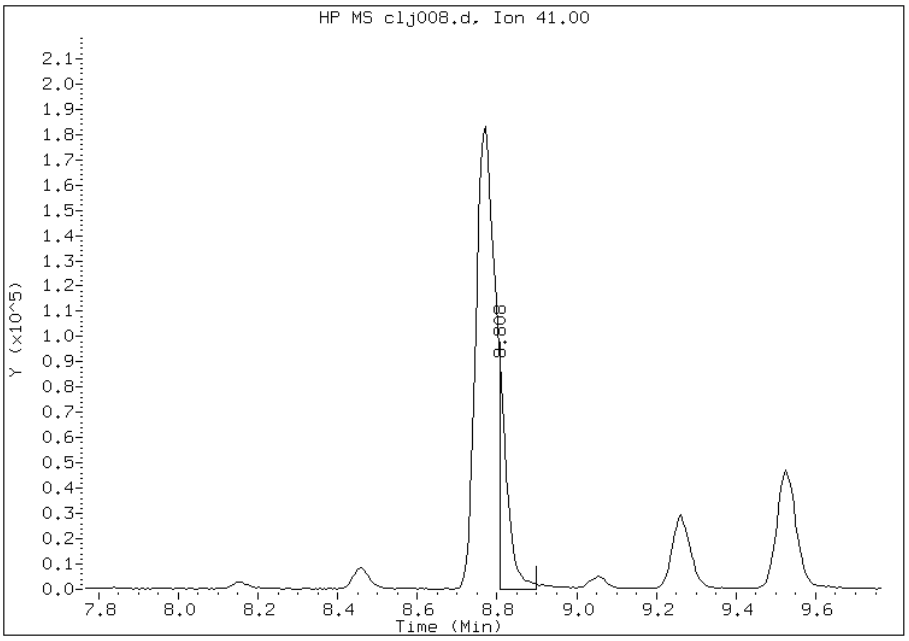
Manual Integration Results

RT: 8.81

Response: 125259

Amount: 11.74

Conc: 11.74



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj009.d
Lab Smp Id: IC 472057
Inj Date : 22-MAR-2013 07:05
Operator : AHK Inst ID: C.i
Smp Info : IC 472057
Misc Info : 200,1, level 6
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:30 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 07:05 Cal File: clj009.d
Als bottle: 5 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1	Propene	41	4.192	4.192	(0.351)	491907	20.0000	18
2	Dichlorodifluoromethane	85	4.277	4.283	(0.358)	1731905	20.0000	19
3	Chlorodifluoromethane	51	4.336	4.336	(0.363)	893227	20.0000	18
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.619	(0.386)	1891306	20.0000	19
5	Chloromethane	50	4.773	4.774	(0.399)	540180	20.0000	18
6	Butane	43	5.035	5.035	(0.421)	911900	20.0000	19
7	Vinyl chloride	62	5.072	5.072	(0.424)	646640	20.0000	19
8	1,3-Butadiene	54	5.168	5.174	(0.432)	477235	20.0000	19
9	Bromomethane	94	5.942	5.942	(0.497)	577365	20.0000	18
10	Chloroethane	64	6.209	6.209	(0.520)	291229	20.0000	19
11	2-Methylbutane	43	6.326	6.327	(0.529)	650582	20.0000	18
12	Vinyl bromide	106	6.641	6.641	(0.556)	632164	20.0000	19
13	Trichlorofluoromethane	101	6.775	6.775	(0.567)	1635460	20.0000	19
14	Pentane	43	6.946	6.946	(0.581)	1016327	20.0000	19

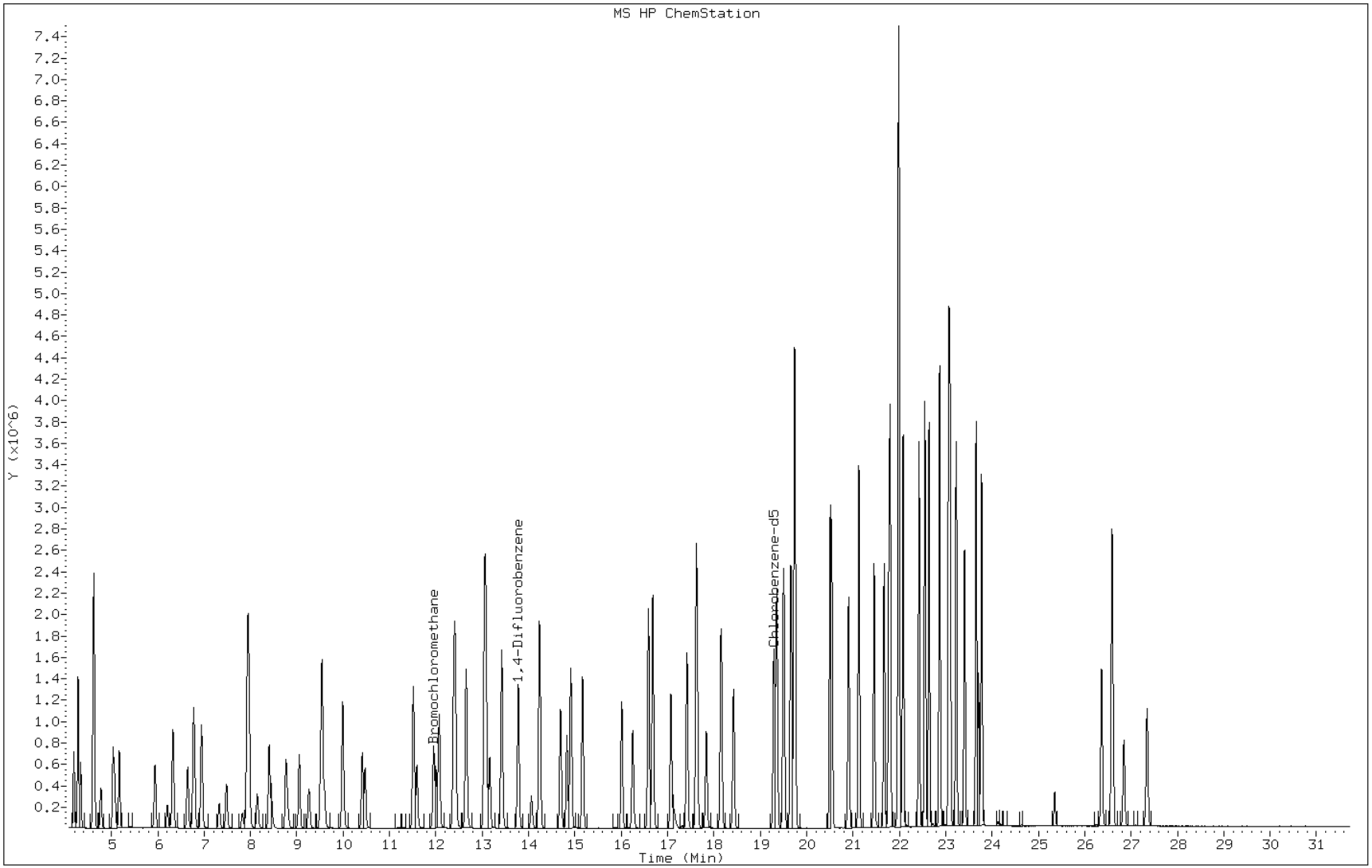
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.324	7.325	(0.613)	378899	40.0000	39
	16 Ethyl ether	59	7.485	7.485	(0.626)	368210	20.0000	21
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	1237398	20.0000	19
	18 Acrolein	56	7.826	7.832	(0.655)	197503	20.0000	21
	19 1,1-Dichloroethene	96	7.965	7.970	(0.666)	601349	20.0000	19
	20 Acetone	43	8.146	8.152	(0.682)	577455	20.0000	21
	21 Carbon disulfide	76	8.403	8.403	(0.703)	1724928	20.0000	20
	22 Isopropanol	45	8.456	8.456	(0.708)	511933	20.0000	20
	23 Allyl chloride	41	8.765	8.766	(0.733)	789501	20.0000	18(M)
	24 Acetonitrile	41	8.803	8.766	(0.737)	226851	20.0000	20(QM)
	25 Methylene chloride	49	9.054	9.048	(0.758)	568292	20.0000	18
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	765572	20.0000	20
	27 Methyl tert-butyl ether	73	9.523	9.529	(0.797)	1436667	20.0000	20
	28 1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	856431	20.0000	19
	29 Acrylonitrile	53	9.598	9.598	(0.803)	375553	20.0000	20
	30 n-Hexane	57	9.993	9.993	(0.836)	953868	20.0000	19
	31 1,1-Dichloroethane	63	10.409	10.409	(0.871)	1064193	20.0000	19
	32 Vinyl acetate	43	10.473	10.473	(0.876)	1207088	20.0000	21
M	33 1,2-Dichloroethene,Total	61				1545428	40.0000	39
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	688997	20.0000	19
	35 Ethyl acetate	88	11.594	11.589	(0.970)	48151	20.0000	22
	36 Methyl Ethyl Ketone	72	11.525	11.525	(0.964)	255076	20.0000	21
*	37 Bromochloromethane	128	11.952	11.952	(1.000)	366702	10.0000	
	38 Tetrahydrofuran	42	12.005	12.010	(0.871)	526205	20.0000	20
	39 Chloroform	83	12.074	12.069	(1.010)	1292495	20.0000	19
	40 Cyclohexane	84	12.421	12.421	(0.902)	957078	20.0000	20
	41 1,1,1-Trichloroethane	97	12.389	12.384	(0.899)	1438468	20.0000	19
	42 Carbon tetrachloride	117	12.656	12.651	(0.919)	1647091	20.0000	19
	43 2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	3051206	20.0000	19
	44 Benzene	78	13.051	13.051	(0.947)	2005627	20.0000	19
	45 1,2-Dichloroethane	62	13.163	13.163	(0.955)	753793	20.0000	19
	46 n-Heptane	43	13.419	13.419	(0.974)	1080548	20.0000	19
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1852284	10.0000	
	48 n-Butanol	56	14.065	14.065	(1.021)	278889	20.0000	20
	49 Trichloroethene	95	14.236	14.236	(1.033)	981096	20.0000	18
	50 1,2-Dichloropropane	63	14.689	14.690	(1.066)	715380	20.0000	19
	51 Methyl methacrylate	69	14.828	14.823	(1.076)	585963	20.0000	21
	52 Dibromomethane	174	14.919	14.914	(1.083)	916893	20.0000	18
	53 1,4-Dioxane	88	14.898	14.892	(1.081)	237465	20.0000	20
	54 Bromodichloromethane	83	15.164	15.165	(1.101)	1474268	20.0000	20
	55 1,3-Dichloropropene (cis)	75	16.008	16.008	(1.162)	1164872	20.0000	20
	56 Methyl isobutyl ketone	43	16.248	16.248	(1.179)	979703	20.0000	20
	57 n-Octane	43	16.680	16.680	(1.211)	1524346	20.0000	19
	58 Toluene	92	16.589	16.589	(0.860)	1533702	20.0000	19
	59 1,3-Dichloropropene (trans)	75	17.070	17.075	(1.239)	1172910	20.0000	20
	60 1,1,2-Trichloroethane	83	17.417	17.417	(0.903)	728175	20.0000	19
	61 Tetrachloroethene	166	17.625	17.625	(0.913)	1449028	20.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.833	17.833	(0.924)	948837	20.0000	19
63	Dibromochloromethane	129	18.158	18.153	(0.941)	1793652	20.0000	19
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	1492638	20.0000	19
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1767419	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	2288543	20.0000	19
67	n-Nonane	57	19.658	19.658	(1.019)	1423820	20.0000	19
68	Ethylbenzene	91	19.503	19.503	(1.011)	3090409	20.0000	20
69	Xylene (m,p)	106	19.743	19.744	(1.023)	2590743	40.0000	40
M 70	Xylenes, Total	106				3860838	20.0000	60
71	Xylene (o)	106	20.507	20.507	(1.063)	1270095	20.0000	20
72	Styrene	104	20.539	20.539	(1.064)	1980971	20.0000	21
73	Bromoform	173	20.902	20.902	(1.083)	1618092	20.0000	19
74	Isopropylbenzene	105	21.126	21.126	(1.095)	3552255	20.0000	20
75	1,1,2,2-Tetrachloroethane	83	21.675	21.670	(1.123)	1736577	20.0000	20
76	n-Propylbenzene	91	21.803	21.798	(1.130)	4069606	20.0000	21
77	1,2,3-Trichloropropane	75	21.771	21.772	(1.128)	1317796	20.0000	19
78	n-Decane	57	21.996	21.996	(1.140)	1361792	20.0000	21
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	3225700	20.0000	20
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	2716404	20.0000	19
81	1,3,5-Trimethylbenzene	105	22.081	22.076	(1.144)	2908055	20.0000	21
82	Alpha Methyl Styrene	118	22.423	22.423	(1.162)	1616255	20.0000	22
83	tert-butylbenzene	119	22.551	22.551	(1.169)	2878317	20.0000	20
84	1,2,4-Trimethylbenzene	105	22.641	22.642	(1.173)	2860350	20.0000	21
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	4199969	20.0000	21
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	3425517	20.0000	20
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	2090117	20.0000	19
88	1,4-Dichlorobenzene	146	23.228	23.229	(1.204)	2155594	20.0000	19
89	Benzyl chloride	91	23.410	23.405	(1.213)	2606131	20.0000	22
90	Undecane	57	23.709	23.709	(1.229)	662414	20.0000	17
91	n-Butylbenzene	91	23.655	23.656	(1.226)	2873820	20.0000	22
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	2063773	20.0000	20
93	Dodecane	57	25.353	25.347	(1.314)	171900	20.0000	17
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	873550	20.0000	20
95	1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	1000630	20.0000	18
96	Naphthalene	128	26.847	26.847	(1.391)	1246722	20.0000	20
97	1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	711794	20.0000	20

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clj009.d	Date:	22-MAR-2013 07:05
Client ID:		Instrument:	C.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	IC 472057		
Lab Sample ID:	IC 472057		



Manual Integration Report

Data File: clj009.d
Lab Sample ID: IC 472057
Inj. Date and Time: 22-MAR-2013 07:05
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

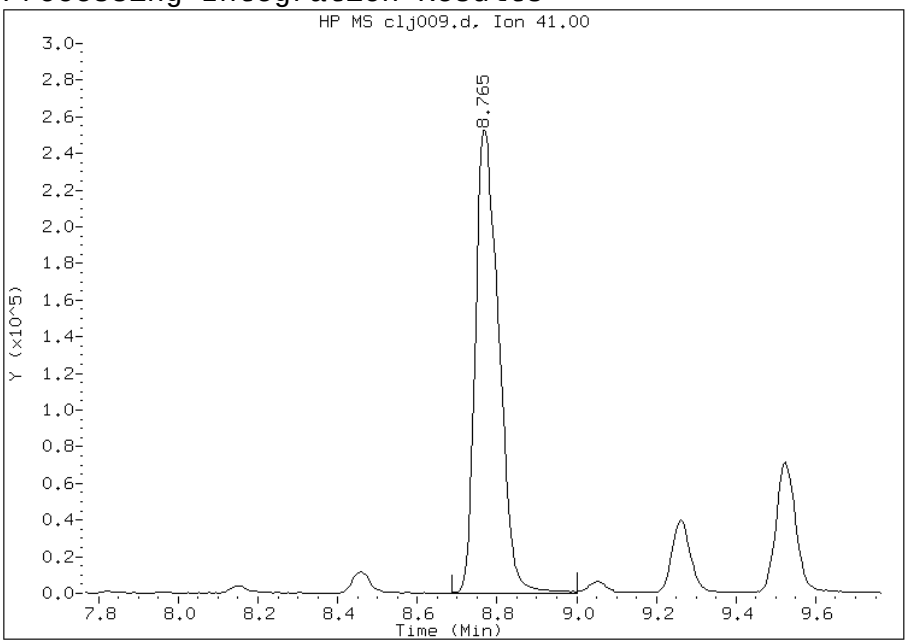
Processing Integration Results

RT: 8.77

Response: 1028354

Amount: 18.94

Conc: 18.94



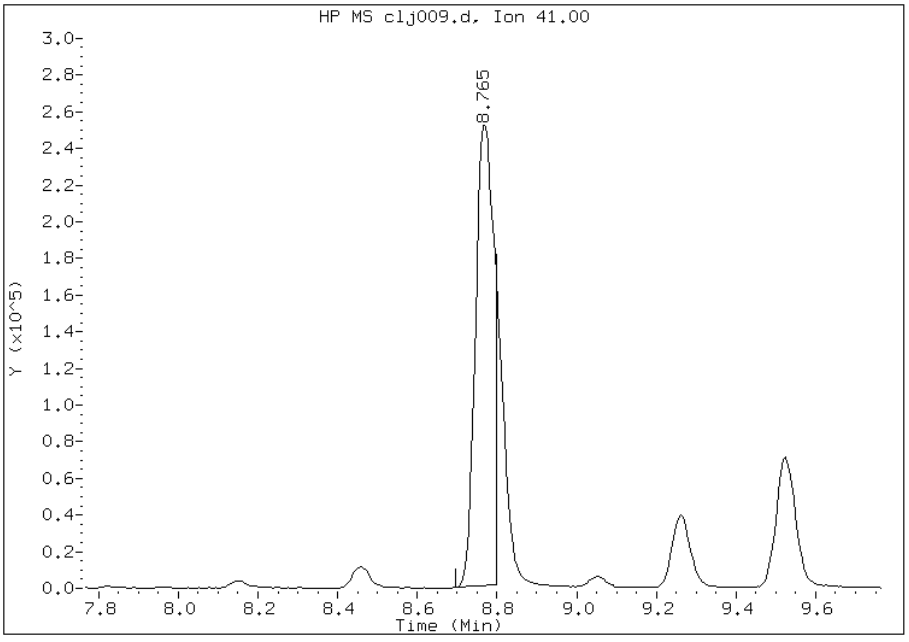
Manual Integration Results

RT: 8.77

Response: 789501

Amount: 17.79

Conc: 17.79



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clj009.d
Lab Sample ID: IC 472057
Inj. Date and Time: 22-MAR-2013 07:05
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2013

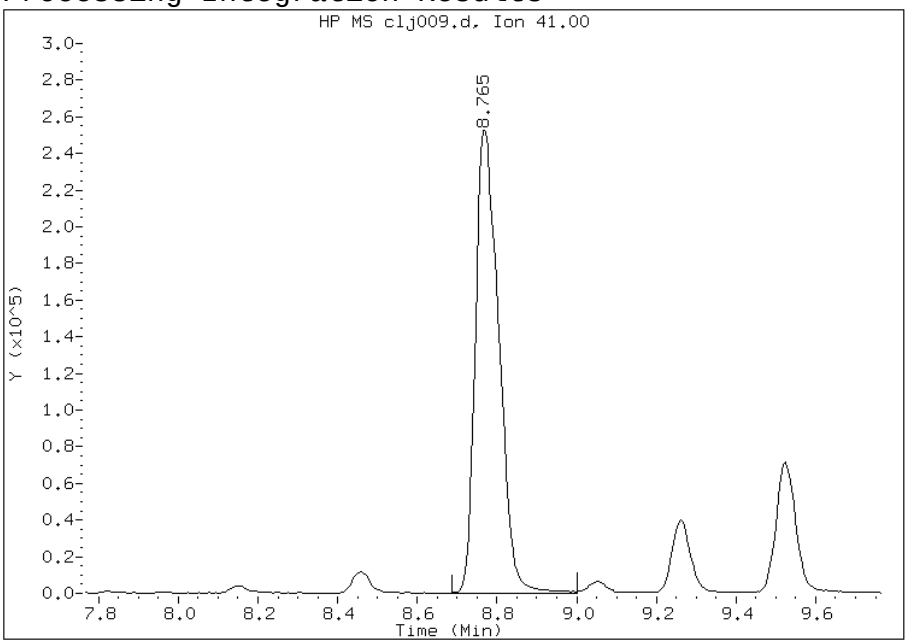
Processing Integration Results

RT: 8.77

Response: 1028354

Amount: 22.61

Conc: 22.61



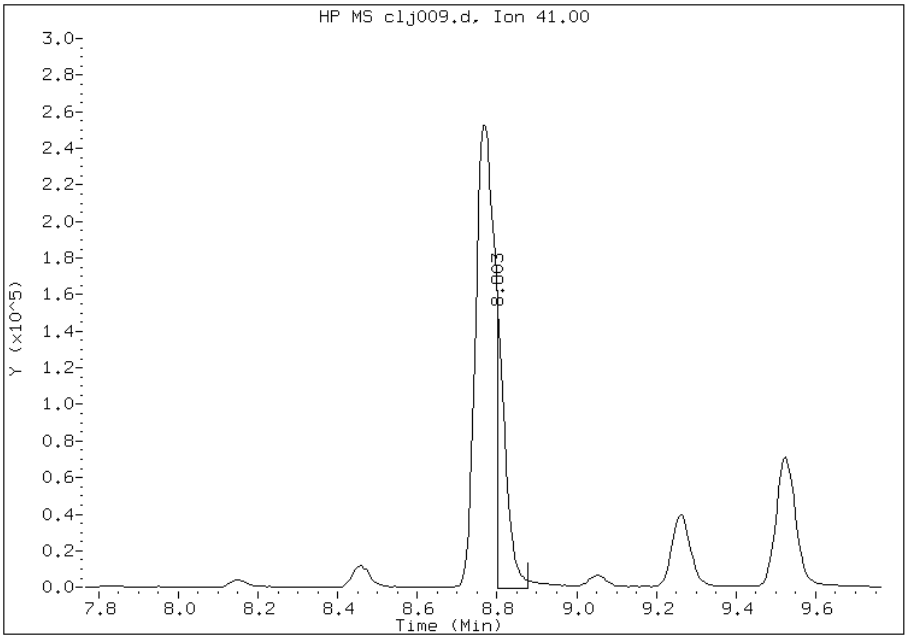
Manual Integration Results

RT: 8.80

Response: 226851

Amount: 19.74

Conc: 19.74



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj010.d
Lab Smp Id: IC 472057
Inj Date : 22-MAR-2013 07:58
Operator : AHK Inst ID: C.i
Smp Info : IC 472057
Misc Info : 400,1, level 7
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:31 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 07:58 Cal File: clj010.d
Als bottle: 5 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	400.00000	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	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	4.186	4.192	(0.350)	1022971	40.0000	35
2	Dichlorodifluoromethane	85	4.277	4.283	(0.358)	3361024	40.0000	34
3	Chlorodifluoromethane	51	4.336	4.336	(0.363)	1855605	40.0000	35
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.619	(0.386)	3812721	40.0000	35
5	Chloromethane	50	4.773	4.774	(0.399)	1127128	40.0000	35
6	Butane	43	5.035	5.035	(0.421)	1860279	40.0000	35
7	Vinyl chloride	62	5.072	5.072	(0.424)	1346625	40.0000	36
8	1,3-Butadiene	54	5.168	5.174	(0.432)	986762	40.0000	36
9	Bromomethane	94	5.942	5.942	(0.497)	1182394	40.0000	35
10	Chloroethane	64	6.209	6.209	(0.520)	607502	40.0000	36
11	2-Methylbutane	43	6.326	6.327	(0.529)	1353745	40.0000	35
12	Vinyl bromide	106	6.641	6.641	(0.556)	1325011	40.0000	38
13	Trichlorofluoromethane	101	6.775	6.775	(0.567)	3369346	40.0000	36
14	Pentane	43	6.945	6.946	(0.581)	2123365	40.0000	36

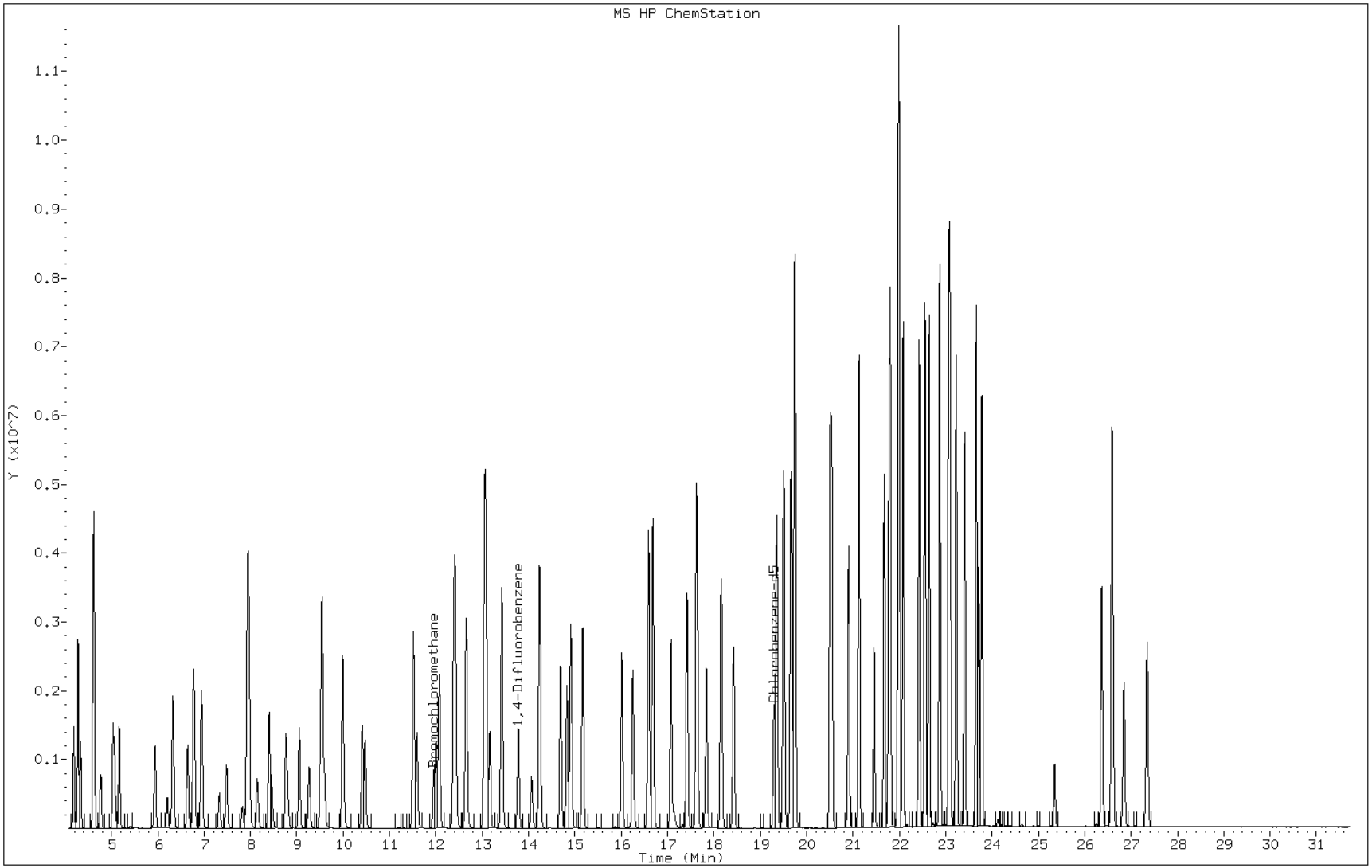
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.330	7.325	(0.613)	861377	100.000	81
	16 Ethyl ether	59	7.485	7.485	(0.626)	817946	40.0000	43(A)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	2552115	40.0000	37
	18 Acrolein	56	7.826	7.832	(0.655)	440060	40.0000	44(A)
	19 1,1-Dichloroethene	96	7.970	7.970	(0.667)	1254463	40.0000	37
	20 Acetone	43	8.146	8.152	(0.682)	1308517	40.0000	43(A)
	21 Carbon disulfide	76	8.402	8.403	(0.703)	3691546	40.0000	39
	22 Isopropanol	45	8.461	8.456	(0.708)	1178315	40.0000	43(A)
	23 Allyl chloride	41	8.771	8.766	(0.734)	1803229	40.0000	37(M)
	24 Acetonitrile	41	8.803	8.766	(0.737)	509830	40.0000	41(AQM)
	25 Methylene chloride	49	9.054	9.048	(0.758)	1184015	40.0000	35
	26 Tert-butyl alcohol	59	9.267	9.267	(0.775)	1809540	40.0000	44(A)
	27 Methyl tert-butyl ether	73	9.523	9.529	(0.797)	3306398	40.0000	43(A)
	28 1,2-Dichloroethene (trans)	61	9.550	9.545	(0.799)	1804380	40.0000	37
	29 Acrylonitrile	53	9.603	9.598	(0.804)	821679	40.0000	41(A)
	30 n-Hexane	57	9.993	9.993	(0.836)	2030993	40.0000	37
	31 1,1-Dichloroethane	63	10.414	10.409	(0.871)	2252879	40.0000	37
	32 Vinyl acetate	43	10.479	10.473	(0.877)	2732794	40.0000	44(A)
M	33 1,2-Dichloroethene,Total	61				3279229	80.0000	76
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	1474849	40.0000	38
	35 Ethyl acetate	88	11.594	11.589	(0.970)	113741	40.0000	47(A)
	36 Methyl Ethyl Ketone	72	11.530	11.525	(0.965)	601004	40.0000	45(A)
*	37 Bromochloromethane	128	11.951	11.952	(1.000)	398000	10.0000	
	38 Tetrahydrofuran	42	12.005	12.010	(0.871)	1221711	40.0000	44(A)
	39 Chloroform	83	12.074	12.069	(1.010)	2740959	40.0000	38
	40 Cyclohexane	84	12.421	12.421	(0.902)	2022981	40.0000	38
	41 1,1,1-Trichloroethane	97	12.389	12.384	(0.899)	2972509	40.0000	37
	42 Carbon tetrachloride	117	12.656	12.651	(0.919)	3386717	40.0000	37
	43 2,2,4-Trimethylpentane	57	13.078	13.072	(0.949)	6401398	40.0000	38
	44 Benzene	78	13.051	13.051	(0.947)	4229638	40.0000	37
	45 1,2-Dichloroethane	62	13.163	13.163	(0.955)	1596471	40.0000	38
	46 n-Heptane	43	13.419	13.419	(0.974)	2290787	40.0000	37
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1994523	10.0000	
	48 n-Butanol	56	14.065	14.065	(1.021)	682806	40.0000	47(A)
	49 Trichloroethene	95	14.236	14.236	(1.033)	2007673	40.0000	35
	50 1,2-Dichloropropane	63	14.689	14.690	(1.066)	1526677	40.0000	38
	51 Methyl methacrylate	69	14.828	14.823	(1.076)	1400802	40.0000	46(A)
	52 Dibromomethane	174	14.919	14.914	(1.083)	1768641	40.0000	33
	53 1,4-Dioxane	88	14.892	14.892	(1.081)	554649	40.0000	44(A)
	54 Bromodichloromethane	83	15.170	15.165	(1.101)	3121006	40.0000	39
	55 1,3-Dichloropropene (cis)	75	16.013	16.008	(1.162)	2503182	40.0000	39
	56 Methyl isobutyl ketone	43	16.253	16.248	(1.180)	2451964	40.0000	46(A)
	57 n-Octane	43	16.680	16.680	(1.211)	3213387	40.0000	37
	58 Toluene	92	16.589	16.589	(0.860)	3278500	40.0000	39
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	2552080	40.0000	41(A)
	60 1,1,2-Trichloroethane	83	17.422	17.417	(0.903)	1569027	40.0000	39
	61 Tetrachloroethene	166	17.630	17.625	(0.914)	2813508	40.0000	33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.833	17.833	(0.924)	2401926	40.0000	45(A)
63	Dibromochloromethane	129	18.158	18.153	(0.941)	3582984	40.0000	37
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	3083454	40.0000	38
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1863373	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	4750112	40.0000	38
67	n-Nonane	57	19.663	19.658	(1.019)	3112047	40.0000	40(A)
68	Ethylbenzene	91	19.503	19.503	(1.011)	6834493	40.0000	41(A)
69	Xylene (m,p)	106	19.743	19.744	(1.023)	5150020	80.0000	76
M 70	Xylenes, Total	106				7817385	40.0000	120
71	Xylene (o)	106	20.507	20.507	(1.063)	2667365	40.0000	40
72	Styrene	104	20.544	20.539	(1.065)	4225016	40.0000	42(A)
73	Bromoform	173	20.907	20.902	(1.084)	3127108	40.0000	34
74	Isopropylbenzene	105	21.131	21.126	(1.095)	7509141	40.0000	41(A)
75	1,1,2,2-Tetrachloroethane	83	21.675	21.670	(1.123)	3773964	40.0000	41(A)
76	n-Propylbenzene	91	21.803	21.798	(1.130)	8485450	40.0000	41(A)
77	1,2,3-Trichloropropane	75	21.771	21.772	(1.128)	2817481	40.0000	40
78	n-Decane	57	22.006	21.996	(1.141)	2360748	40.0000	34
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	5632595	40.0000	33
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	4514368	40.0000	30
81	1,3,5-Trimethylbenzene	105	22.081	22.076	(1.144)	6035471	40.0000	41(A)
82	Alpha Methyl Styrene	118	22.428	22.423	(1.162)	3364495	40.0000	43(A)
83	tert-butylbenzene	119	22.556	22.551	(1.169)	5770942	40.0000	38
84	1,2,4-Trimethylbenzene	105	22.641	22.642	(1.173)	5926227	40.0000	42(A)
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	8484979	40.0000	40
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	6400717	40.0000	36
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	3879946	40.0000	33
88	1,4-Dichlorobenzene	146	23.228	23.229	(1.204)	4260024	40.0000	36
89	Benzyl chloride	91	23.410	23.405	(1.213)	5914623	40.0000	46(A)
90	Undecane	57	23.709	23.709	(1.229)	1812479	40.0000	45(A)
91	n-Butylbenzene	91	23.661	23.656	(1.226)	6159721	40.0000	45(A)
92	1,2-Dichlorobenzene	146	23.778	23.773	(1.232)	4096295	40.0000	37
93	Dodecane	57	25.352	25.347	(1.314)	484478	40.0000	44(A)
94	1,2,4-Trichlorobenzene	180	26.366	26.367	(1.366)	2081741	40.0000	45(A)
95	1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	2207733	40.0000	39
96	Naphthalene	128	26.847	26.847	(1.391)	3261609	40.0000	50(A)
97	1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	1726338	40.0000	45(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clj010.d	Date:	22-MAR-2013 07:58
Client ID:		Instrument:	C.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	IC 472057		
Lab Sample ID:	IC 472057		



Manual Integration Report

Data File: clj010.d
Lab Sample ID: IC 472057
Inj. Date and Time: 22-MAR-2013 07:58
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

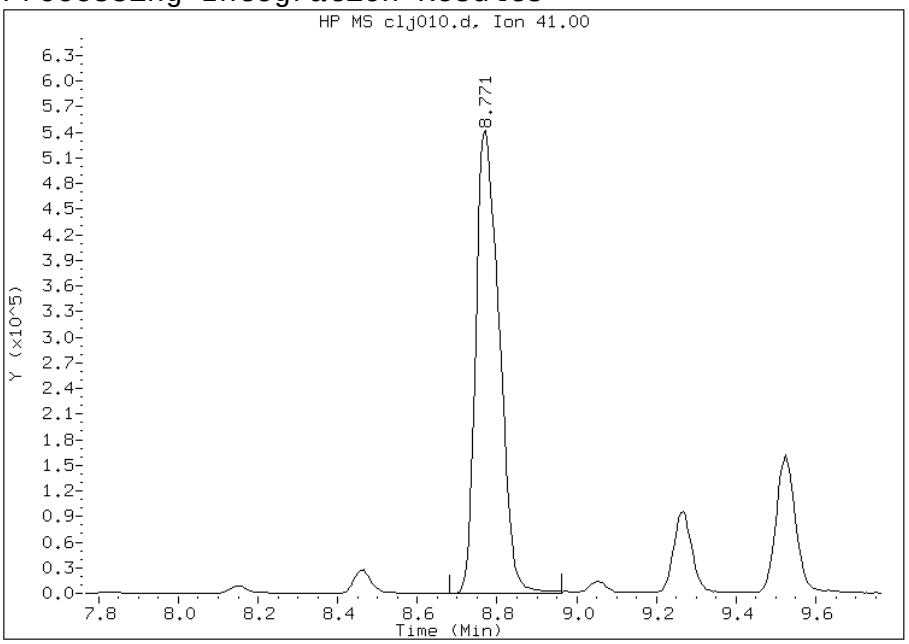
Processing Integration Results

RT: 8.77

Response: 2210582

Amount: 37.85

Conc: 37.85



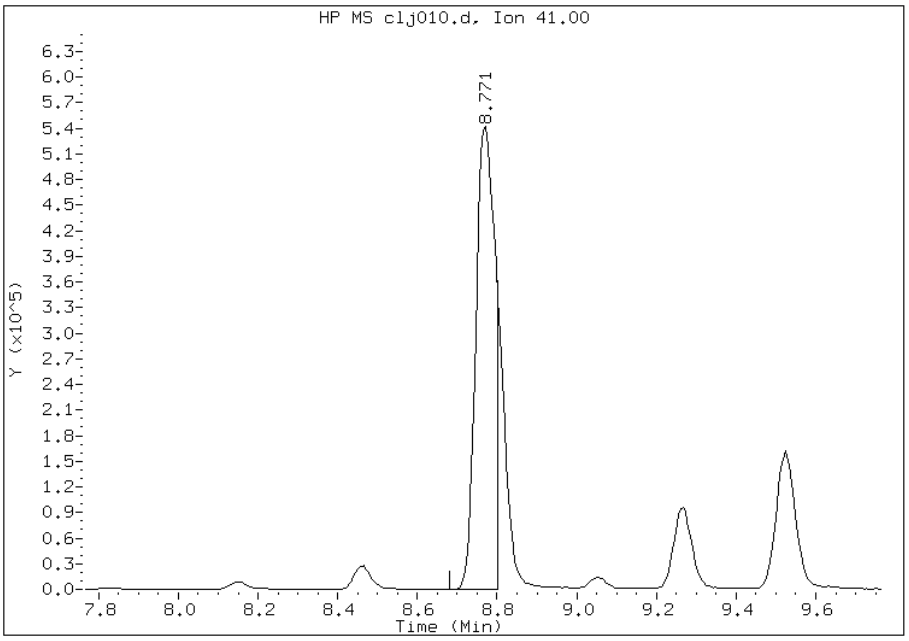
Manual Integration Results

RT: 8.77

Response: 1803229

Amount: 37.44

Conc: 37.44



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clj010.d
Lab Sample ID: IC 472057
Inj. Date and Time: 22-MAR-2013 07:58
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2013

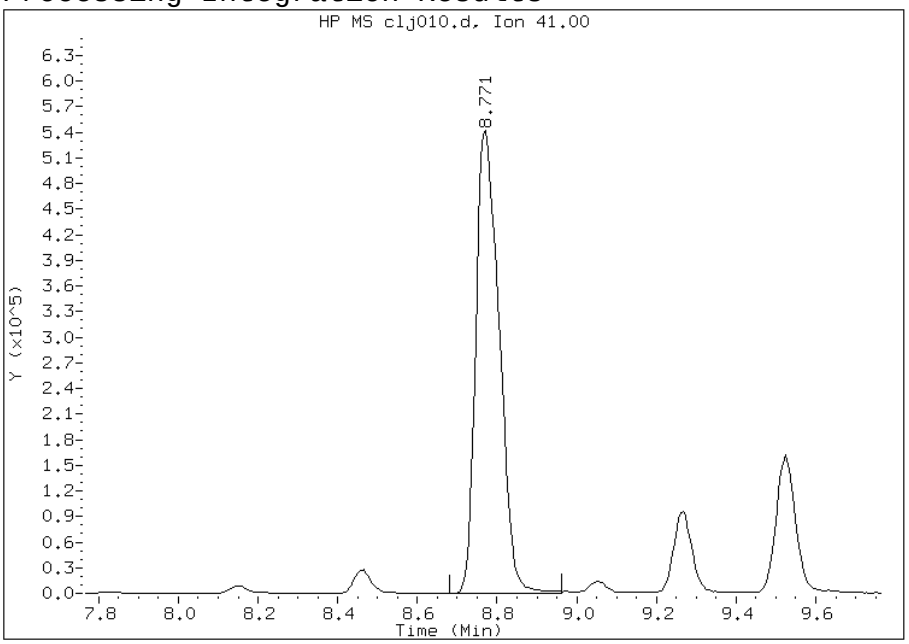
Processing Integration Results

RT: 8.77

Response: 2210582

Amount: 54.35

Conc: 54.35



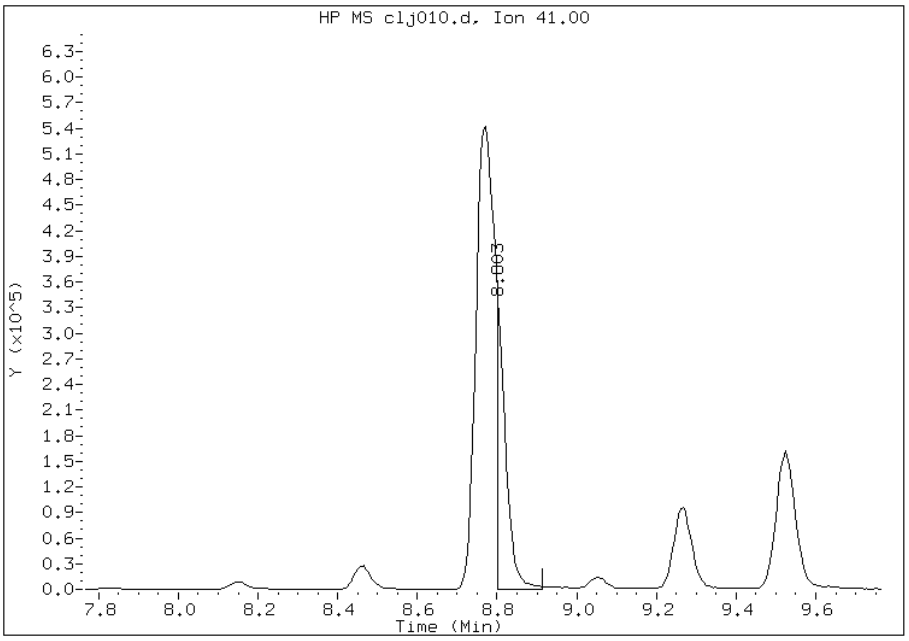
Manual Integration Results

RT: 8.80

Response: 509830

Amount: 40.88

Conc: 40.88



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj012.d
Lab Smp Id: ic 472059
Inj Date : 22-MAR-2013 09:43
Operator : AHK Inst ID: C.i
Smp Info : ic 472059
Misc Info : 67,1, level 3
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:31 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 09:43 Cal File: clj012.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	67.00000	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	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	4.186	4.192	(0.350)	137084	5.00000	5.7
2 Dichlorodifluoromethane	85	4.277	4.283	(0.358)	458579	5.00000	5.7
3 Chlorodifluoromethane	51	4.330	4.336	(0.362)	243038	5.00000	5.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.613	4.619	(0.386)	499537	5.00000	5.7
5 Chloromethane	50	4.768	4.774	(0.399)	148774	5.00000	5.8
6 Butane	43	5.035	5.035	(0.421)	254972	5.00000	5.9
7 Vinyl chloride	62	5.072	5.072	(0.424)	170353	5.00000	5.6
8 1,3-Butadiene	54	5.168	5.174	(0.432)	127129	5.00000	5.8
9 Bromomethane	94	5.937	5.942	(0.497)	153272	5.00000	5.5
10 Chloroethane	64	6.198	6.209	(0.519)	79080	5.00000	5.7
11 2-Methylbutane	43	6.326	6.327	(0.529)	171265	5.00000	5.4
12 Vinyl bromide	106	6.641	6.641	(0.556)	155696	5.00000	5.5
13 Trichlorofluoromethane	101	6.775	6.775	(0.567)	418391	5.00000	5.5
14 Pentane	43	6.946	6.946	(0.581)	272778	5.00000	5.8

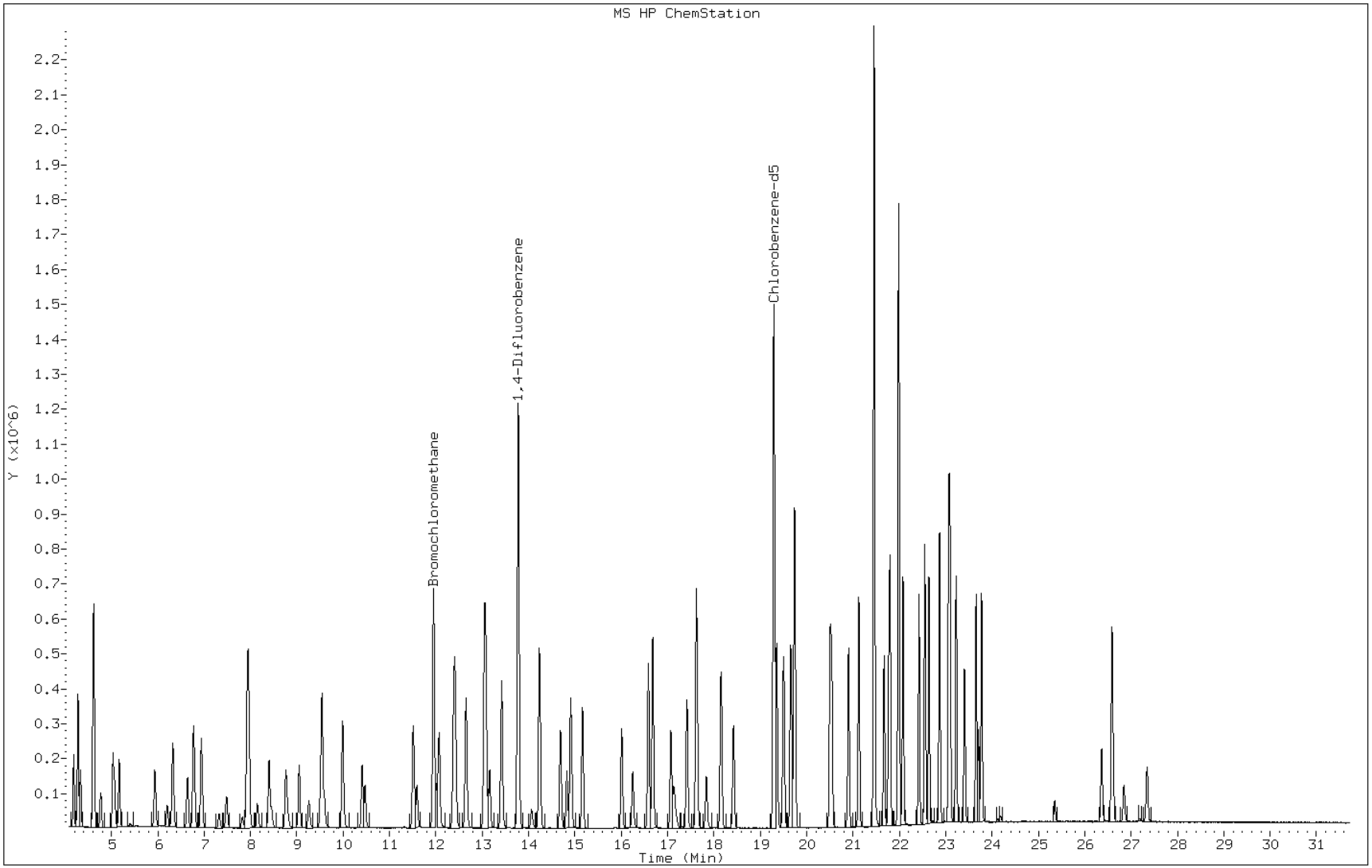
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.324	7.325	(0.613)	65983	10.0000	7.6
	16 Ethyl ether	59	7.485	7.485	(0.626)	79447	5.00000	5.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.933	7.938	(0.664)	307337	5.00000	5.5
	18 Acrolein	56	7.826	7.832	(0.655)	43216	5.00000	5.3
	19 1,1-Dichloroethene	96	7.965	7.970	(0.666)	149503	5.00000	5.4
	20 Acetone	43	8.152	8.152	(0.682)	128232	5.00000	5.2
	21 Carbon disulfide	76	8.403	8.403	(0.703)	424928	5.00000	5.5
	22 Isopropanol	45	8.456	8.456	(0.708)	104977	5.00000	4.7(a)
	23 Allyl chloride	41	8.765	8.766	(0.733)	230835	5.00000	5.9(M)
	24 Acetonitrile	41	8.803	8.766	(0.737)	54177	5.00000	5.4(QM)
	25 Methylene chloride	49	9.054	9.048	(0.758)	153305	5.00000	5.6
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	153150	5.00000	4.6(a)
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	292942	5.00000	4.7
	28 1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	215576	5.00000	5.5
	29 Acrylonitrile	53	9.598	9.598	(0.803)	90637	5.00000	5.6
	30 n-Hexane	57	9.988	9.993	(0.836)	245967	5.00000	5.5
	31 1,1-Dichloroethane	63	10.409	10.409	(0.871)	272013	5.00000	5.5
	32 Vinyl acetate	43	10.473	10.473	(0.876)	261725	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				379458	10.0000	11
	34 1,2-Dichloroethene (cis)	96	11.509	11.514	(0.963)	163882	5.00000	5.2
	35 Ethyl acetate	88	11.589	11.589	(0.970)	9173	5.00000	4.7(a)
	36 Methyl Ethyl Ketone	72	11.525	11.525	(0.964)	48854	5.00000	4.5
*	37 Bromochloromethane	128	11.952	11.952	(1.000)	322777	10.0000	
	38 Tetrahydrofuran	42	12.010	12.010	(0.872)	118081	5.00000	5.2
	39 Chloroform	83	12.069	12.069	(1.010)	317989	5.00000	5.4
	40 Cyclohexane	84	12.416	12.421	(0.901)	230191	5.00000	5.3
	41 1,1,1-Trichloroethane	97	12.389	12.384	(0.899)	351219	5.00000	5.3
	42 Carbon tetrachloride	117	12.651	12.651	(0.918)	402621	5.00000	5.3
	43 2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	771002	5.00000	5.5
	44 Benzene	78	13.046	13.051	(0.947)	490040	5.00000	5.2
	45 1,2-Dichloroethane	62	13.158	13.163	(0.955)	189197	5.00000	5.4
	46 n-Heptane	43	13.419	13.419	(0.974)	282651	5.00000	5.5
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1643193	10.0000	
	48 n-Butanol	56	14.070	14.065	(1.021)	50873	5.00000	4.2(a)
	49 Trichloroethene	95	14.236	14.236	(1.033)	256346	5.00000	5.4
	50 1,2-Dichloropropane	63	14.689	14.690	(1.066)	177955	5.00000	5.4
	51 Methyl methacrylate	69	14.828	14.823	(1.076)	109897	5.00000	4.4
	52 Dibromomethane	174	14.914	14.914	(1.083)	237270	5.00000	5.4
	53 1,4-Dioxane	88	14.892	14.892	(1.081)	45625	5.00000	4.4(a)
	54 Bromodichloromethane	83	15.164	15.165	(1.101)	356026	5.00000	5.4
	55 1,3-Dichloropropene (cis)	75	16.008	16.008	(1.162)	277339	5.00000	5.3
	56 Methyl isobutyl ketone	43	16.248	16.248	(1.179)	179169	5.00000	4.1
	57 n-Octane	43	16.680	16.680	(1.211)	392526	5.00000	5.4
	58 Toluene	92	16.589	16.589	(0.860)	342770	5.00000	4.9
	59 1,3-Dichloropropene (trans)	75	17.070	17.075	(1.239)	261453	5.00000	5.1
	60 1,1,2-Trichloroethane	83	17.417	17.417	(0.903)	164919	5.00000	5.0
	61 Tetrachloroethene	166	17.625	17.625	(0.913)	368036	5.00000	5.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.833	17.833	(0.924)	167553	5.00000	3.8
63	Dibromochloromethane	129	18.153	18.153	(0.941)	413011	5.00000	5.1
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	334767	5.00000	5.0
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1536888	10.0000	
66	Chlorobenzene	112	19.349	19.354	(1.003)	503866	5.00000	4.8
67	n-Nonane	57	19.658	19.658	(1.019)	299468	5.00000	4.7
68	Ethylbenzene	91	19.503	19.503	(1.011)	612940	5.00000	4.5
69	Xylene (m,p)	106	19.743	19.744	(1.023)	506527	10.0000	9.1
M 70	Xylenes, Total	106				749417	5.00000	13
71	Xylene (o)	106	20.507	20.507	(1.063)	242890	5.00000	4.4
72	Styrene	104	20.539	20.539	(1.064)	364411	5.00000	4.4
73	Bromoform	173	20.902	20.902	(1.083)	377388	5.00000	5.0
74	Isopropylbenzene	105	21.126	21.126	(1.095)	667713	5.00000	4.4
75	1,1,2,2-Tetrachloroethane	83	21.675	21.670	(1.123)	326597	5.00000	4.3
76	n-Propylbenzene	91	21.798	21.798	(1.130)	764876	5.00000	4.4
77	1,2,3-Trichloropropane	75	21.771	21.772	(1.128)	257580	5.00000	4.4
78	n-Decane	57	21.996	21.996	(1.140)	266262	5.00000	4.6
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	679457	5.00000	4.8
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	610347	5.00000	4.8
81	1,3,5-Trimethylbenzene	105	22.076	22.076	(1.144)	543287	5.00000	4.4
82	Alpha Methyl Styrene	118	22.423	22.423	(1.162)	284195	5.00000	4.4
83	tert-butylbenzene	119	22.551	22.551	(1.169)	558747	5.00000	4.4
84	1,2,4-Trimethylbenzene	105	22.636	22.642	(1.173)	522407	5.00000	4.4
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	793041	5.00000	4.5
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	671586	5.00000	4.6
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	436569	5.00000	4.5
88	1,4-Dichlorobenzene	146	23.228	23.229	(1.204)	416040	5.00000	4.3
89	Benzyl chloride	91	23.405	23.405	(1.213)	437157	5.00000	4.2
90	Undecane	57	23.709	23.709	(1.229)	122077	5.00000	3.6(a)
91	n-Butylbenzene	91	23.655	23.656	(1.226)	489207	5.00000	4.3
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	407059	5.00000	4.4
93	Dodecane	57	25.353	25.347	(1.314)	31797	5.00000	3.5(a)
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	125193	5.00000	3.3
95	1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	201445	5.00000	4.3
96	Naphthalene	128	26.847	26.847	(1.391)	161780	5.00000	3.0
97	1,2,3-Trichlorobenzene	180	27.349	27.343	(1.417)	105375	5.00000	3.3

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:	clj012.d	Date:	22-MAR-2013 09:43
Client ID:		Instrument:	C.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 472059		
Lab Sample ID:	ic 472059		



Manual Integration Report

Data File: clj012.d
Lab Sample ID: ic 472059
Inj. Date and Time: 22-MAR-2013 09:43
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

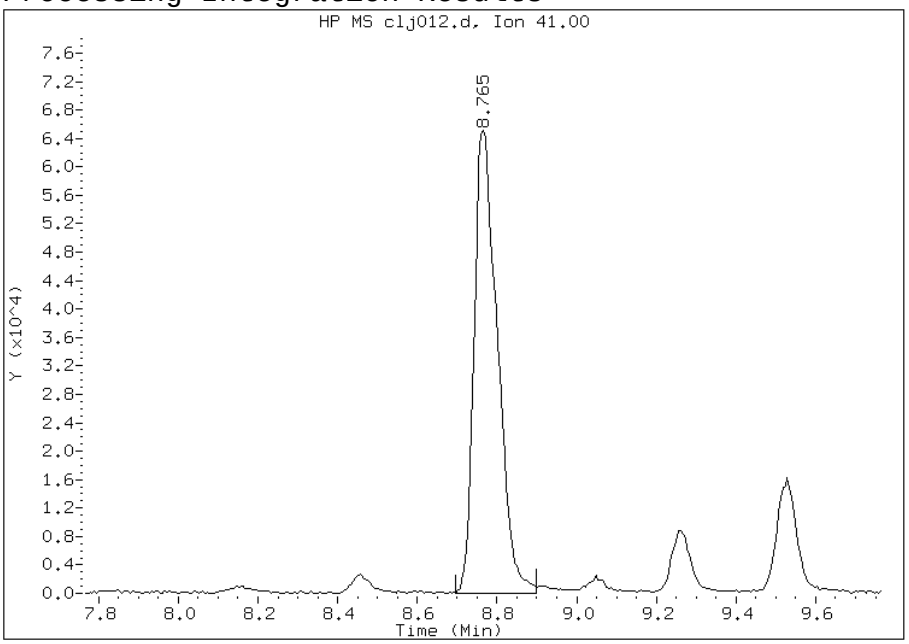
Processing Integration Results

RT: 8.77

Response: 265207

Amount: 5.51

Conc: 5.51



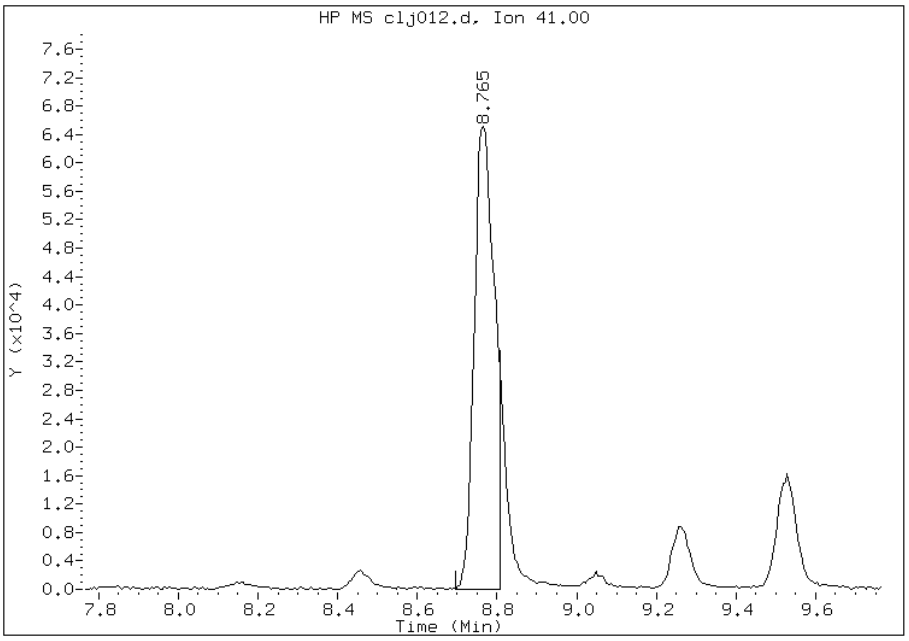
Manual Integration Results

RT: 8.77

Response: 230835

Amount: 5.91

Conc: 5.91



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clj012.d
Lab Sample ID: ic 472059
Inj. Date and Time: 22-MAR-2013 09:43
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2013

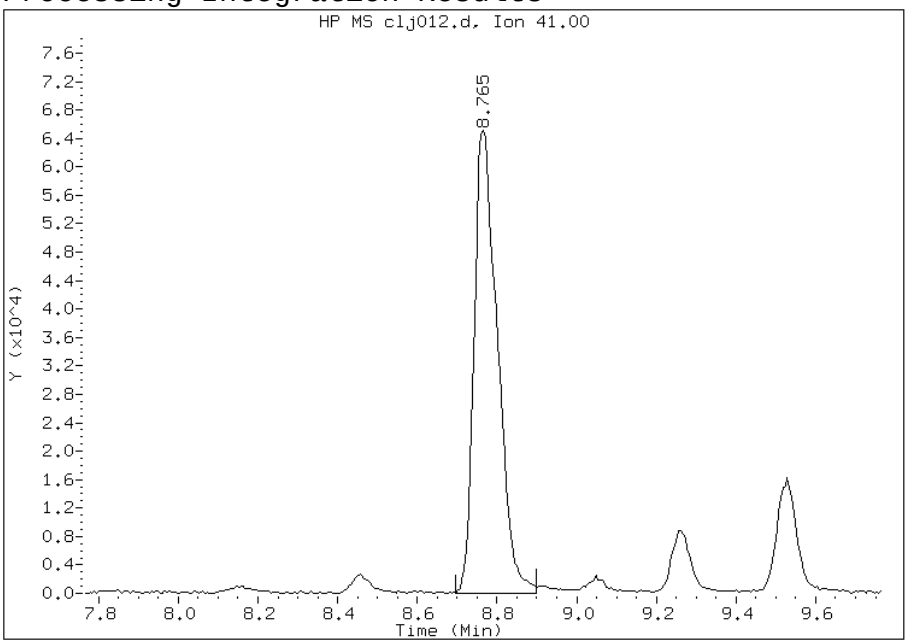
Processing Integration Results

RT: 8.77

Response: 265207

Amount: 10.17

Conc: 10.17



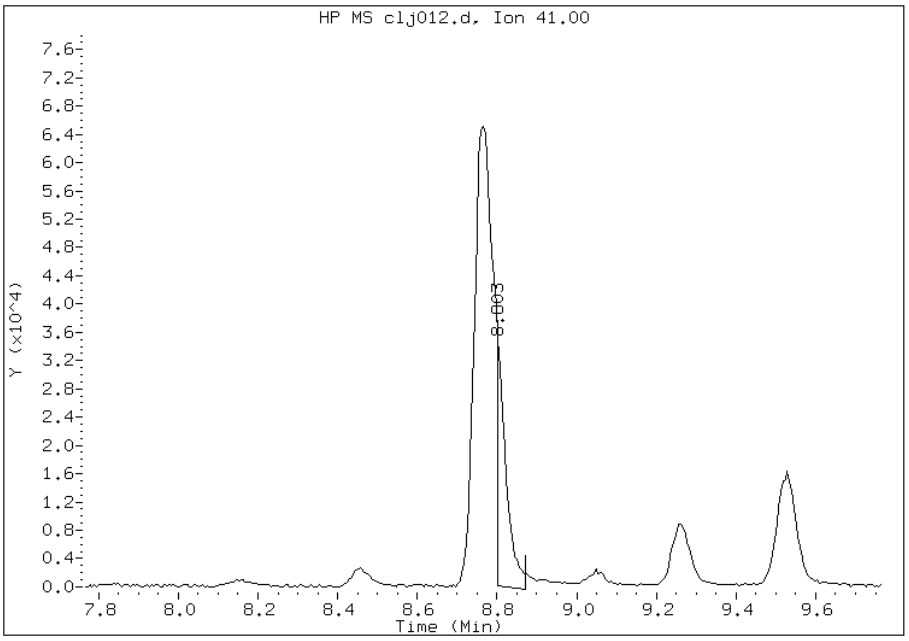
Manual Integration Results

RT: 8.80

Response: 54177

Amount: 5.36

Conc: 5.36



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: ICV 200-52836/13 Calibration Date: 03/10/2013 00:15

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: cli013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9356	0.7475		7.99	10.0	-20.1	30.0
Dichlorodifluoromethane	Ave	3.416	3.243		9.49	10.0	-5.1	30.0
Freon 22	Ave	1.843	1.671		9.07	10.0	-9.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.437	3.285		9.56	10.0	-4.4	30.0
Chloromethane	Ave	1.029	0.9362		9.10	10.0	-9.0	30.0
n-Butane	Ave	1.704	1.403		8.23	10.0	-17.7	30.0
Vinyl chloride	Ave	1.234	1.010		8.18	10.0	-18.2	30.0
1,3-Butadiene	Ave	0.8813	0.7294		8.27	10.0	-17.2	30.0
Bromomethane	Ave	1.020	0.8854		8.68	10.0	-13.2	30.0
Chloroethane	Ave	0.5491	0.4898		8.92	10.0	-10.8	30.0
Isopentane	Ave	1.327	1.112		8.38	10.0	-16.2	30.0
Bromoethene(Vinyl Bromide)	Ave	1.034	1.006		9.73	10.0	-2.7	30.0
Trichlorofluoromethane	Ave	3.363	3.090		9.19	10.0	-8.1	30.0
n-Pentane	Ave	2.023	1.693		8.37	10.0	-16.3	30.0
Ethanol	Ave	0.3273	0.2935		13.5	15.0	-10.3	30.0
Ethyl ether	Ave	0.7637	0.6087		7.97	10.0	-20.3	30.0
Acrolein	Ave	0.3740	0.2802		7.49	10.0	-25.1	30.0
Freon TF	Ave	2.195	2.255		10.3	10.0	2.7	30.0
1,1-Dichloroethene	Ave	1.046	1.099		10.5	10.0	5.1	30.0
Acetone	Ave	1.360	1.115		8.20	10.0	-18.0	30.0
Carbon disulfide	Ave	3.229	3.069		9.50	10.0	-5.0	30.0
Isopropyl alcohol	Ave	0.9946	0.8565		8.61	10.0	-13.9	30.0
3-Chloropropene	Ave	1.687	1.433		8.49	10.0	-15.0	30.0
Acetonitrile	Ave	0.4921	0.4105		8.34	10.0	-16.6	30.0
Methylene Chloride	Ave	1.218	1.109		9.10	10.0	-9.0	30.0
tert-Butyl alcohol	Ave	1.440	1.293		8.98	10.0	-10.2	30.0
Methyl tert-butyl ether	Ave	3.042	2.639		8.67	10.0	-13.2	30.0
trans-1,2-Dichloroethene	Ave	1.725	1.552		9.00	10.0	-10.0	30.0
Acrylonitrile	Ave	0.7452	0.6576		8.82	10.0	-11.8	30.0
n-Hexane	Ave	1.887	1.705		9.03	10.0	-9.6	30.0
1,1-Dichloroethane	Ave	2.181	1.970		9.03	10.0	-9.7	30.0
Vinyl acetate	Ave	2.415	2.040		8.44	10.0	-15.5	30.0
cis-1,2-Dichloroethene	Ave	1.205	1.207		10.0	10.0	0.2	30.0
Methyl Ethyl Ketone	Ave	0.5162	0.4476		8.67	10.0	-13.3	30.0
Ethyl acetate	Ave	0.0890	0.0825		9.27	10.0	-7.3	30.0
Tetrahydrofuran	Ave	0.1790	0.1526		8.52	10.0	-14.8	30.0
Chloroform	Ave	2.595	2.457		9.47	10.0	-5.3	30.0
1,1,1-Trichloroethane	Ave	0.4964	0.4782		9.63	10.0	-3.7	30.0
Cyclohexane	Ave	0.2956	0.2925		9.89	10.0	-1.1	30.0
Carbon tetrachloride	Ave	0.5265	0.4965		9.43	10.0	-5.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: ICV 200-52836/13 Calibration Date: 03/10/2013 00:15

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: cli013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6947	0.6173		8.88	10.0	-11.1	30.0
2,2,4-Trimethylpentane	Ave	1.006	0.9422		9.37	10.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.3034	0.2770		9.13	10.0	-8.7	30.0
n-Heptane	Ave	0.3660	0.3198		8.74	10.0	-12.6	30.0
n-Butanol	Ave	0.0795	0.0686		8.63	10.0	-13.6	30.0
Trichloroethene	Ave	0.3182	0.2988		9.39	10.0	-6.1	30.0
1,2-Dichloropropane	Ave	0.2360	0.2151		9.11	10.0	-8.8	30.0
Methyl methacrylate	Ave	0.1948	0.1738		8.92	10.0	-10.8	30.0
1,4-Dioxane	Ave	0.0789	0.0669		8.48	10.0	-15.1	30.0
Dibromomethane	Ave	0.2169	0.2375		10.9	10.0	9.5	30.0
Bromodichloromethane	Ave	0.4916	0.4920		10.0	10.0	0.0	30.0
cis-1,3-Dichloropropene	Ave	0.3655	0.3532		9.66	10.0	-3.4	30.0
methyl isobutyl ketone	Ave	0.3454	0.2917		8.44	10.0	-15.5	30.0
Toluene	Ave	0.5138	0.5135		9.99	10.0	-0.0	30.0
n-Octane	Ave	0.4901	0.4281		8.73	10.0	-12.7	30.0
trans-1,3-Dichloropropene	Ave	0.3844	0.3576		9.30	10.0	-7.0	30.0
1,1,2-Trichloroethane	Ave	0.2491	0.2367		9.50	10.0	-5.0	30.0
Tetrachloroethene	Ave	0.3904	0.4265		10.9	10.0	9.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3556	0.3188		8.96	10.0	-10.4	30.0
Dibromochloromethane	Ave	0.4862	0.5517		11.3	10.0	13.5	30.0
1,2-Dibromoethane	Ave	0.4479	0.4639		10.4	10.0	3.6	30.0
Chlorobenzene	Ave	0.6698	0.6879		10.3	10.0	2.7	30.0
Ethylbenzene	Ave	1.078	1.045		9.70	10.0	-3.0	30.0
n-Nonane	Ave	0.5032	0.4745		9.43	10.0	-5.7	30.0
m,p-Xylene	Ave	0.4055	0.3976		19.6	20.0	-2.0	30.0
Xylene, o-	Ave	0.3919	0.3856		9.84	10.0	-1.6	30.0
Styrene	Ave	0.5713	0.5989		10.5	10.0	4.8	30.0
Bromoform	Ave	0.4325	0.4988		11.5	10.0	15.3	30.0
Cumene	Ave	1.165	1.162		9.98	10.0	-0.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6143	0.5551		9.03	10.0	-9.6	30.0
1,2,3-Trichloropropane	Ave	0.4914	0.4534		9.22	10.0	-7.7	30.0
n-Propylbenzene	Ave	1.427	1.402		9.82	10.0	-1.8	30.0
4-Ethyltoluene	Ave	1.170	1.180		10.1	10.0	0.9	30.0
2-Chlorotoluene	Ave	1.060	1.039		9.81	10.0	-1.9	30.0
n-Decane	Ave	0.5711	0.5268		9.22	10.0	-7.8	30.0
1,3,5-Trimethylbenzene	Ave	1.004	0.9721		9.68	10.0	-3.2	30.0
Alpha Methyl Styrene	Ave	0.4381	0.4811		11.0	10.0	9.8	30.0
tert-Butylbenzene	Ave	0.9480	0.9465		9.98	10.0	-0.2	30.0
1,2,4-Trimethylbenzene	Ave	0.9739	0.9383		9.63	10.0	-3.7	30.0
sec-Butylbenzene	Ave	1.417	1.392		9.82	10.0	-1.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: ICV 200-52836/13 Calibration Date: 03/10/2013 00:15

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: cli013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.187	1.202		10.1	10.0	1.3	30.0
1,3-Dichlorobenzene	Ave	0.6445	0.6429		9.97	10.0	-0.2	30.0
1,4-Dichlorobenzene	Ave	0.6258	0.6297		10.1	10.0	0.6	30.0
Benzyl chloride	Ave	0.9105	0.8932		9.81	10.0	-1.9	30.0
n-Butylbenzene	Ave	1.052	1.070		10.2	10.0	1.7	30.0
n-Undecane	Ave	0.4934	0.4478		9.07	10.0	-9.2	30.0
1,2-Dichlorobenzene	Ave	0.6032	0.5891		9.76	10.0	-2.3	30.0
n-Dodecane	Ave	0.3509	0.3624		10.3	10.0	3.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3513	0.3319		9.45	10.0	-5.5	30.0
Hexachlorobutadiene	Ave	0.3778	0.3604		9.54	10.0	-4.6	30.0
Naphthalene	Ave	0.7048	0.6961		9.87	10.0	-1.2	30.0
1,2,3-Trichlorobenzene	Ave	0.2819	0.2987		10.6	10.0	5.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clito15.b/cli013.d
Lab Smp Id: icv 463802
Inj Date : 10-MAR-2013 00:15
Operator : pad Inst ID: C.i
Smp Info : icv 463802
Misc Info : 200,1, icv
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/to15v5.m
Meth Date : 10-Mar-2013 15:10 pd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 6 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	4.192	4.197	(0.351)	329354	7.98715	8.0
2 Dichlorodifluoromethane	85	4.282	4.288	(0.358)	1429164	9.49192	9.5
3 Chlorodifluoromethane	51	4.336	4.341	(0.363)	736431	9.06622	9.1
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	1447381	9.55562	9.6
5 Chloromethane	50	4.773	4.779	(0.399)	412501	9.09565	9.1
6 Butane	43	5.040	5.046	(0.422)	618086	8.22889	8.2
7 Vinyl chloride	62	5.078	5.083	(0.425)	444838	8.18084	8.2
8 1,3-Butadiene	54	5.174	5.179	(0.433)	321407	8.27492	8.3
9 Bromomethane	94	5.942	5.948	(0.497)	390132	8.67625	8.7
10 Chloroethane	64	6.209	6.214	(0.519)	215823	8.91766	8.9
11 2-Methylbutane	43	6.326	6.332	(0.529)	489785	8.37567	8.4
12 Vinyl bromide	106	6.647	6.652	(0.556)	443260	9.72512	9.7
13 Trichlorofluoromethane	101	6.780	6.785	(0.567)	1361552	9.18599	9.2
14 Pentane	43	6.946	6.951	(0.581)	746023	8.36791	8.4

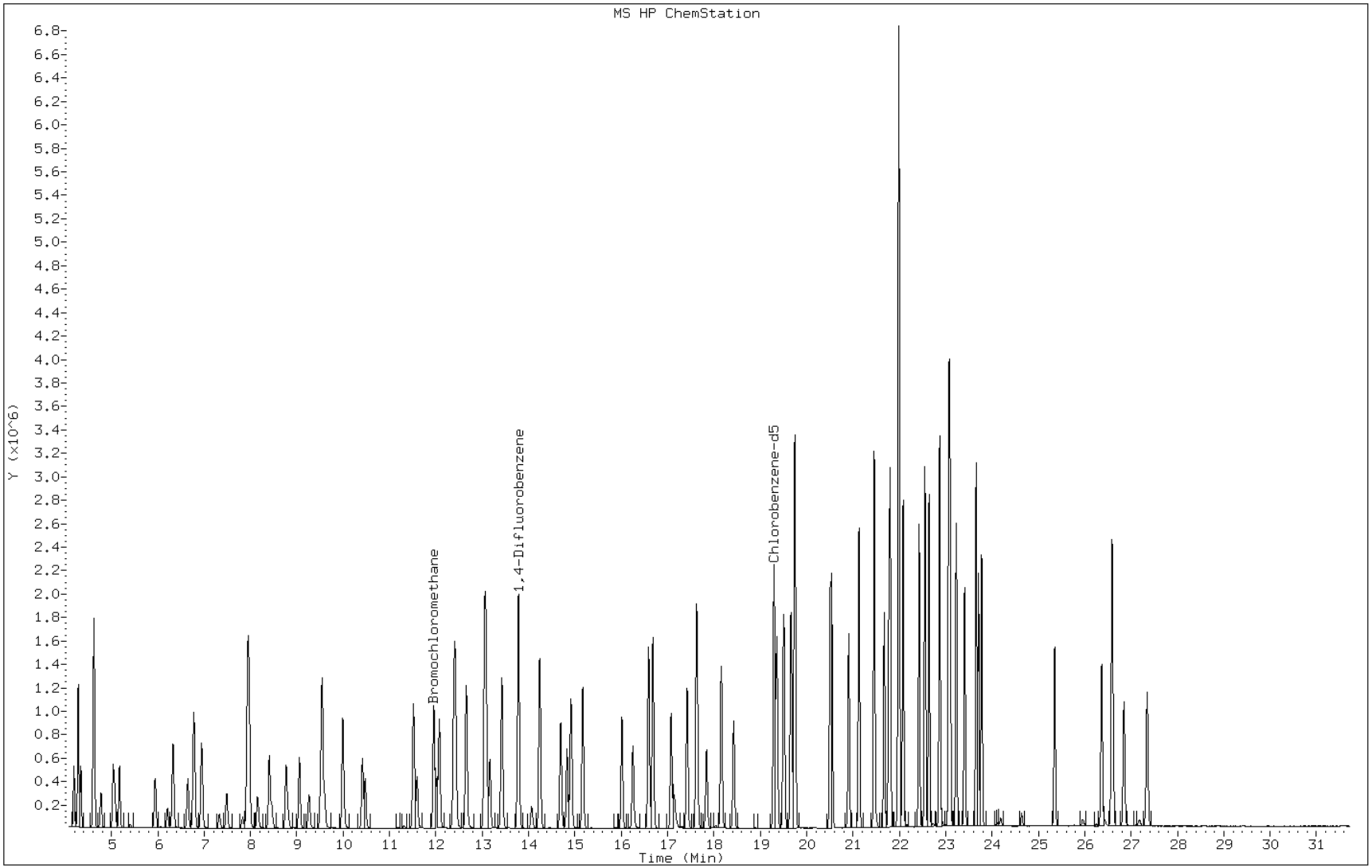
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.324	7.330	(0.613)	194097	13.4540	13
	16 Ethyl ether	59	7.490	7.490	(0.626)	268195	7.96801	8.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.944	7.944	(0.664)	993636	10.2701	10
	18 Acrolein	56	7.826	7.832	(0.655)	123474	7.49072	7.5
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	484465	10.5096	11
	20 Acetone	43	8.152	8.157	(0.682)	491200	8.19604	8.2
	21 Carbon disulfide	76	8.408	8.408	(0.703)	1352250	9.50151	9.5
	22 Isopropanol	45	8.461	8.461	(0.708)	377418	8.61033	8.6
	23 Allyl chloride	41	8.771	8.776	(0.734)	631517	8.49402	8.5(M)
	24 Acetonitrile	41	8.803	8.776	(0.736)	180876	8.34040	8.3(QM)
	25 Methylene chloride	49	9.054	9.059	(0.757)	488518	9.09882	9.1
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	569765	8.97840	9.0
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	1162850	8.67422	8.7
	28 1,2-Dichloroethene (trans)	61	9.550	9.550	(0.799)	684004	8.99821	9.0
	29 Acrylonitrile	53	9.603	9.609	(0.803)	289753	8.82295	8.8
	30 n-Hexane	57	9.993	9.998	(0.836)	751258	9.03441	9.0
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	867875	9.03042	9.0
	32 Vinyl acetate	43	10.479	10.479	(0.876)	898703	8.44341	8.4
M	33 1,2-Dichloroethene,Total	61				1215979	19.0153	19
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	531975	10.0171	10
	35 Ethyl acetate	88	11.594	11.594	(0.970)	36354	9.26590	9.3
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.964)	197243	8.67034	8.7(Q)
*	37 Bromochloromethane	128	11.957	11.957	(1.000)	440717	10.0000	(Q)
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	384634	8.52261	8.5
	39 Chloroform	83	12.074	12.074	(1.010)	1082820	9.46626	9.5
	40 Cyclohexane	84	12.421	12.427	(0.901)	737299	9.89205	9.9
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	1205527	9.63205	9.6
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	1251476	9.42731	9.4
	43 2,2,4-Trimethylpentane	57	13.078	13.078	(0.949)	2375017	9.36622	9.4
	44 Benzene	78	13.051	13.051	(0.947)	1556097	8.88384	8.9
	45 1,2-Dichloroethane	62	13.168	13.168	(0.955)	698358	9.12865	9.1
	46 n-Heptane	43	13.419	13.419	(0.974)	806149	8.73500	8.7
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	2521333	10.0000	
	48 n-Butanol	56	14.065	14.070	(1.021)	172977	8.63466	8.6
	49 Trichloroethene	95	14.236	14.241	(1.033)	753176	9.38653	9.4
	50 1,2-Dichloropropane	63	14.695	14.689	(1.066)	542308	9.11382	9.1
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	438178	8.92113	8.9
	52 Dibromomethane	174	14.919	14.919	(1.082)	598719	10.9500	11(Q)
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	168743	8.48384	8.5
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	1240338	10.0062	10
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	890470	9.66147	9.7
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	735422	8.44364	8.4
	57 n-Octane	43	16.680	16.680	(1.210)	1079104	8.73319	8.7
	58 Toluene	92	16.589	16.589	(0.860)	1124476	9.99085	10
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	901341	9.30000	9.3
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	518331	9.49799	9.5
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	933914	10.9208	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	17.838	17.838	(0.924)	698116	8.96217	9.0
	63 Dibromochloromethane	129	18.158	18.158	(0.941)	1208285	11.3458	11
	64 1,2-Dibromoethane	107	18.425	18.425	(0.955)	1015818	10.3532	10
*	65 Chlorobenzene-d5	117	19.295	19.295	(1.000)	2190412	10.0000	
	66 Chlorobenzene	112	19.354	19.354	(1.003)	1506394	10.2673	10
	67 n-Nonane	57	19.663	19.663	(1.019)	1039111	9.42823	9.4
	68 Ethylbenzene	91	19.503	19.509	(1.011)	2289377	9.69516	9.7
	69 Xylene (m,p)	106	19.743	19.743	(1.023)	1741388	19.6056	20
M	70 Xylenes, Total	106				2585883	29.4436	29
	71 Xylene (o)	106	20.507	20.512	(1.063)	844495	9.83795	9.8
	72 Styrene	104	20.544	20.544	(1.065)	1311566	10.4809	10
	73 Bromoform	173	20.907	20.907	(1.084)	1092334	11.5308	12
	74 Isopropylbenzene	105	21.131	21.131	(1.095)	2544931	9.97573	10
	75 1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	1215703	9.03439	9.0
	76 n-Propylbenzene	91	21.803	21.804	(1.130)	3070128	9.82247	9.8
	77 1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	992848	9.22494	9.2
	78 n-Decane	57	21.996	21.996	(1.140)	1153651	9.22192	9.2
	79 4-Ethyltoluene	105	21.980	21.980	(1.139)	2584993	10.0869	10
	80 2-Chlorotoluene	91	21.990	21.990	(1.140)	2276128	9.80508	9.8
	81 1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	2128860	9.67851	9.7
	82 Alpha Methyl Styrene	118	22.428	22.428	(1.162)	1053697	10.9801	11
	83 tert-butylbenzene	119	22.556	22.556	(1.169)	2072763	9.98157	10
	84 1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	2054829	9.63218	9.6
	85 sec-Butylbenzene	105	22.871	22.871	(1.185)	3049061	9.82232	9.8
	86 4-Isopropyltoluene	119	23.068	23.068	(1.196)	2633410	10.1275	10
	87 1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1408007	9.97343	10
	88 1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	1379025	10.0604	10
	89 Benzyl chloride	91	23.410	23.410	(1.213)	1956150	9.80849	9.8
	90 Undecane	57	23.709	23.709	(1.229)	980559	9.07323	9.1
	91 n-Butylbenzene	91	23.655	23.655	(1.226)	2343963	10.1723	10
	92 1,2-Dichlorobenzene	146	23.773	23.778	(1.232)	1290089	9.76375	9.8
	93 Dodecane	57	25.353	25.353	(1.314)	793579	10.3262	10
	94 1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	726791	9.44533	9.4
	95 1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	789333	9.53804	9.5
	96 Naphthalene	128	26.847	26.847	(1.391)	1524470	9.87415	9.9
	97 1,2,3-Trichlorobenzene	180	27.343	27.349	(1.417)	654055	10.5914	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cli013.d	Date:	10-MAR-2013 00:15
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icv 463802		
Lab Sample ID:	icv 463802		



Manual Integration Report

Data File: cli013.d
Lab Sample ID: icv 463802
Inj. Date and Time: 10-MAR-2013 00:15
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/11/2013

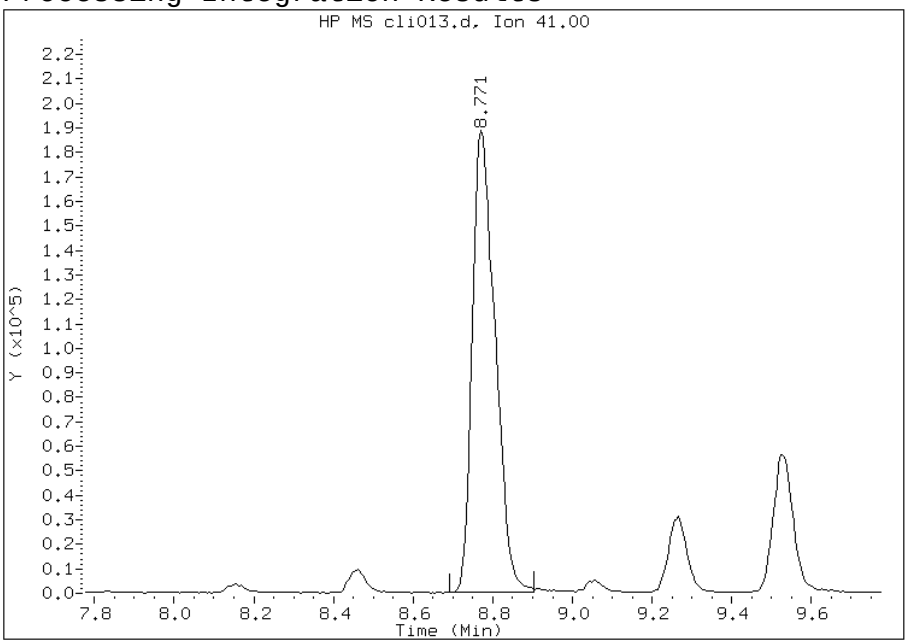
Processing Integration Results

RT: 8.77

Response: 753557

Amount: 10.14

Conc: 10.14



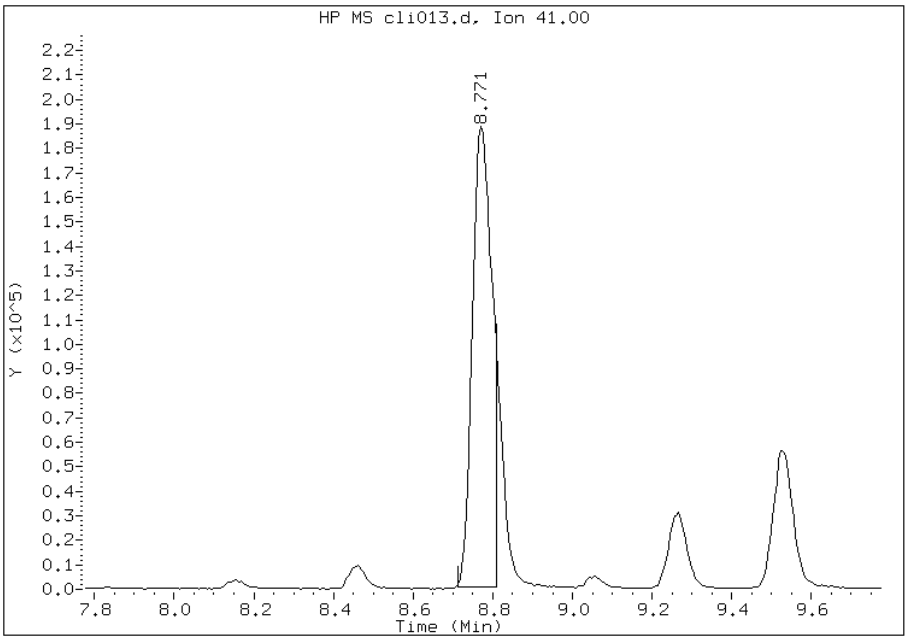
Manual Integration Results

RT: 8.77

Response: 631517

Amount: 8.49

Conc: 8.49



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cli013.d
Lab Sample ID: icv 463802
Inj. Date and Time: 10-MAR-2013 00:15
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/11/2013

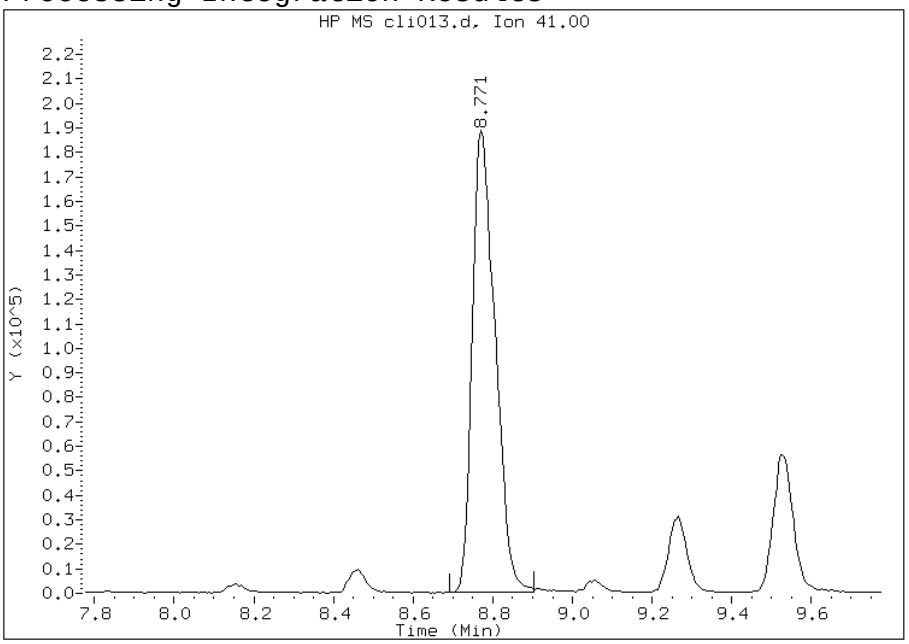
Processing Integration Results

RT: 8.77

Response: 753557

Amount: 34.75

Conc: 34.75



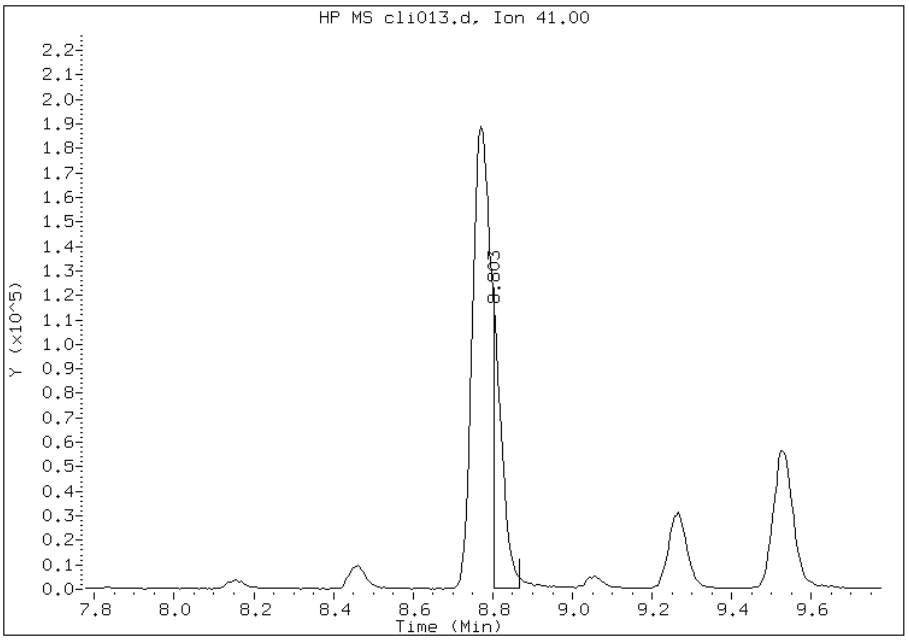
Manual Integration Results

RT: 8.80

Response: 180876

Amount: 8.34

Conc: 8.34



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: CCVIS 200-53040/3 Calibration Date: 03/14/2013 12:47

Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: clie003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9356	1.210		12.9	10.0	29.3	30.0
Dichlorodifluoromethane	Ave	3.416	4.414		12.9	10.0	29.2	30.0
Freon 22	Ave	1.843	2.466		13.4	10.0	33.8*	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.437	4.112		12.0	10.0	19.7	30.0
Chloromethane	Ave	1.029	1.287		12.5	10.0	25.1	30.0
n-Butane	Ave	1.704	2.194		12.9	10.0	28.7	30.0
Vinyl chloride	Ave	1.234	1.399		11.3	10.0	13.4	30.0
1,3-Butadiene	Ave	0.8813	1.035		11.7	10.0	17.5	30.0
Bromomethane	Ave	1.020	1.090		10.7	10.0	6.9	30.0
Chloroethane	Ave	0.5491	0.6384		11.6	10.0	16.2	30.0
Isopentane	Ave	1.327	1.573		11.9	10.0	18.5	30.0
Bromoethene(Vinyl Bromide)	Ave	1.034	1.107		10.7	10.0	7.0	30.0
Trichlorofluoromethane	Ave	3.363	3.883		11.5	10.0	15.5	30.0
n-Pentane	Ave	2.023	2.478		12.2	10.0	22.5	30.0
Ethanol	Ave	0.3273	0.3767		23.0	20.0	15.1	30.0
Ethyl ether	Ave	0.7637	0.8117		10.6	10.0	6.3	30.0
Acrolein	Ave	0.3740	0.4182		11.2	10.0	11.8	30.0
Freon TF	Ave	2.195	2.441		11.1	10.0	11.2	30.0
1,1-Dichloroethene	Ave	1.046	1.128		10.8	10.0	7.8	30.0
Acetone	Ave	1.360	1.502		11.0	10.0	10.5	30.0
Carbon disulfide	Ave	3.229	3.666		11.4	10.0	13.5	30.0
Isopropyl alcohol	Ave	0.9946	1.108		11.1	10.0	11.4	30.0
3-Chloropropene	Ave	1.687	1.948		11.5	10.0	15.5	30.0
Acetonitrile	Ave	0.4921	0.4762		9.67	10.0	-3.2	30.0
Methylene Chloride	Ave	1.218	1.465		12.0	10.0	20.2	30.0
tert-Butyl alcohol	Ave	1.440	1.595		11.1	10.0	10.8	30.0
Methyl tert-butyl ether	Ave	3.042	3.144		10.3	10.0	3.3	30.0
trans-1,2-Dichloroethene	Ave	1.725	2.052		11.9	10.0	19.0	30.0
Acrylonitrile	Ave	0.7452	0.8555		11.5	10.0	14.8	30.0
n-Hexane	Ave	1.887	2.206		11.7	10.0	16.9	30.0
1,1-Dichloroethane	Ave	2.181	2.536		11.6	10.0	16.3	30.0
Vinyl acetate	Ave	2.415	2.886		11.9	10.0	19.5	30.0
cis-1,2-Dichloroethene	Ave	1.205	1.301		10.8	10.0	8.0	30.0
Methyl Ethyl Ketone	Ave	0.5162	0.4956		9.60	10.0	-4.0	30.0
Ethyl acetate	Ave	0.0890	0.0838		9.41	10.0	-5.9	30.0
Tetrahydrofuran	Ave	0.1790	0.2032		11.3	10.0	13.5	30.0
Chloroform	Ave	2.595	2.999		11.6	10.0	15.5	30.0
1,1,1-Trichloroethane	Ave	0.4964	0.5676		11.4	10.0	14.3	30.0
Cyclohexane	Ave	0.2956	0.3201		10.8	10.0	8.3	30.0
Carbon tetrachloride	Ave	0.5265	0.5814		11.0	10.0	10.4	30.0

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Instrument ID: C.i Calib Start Date: 03/09/2013 15:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: clie003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6947	0.7042		10.1	10.0	1.4	30.0
2,2,4-Trimethylpentane	Ave	1.006	1.184		11.8	10.0	17.7	30.0
1,2-Dichloroethane	Ave	0.3034	0.3661		12.1	10.0	20.6	30.0
n-Heptane	Ave	0.3660	0.4420		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0795	0.0823		10.4	10.0	3.5	30.0
Trichloroethene	Ave	0.3182	0.3406		10.7	10.0	7.0	30.0
1,2-Dichloropropane	Ave	0.2360	0.2709		11.5	10.0	14.8	30.0
Methyl methacrylate	Ave	0.1948	0.1922		9.87	10.0	-1.3	30.0
1,4-Dioxane	Ave	0.0789	0.0779		9.87	10.0	-1.3	30.0
Dibromomethane	Ave	0.2169	0.2081		9.59	10.0	-4.1	30.0
Bromodichloromethane	Ave	0.4916	0.5757		11.7	10.0	17.1	30.0
cis-1,3-Dichloropropene	Ave	0.3655	0.4210		11.5	10.0	15.2	30.0
methyl isobutyl ketone	Ave	0.3454	0.3512		10.2	10.0	1.7	30.0
Toluene	Ave	0.5138	0.5156		10.0	10.0	0.4	30.0
n-Octane	Ave	0.4901	0.6101		12.4	10.0	24.5	30.0
trans-1,3-Dichloropropene	Ave	0.3844	0.4325		11.2	10.0	12.5	30.0
1,1,2-Trichloroethane	Ave	0.2491	0.2624		10.5	10.0	5.3	30.0
Tetrachloroethene	Ave	0.3904	0.3681		9.43	10.0	-5.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3556	0.3394		9.54	10.0	-4.6	30.0
Dibromochloromethane	Ave	0.4862	0.5129		10.5	10.0	5.5	30.0
1,2-Dibromoethane	Ave	0.4479	0.4601		10.3	10.0	2.7	30.0
Chlorobenzene	Ave	0.6698	0.6511		9.72	10.0	-2.8	30.0
Ethylbenzene	Ave	1.078	1.046		9.70	10.0	-3.0	30.0
n-Nonane	Ave	0.5032	0.5372		10.7	10.0	6.8	30.0
m,p-Xylene	Ave	0.4055	0.3720		18.3	20.0	-8.3	30.0
Xylene, o-	Ave	0.3919	0.3664		9.35	10.0	-6.5	30.0
Styrene	Ave	0.5713	0.5460		9.56	10.0	-4.4	30.0
Bromoform	Ave	0.4325	0.4240		9.80	10.0	-2.0	30.0
Cumene	Ave	1.165	1.081		9.28	10.0	-7.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6143	0.5817		9.47	10.0	-5.3	30.0
1,2,3-Trichloropropane	Ave	0.4914	0.4866		9.90	10.0	-1.0	30.0
n-Propylbenzene	Ave	1.427	1.390		9.74	10.0	-2.6	30.0
4-Ethyltoluene	Ave	1.170	1.120		9.57	10.0	-4.3	30.0
2-Chlorotoluene	Ave	1.060	1.068		10.1	10.0	0.8	30.0
n-Decane	Ave	0.5711	0.6158		10.8	10.0	7.8	30.0
1,3,5-Trimethylbenzene	Ave	1.004	0.9239		9.20	10.0	-8.0	30.0
Alpha Methyl Styrene	Ave	0.4381	0.4153		9.48	10.0	-5.2	30.0
tert-Butylbenzene	Ave	0.9480	0.8225		8.67	10.0	-13.2	30.0
1,2,4-Trimethylbenzene	Ave	0.9739	0.9025		9.26	10.0	-7.3	30.0
sec-Butylbenzene	Ave	1.417	1.285		9.07	10.0	-9.3	30.0

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GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/09/2013 21:37

Lab File ID: clie003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.187	1.039		8.75	10.0	-12.5	30.0
1,3-Dichlorobenzene	Ave	0.6445	0.5471		8.49	10.0	-15.1	30.0
1,4-Dichlorobenzene	Ave	0.6258	0.5270		8.42	10.0	-15.8	30.0
Benzyl chloride	Ave	0.9105	0.8462		9.29	10.0	-7.1	30.0
n-Butylbenzene	Ave	1.052	1.022		9.71	10.0	-2.9	30.0
n-Undecane	Ave	0.4934	0.3709		7.52	10.0	-24.8	30.0
1,2-Dichlorobenzene	Ave	0.6032	0.5075		8.41	10.0	-15.9	30.0
n-Dodecane	Ave	0.3509	0.2728		7.77	10.0	-22.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3513	0.2524		7.18	10.0	-28.2	30.0
Hexachlorobutadiene	Ave	0.3778	0.3338		8.83	10.0	-11.7	30.0
Naphthalene	Ave	0.7048	0.5480		7.77	10.0	-22.2	30.0
1,2,3-Trichlorobenzene	Ave	0.2819	0.2089		7.41	10.0	-25.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clieto15.b/clie003.d
Lab Smp Id: ccvis 463737
Inj Date : 14-MAR-2013 12:47
Operator : wrd Inst ID: C.i
Smp Info : ccvis 463737
Misc Info : 100,1, ccvis
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	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	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	4.192	4.197	(0.351)	326964	10.0000	13
2	Dichlorodifluoromethane	85	4.282	4.288	(0.358)	1192592	10.0000	13
3	Chlorodifluoromethane	51	4.336	4.341	(0.363)	666254	10.0000	13
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.619	4.624	(0.386)	1111189	10.0000	12
5	Chloromethane	50	4.773	4.779	(0.399)	347717	10.0000	13
6	Butane	43	5.040	5.046	(0.422)	592864	10.0000	13
7	Vinyl chloride	62	5.078	5.083	(0.425)	377915	10.0000	11
8	1,3-Butadiene	54	5.174	5.179	(0.433)	279736	10.0000	12
9	Bromomethane	94	5.942	5.948	(0.497)	294585	10.0000	11
10	Chloroethane	64	6.209	6.214	(0.520)	172490	10.0000	12
11	2-Methylbutane	43	6.327	6.332	(0.529)	425016	10.0000	12
12	Vinyl bromide	106	6.647	6.652	(0.556)	299112	10.0000	11
13	Trichlorofluoromethane	101	6.780	6.785	(0.567)	1049345	10.0000	12
14	Pentane	43	6.946	6.951	(0.581)	669549	10.0000	12

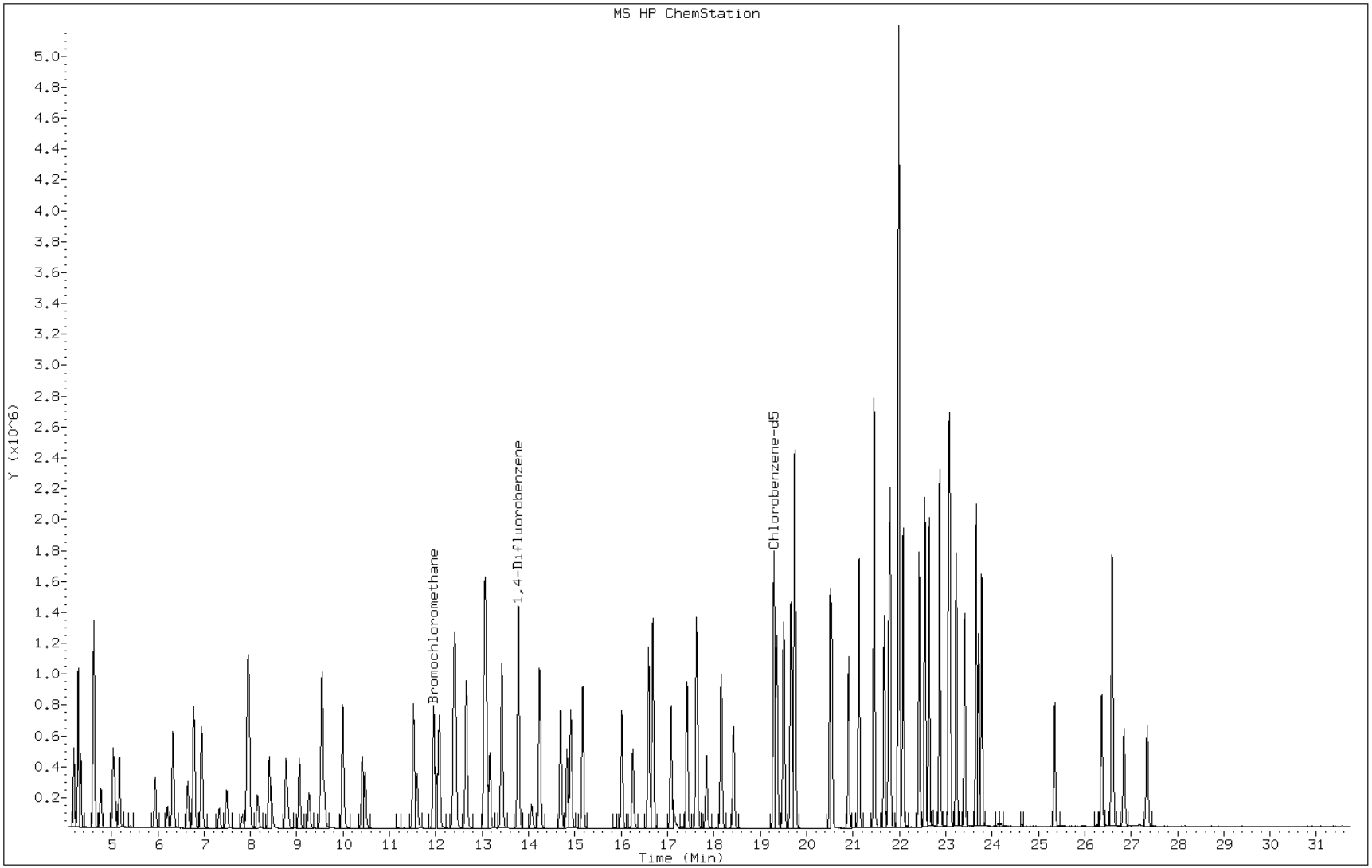
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.324	7.330	(0.613)	203602	15.0000	23
	16 Ethyl ether	59	7.490	7.490	(0.627)	219339	10.0000	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.944	(0.664)	659569	10.0000	11
	18 Acrolein	56	7.826	7.832	(0.655)	112998	10.0000	11
	19 1,1-Dichloroethene	96	7.970	7.976	(0.667)	304806	10.0000	11
	20 Acetone	43	8.152	8.157	(0.682)	405897	10.0000	11
	21 Carbon disulfide	76	8.403	8.408	(0.703)	990626	10.0000	11
	22 Isopropanol	45	8.456	8.461	(0.708)	299494	10.0000	11
	23 Allyl chloride	41	8.765	8.776	(0.733)	526477	10.0000	12(M)
	24 Acetonitrile	41	8.808	8.776	(0.737)	128665	10.0000	9.7(QM)
	25 Methylene chloride	49	9.054	9.059	(0.758)	395757	10.0000	12
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	431002	10.0000	11
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	849422	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.545	9.550	(0.799)	554401	10.0000	12
	29 Acrylonitrile	53	9.603	9.609	(0.804)	231156	10.0000	11
	30 n-Hexane	57	9.993	9.998	(0.836)	596069	10.0000	12
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	685165	10.0000	12
	32 Vinyl acetate	43	10.479	10.479	(0.877)	779813	10.0000	12
M	33 1,2-Dichloroethene,Total	61				905941	20.0000	23
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	351540	10.0000	11
	35 Ethyl acetate	88	11.594	11.594	(0.970)	22629	10.0000	9.4
	36 Methyl Ethyl Ketone	72	11.525	11.530	(0.964)	133924	10.0000	9.6(Q)
*	37 Bromochloromethane	128	11.952	11.957	(1.000)	270265	10.0000	(Q)
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	325537	10.0000	11
	39 Chloroform	83	12.074	12.074	(1.010)	810388	10.0000	12
	40 Cyclohexane	84	12.421	12.427	(0.901)	512911	10.0000	11
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	909446	10.0000	11
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	931591	10.0000	11
	43 2,2,4-Trimethylpentane	57	13.072	13.078	(0.948)	1897036	10.0000	12
	44 Benzene	78	13.051	13.051	(0.947)	1128463	10.0000	10
	45 1,2-Dichloroethane	62	13.163	13.168	(0.955)	586565	10.0000	12
	46 n-Heptane	43	13.419	13.419	(0.974)	708172	10.0000	12
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1602698	10.0000	
	48 n-Butanol	56	14.065	14.070	(1.021)	131806	10.0000	10
	49 Trichloroethene	95	14.236	14.241	(1.033)	545729	10.0000	11
	50 1,2-Dichloropropane	63	14.689	14.689	(1.066)	434014	10.0000	11
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	308024	10.0000	9.9
	52 Dibromomethane	174	14.919	14.919	(1.082)	333376	10.0000	9.6
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	124817	10.0000	9.9
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	922466	10.0000	12
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	674567	10.0000	12
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	562778	10.0000	10
	57 n-Octane	43	16.680	16.680	(1.210)	977542	10.0000	12
	58 Toluene	92	16.589	16.589	(0.860)	785210	10.0000	10
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	692957	10.0000	11
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	399493	10.0000	11
	61 Tetrachloroethene	166	17.630	17.630	(0.914)	560486	10.0000	9.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.833	17.838	(0.924)	516831	10.0000	9.5
63	Dibromochloromethane	129	18.158	18.158	(0.941)	781038	10.0000	11
64	1,2-Dibromoethane	107	18.425	18.425	(0.955)	700640	10.0000	10
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1523070	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	991405	10.0000	9.7
67	n-Nonane	57	19.663	19.663	(1.019)	818028	10.0000	11
68	Ethylbenzene	91	19.503	19.509	(1.011)	1592864	10.0000	9.7
69	Xylene (m,p)	106	19.743	19.743	(1.023)	1132789	20.0000	18
M 70	Xylenes, Total	106				1690724	10.0000	28
71	Xylene (o)	106	20.507	20.512	(1.063)	557935	10.0000	9.3
72	Styrene	104	20.544	20.544	(1.065)	831492	10.0000	9.6
73	Bromoform	173	20.907	20.907	(1.084)	645633	10.0000	9.8
74	Isopropylbenzene	105	21.131	21.131	(1.095)	1646097	10.0000	9.3
75	1,1,2,2-Tetrachloroethane	83	21.675	21.675	(1.123)	885852	10.0000	9.5
76	n-Propylbenzene	91	21.804	21.804	(1.130)	2115954	10.0000	9.7
77	1,2,3-Trichloropropane	75	21.771	21.771	(1.128)	741039	10.0000	9.9
78	n-Decane	57	21.996	21.996	(1.140)	937787	10.0000	11
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	1705717	10.0000	9.6
80	2-Chlorotoluene	91	21.990	21.990	(1.140)	1626087	10.0000	10
81	1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	1406891	10.0000	9.2
82	Alpha Methyl Styrene	118	22.428	22.428	(1.162)	632398	10.0000	9.5
83	tert-butylbenzene	119	22.556	22.556	(1.169)	1252471	10.0000	8.7
84	1,2,4-Trimethylbenzene	105	22.641	22.641	(1.173)	1374267	10.0000	9.3
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	1957477	10.0000	9.1
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	1581636	10.0000	8.7
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	833146	10.0000	8.5
88	1,4-Dichlorobenzene	146	23.228	23.228	(1.204)	802564	10.0000	8.4
89	Benzyl chloride	91	23.410	23.410	(1.213)	1288563	10.0000	9.3
90	Undecane	57	23.709	23.709	(1.229)	564821	10.0000	7.5
91	n-Butylbenzene	91	23.655	23.655	(1.226)	1555525	10.0000	9.7
92	1,2-Dichlorobenzene	146	23.773	23.778	(1.232)	772841	10.0000	8.4
93	Dodecane	57	25.353	25.353	(1.314)	415341	10.0000	7.8
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	384325	10.0000	7.2
95	1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	508289	10.0000	8.8
96	Naphthalene	128	26.847	26.847	(1.391)	834520	10.0000	7.8
97	1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	318087	10.0000	7.4

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clie003.d	Date:	14-MAR-2013 12:47
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 463737		
Lab Sample ID:	ccvis 463737		



Manual Integration Report

Data File: clie003.d
Lab Sample ID: ccvis 463737
Inj. Date and Time: 14-MAR-2013 12:47
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/15/2013

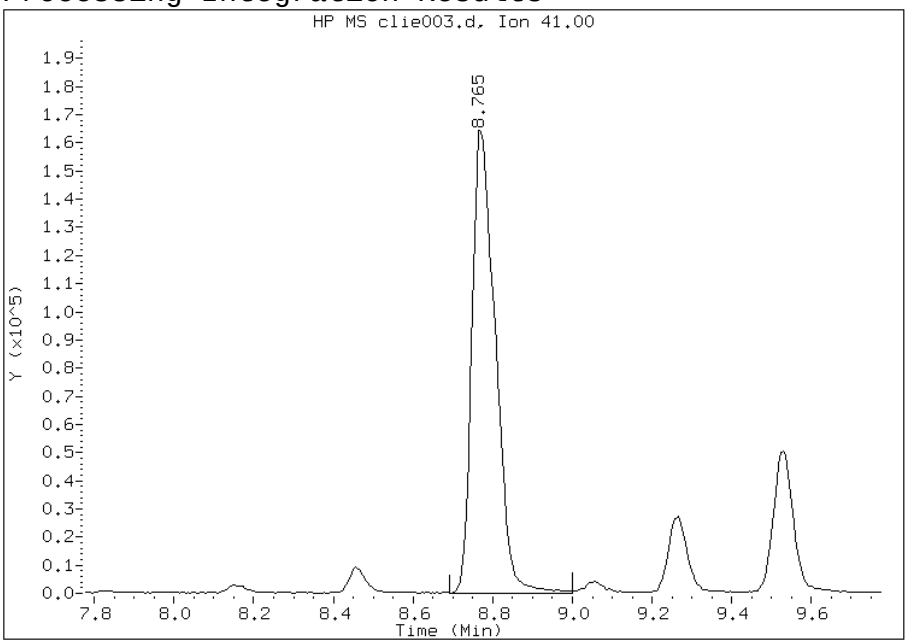
Processing Integration Results

RT: 8.77

Response: 672392

Amount: 14.75

Conc: 14.75



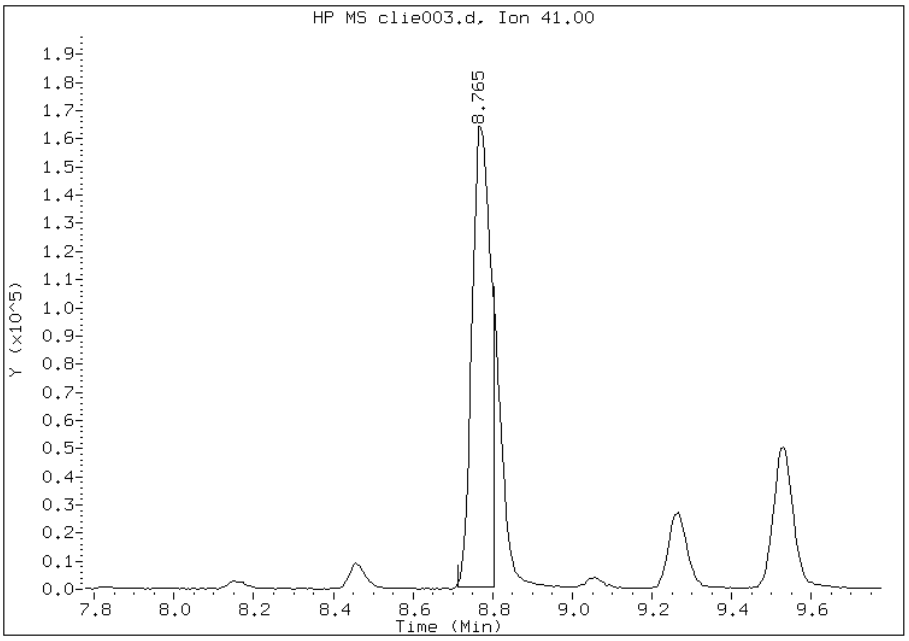
Manual Integration Results

RT: 8.77

Response: 526477

Amount: 11.55

Conc: 11.55



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clie003.d
Lab Sample ID: ccvis 463737
Inj. Date and Time: 14-MAR-2013 12:47
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/15/2013

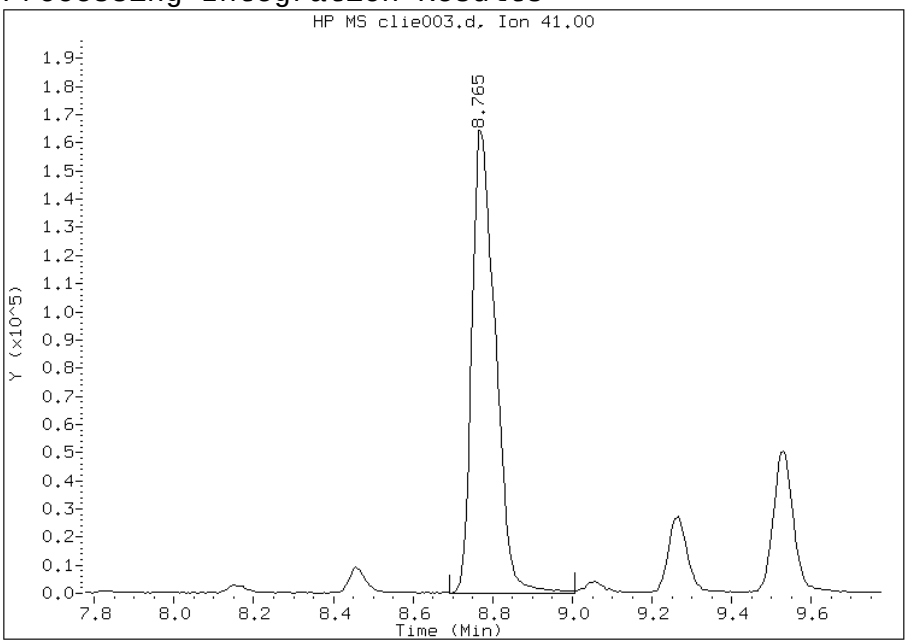
Processing Integration Results

RT: 8.77

Response: 672633

Amount: 50.58

Conc: 50.58



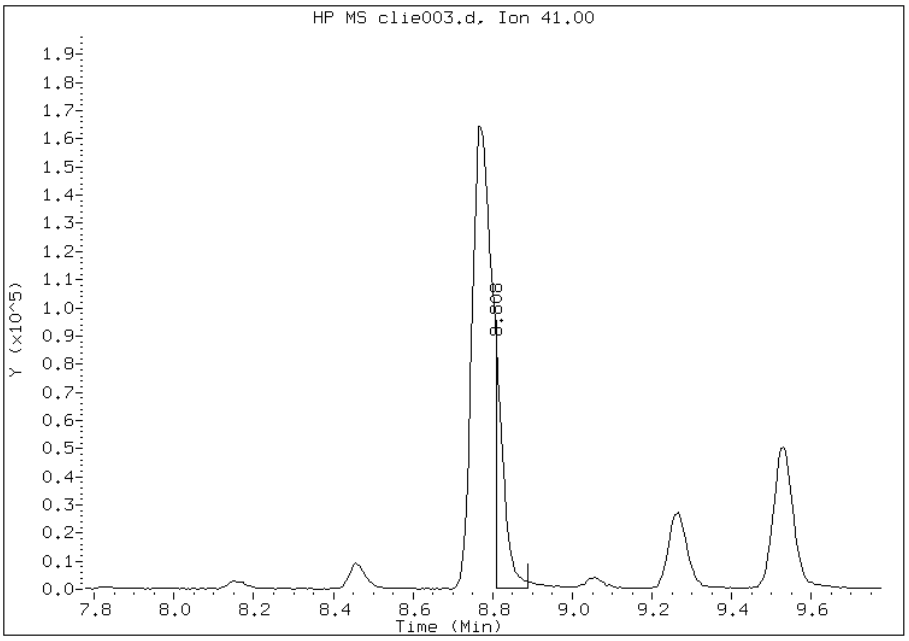
Manual Integration Results

RT: 8.81

Response: 128665

Amount: 9.67

Conc: 9.67



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: ICV 200-53304/15 Calibration Date: 03/22/2013 12:25

Instrument ID: C.i Calib Start Date: 03/22/2013 01:50

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/22/2013 09:43

Lab File ID: clj015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7434	0.7486		10.1	10.0	0.7	30.0
Dichlorodifluoromethane	Ave	2.505	2.665		10.6	10.0	6.4	30.0
Freon 22	Ave	1.318	1.378		10.5	10.0	4.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.721	2.822		10.4	10.0	3.7	30.0
Chloromethane	Ave	0.8016	0.8426		10.5	10.0	5.1	30.0
n-Butane	Ave	1.342	1.411		10.5	10.0	5.2	30.0
Vinyl chloride	Ave	0.9423	0.9767		10.4	10.0	3.7	30.0
1,3-Butadiene	Ave	0.6849	0.7388		10.8	10.0	7.9	30.0
Bromomethane	Ave	0.8585	0.8609		10.0	10.0	0.3	30.0
Chloroethane	Ave	0.4271	0.4365		10.2	10.0	2.2	30.0
Isopentane	Ave	0.9801	0.9647		9.84	10.0	-1.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8846	0.8911		10.1	10.0	0.7	30.0
Trichlorofluoromethane	Ave	2.344	2.377		10.1	10.0	1.4	30.0
n-Pentane	Ave	1.469	1.442		9.82	10.0	-1.8	30.0
Ethanol	Ave	0.2681	0.2511		14.1	15.0	-6.3	30.0
Ethyl ether	Ave	0.4819	0.5050		10.5	10.0	4.8	30.0
Acrolein	Ave	0.2533	0.2422		9.56	10.0	-4.4	30.0
Freon TF	Ave	1.745	1.863		10.7	10.0	6.8	30.0
1,1-Dichloroethene	Ave	0.8540	0.9135		10.7	10.0	7.0	30.0
Acetone	Ave	0.7616	0.8751		11.5	10.0	14.9	30.0
Carbon disulfide	Ave	2.405	2.427		10.1	10.0	0.9	30.0
Isopropyl alcohol	Ave	0.6890	0.7270		10.5	10.0	5.5	30.0
3-Chloropropene	Ave	1.210	1.087		8.98	10.0	-10.2	30.0
Acetonitrile	Ave	0.3134	0.4045		12.9	10.0	29.1	30.0
Methylene Chloride	Ave	0.8445	0.8778		10.4	10.0	3.9	30.0
tert-Butyl alcohol	Ave	1.039	0.995		9.58	10.0	-4.2	30.0
Methyl tert-butyl ether	Ave	1.919	2.071		10.8	10.0	7.9	30.0
trans-1,2-Dichloroethene	Ave	1.210	1.201		9.92	10.0	-0.8	30.0
Acrylonitrile	Ave	0.5011	0.5409		10.8	10.0	7.9	30.0
n-Hexane	Ave	1.378	1.357		9.84	10.0	-1.6	30.0
1,1-Dichloroethane	Ave	1.524	1.499		9.83	10.0	-1.6	30.0
Vinyl acetate	Ave	1.558	1.765		11.3	10.0	13.3	30.0
cis-1,2-Dichloroethene	Ave	0.9677	0.9588		9.91	10.0	-0.9	30.0
Methyl Ethyl Ketone	Ave	0.3372	0.3753		11.1	10.0	11.3	30.0
Ethyl acetate	Ave	0.0609	0.0683		11.2	10.0	12.0	30.0
Tetrahydrofuran	Ave	0.1394	0.1594		11.4	10.0	14.3	30.0
Chloroform	Ave	1.834	1.796		9.79	10.0	-2.1	30.0
1,1,1-Trichloroethane	Ave	0.4012	0.4003		9.98	10.0	-0.2	30.0
Cyclohexane	Ave	0.2641	0.2635		9.97	10.0	-0.2	30.0
Carbon tetrachloride	Ave	0.4631	0.4529		9.78	10.0	-2.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: ICV 200-53304/15 Calibration Date: 03/22/2013 12:25

Instrument ID: C.i Calib Start Date: 03/22/2013 01:50

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/22/2013 09:43

Lab File ID: clj015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5729	0.5429		9.47	10.0	-5.3	30.0
2,2,4-Trimethylpentane	Ave	0.8548	0.8576		10.0	10.0	0.3	30.0
1,2-Dichloroethane	Ave	0.2127	0.2121		9.97	10.0	-0.3	30.0
n-Heptane	Ave	0.3103	0.3120		10.1	10.0	0.6	30.0
n-Butanol	Ave	0.0735	0.0670		9.11	10.0	-8.9	30.0
Trichloroethene	Ave	0.2881	0.2617		9.08	10.0	-9.2	30.0
1,2-Dichloropropane	Ave	0.1995	0.1934		9.69	10.0	-3.1	30.0
Methyl methacrylate	Ave	0.1517	0.1634		10.8	10.0	7.7	30.0
1,4-Dioxane	Ave	0.0626	0.0645		10.3	10.0	3.1	30.0
Dibromomethane	Ave	0.2682	0.2621		9.77	10.0	-2.3	30.0
Bromodichloromethane	Ave	0.4040	0.4101		10.1	10.0	1.5	30.0
cis-1,3-Dichloropropene	Ave	0.3178	0.3030		9.53	10.0	-4.7	30.0
methyl isobutyl ketone	Ave	0.2652	0.2859		10.8	10.0	7.8	30.0
Toluene	Ave	0.4561	0.4199		9.20	10.0	-7.9	30.0
n-Octane	Ave	0.4385	0.4352		9.92	10.0	-0.8	30.0
trans-1,3-Dichloropropene	Ave	0.3105	0.2998		9.65	10.0	-3.4	30.0
1,1,2-Trichloroethane	Ave	0.2150	0.1959		9.11	10.0	-8.9	30.0
Tetrachloroethene	Ave	0.4601	0.4296		9.33	10.0	-6.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2869	0.2754		9.60	10.0	-4.0	30.0
Dibromochloromethane	Ave	0.5266	0.5359		10.2	10.0	1.8	30.0
1,2-Dibromoethane	Ave	0.4399	0.4065		9.24	10.0	-7.6	30.0
Chlorobenzene	Ave	0.6776	0.6235		9.20	10.0	-8.0	30.0
Ethylbenzene	Ave	0.8930	0.8702		9.74	10.0	-2.6	30.0
n-Nonane	Ave	0.4159	0.4229		10.2	10.0	1.7	30.0
m,p-Xylene	Ave	0.3628	0.3642		20.1	20.0	0.4	30.0
Xylene, o-	Ave	0.3582	0.3532		9.86	10.0	-1.4	30.0
Styrene	Ave	0.5389	0.5423		10.1	10.0	0.6	30.0
Bromoform	Ave	0.4899	0.5142		10.5	10.0	4.9	30.0
Cumene	Ave	0.9898	1.036		10.5	10.0	4.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4919	0.4864		9.89	10.0	-1.1	30.0
1,2,3-Trichloropropane	Ave	0.3827	0.3910		10.2	10.0	2.2	30.0
n-Propylbenzene	Ave	1.120	1.201		10.7	10.0	7.2	30.0
4-Ethyltoluene	Ave	0.9256	1.093		11.8	10.0	18.1	30.0
2-Chlorotoluene	Ave	0.8206	0.9189		11.2	10.0	12.0	30.0
n-Decane	Ave	0.3728	0.5075		13.6	10.0	36.1*	30.0
1,3,5-Trimethylbenzene	Ave	0.7959	0.8617		10.8	10.0	8.3	30.0
Alpha Methyl Styrene	Ave	0.4164	0.4754		11.4	10.0	14.2	30.0
tert-Butylbenzene	Ave	0.8182	0.9058		11.1	10.0	10.7	30.0
1,2,4-Trimethylbenzene	Ave	0.7647	0.8548		11.2	10.0	11.8	30.0
sec-Butylbenzene	Ave	1.151	1.299		11.3	10.0	12.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: ICV 200-53304/15 Calibration Date: 03/22/2013 12:25

Instrument ID: C.i Calib Start Date: 03/22/2013 01:50

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/22/2013 09:43

Lab File ID: clj015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.9508	1.150		12.1	10.0	21.0	30.0
1,3-Dichlorobenzene	Ave	0.6279	0.6512		10.4	10.0	3.7	30.0
1,4-Dichlorobenzene	Ave	0.6273	0.6436		10.3	10.0	2.6	30.0
Benzyl chloride	Ave	0.6841	0.7579		11.1	10.0	10.8	30.0
n-Butylbenzene	Ave	0.7359	0.9384		12.7	10.0	27.5	30.0
n-Undecane	Ave	0.2184	0.3202		14.7	10.0	46.6*	30.0
1,2-Dichlorobenzene	Ave	0.5959	0.6121		10.3	10.0	2.7	30.0
n-Dodecane	Ave	0.0586	0.1671		28.5	10.0	185.2*	30.0
1,2,4-Trichlorobenzene	Ave	0.2505	0.3679		14.7	10.0	46.8*	30.0
Hexachlorobutadiene	Ave	0.3063	0.3834		12.5	10.0	25.2	30.0
Naphthalene	Ave	0.3484	0.6748		19.4	10.0	93.7*	30.0
1,2,3-Trichlorobenzene	Ave	0.2059	0.3351		16.3	10.0	62.7*	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljto15.b/clj015.d
Lab Smp Id: ICV 472115
Inj Date : 22-MAR-2013 12:25
Operator : wrd Inst ID: C.i
Smp Info : ICV 472115
Misc Info : 200,1, ICV
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/to15v5.m
Meth Date : 24-Mar-2013 11:31 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 09:43 Cal File: clj012.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.186	4.192	(0.350)	253182	10.0678	10
2	Dichlorodifluoromethane	85	4.277	4.283	(0.358)	901324	10.6368	11
3	Chlorodifluoromethane	51	4.336	4.336	(0.363)	466055	10.4513	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.613	4.619	(0.386)	954341	10.3675	10
5	Chloromethane	50	4.773	4.774	(0.399)	284976	10.5094	11
6	Butane	43	5.035	5.035	(0.421)	477383	10.5192	11
7	Vinyl chloride	62	5.072	5.072	(0.424)	330359	10.3639	10
8	1,3-Butadiene	54	5.168	5.174	(0.432)	249872	10.7850	11
9	Bromomethane	94	5.942	5.942	(0.497)	291182	10.0266	10
10	Chloroethane	64	6.204	6.209	(0.519)	147625	10.2175	10
11	2-Methylbutane	43	6.326	6.327	(0.529)	326298	9.84086	9.8
12	Vinyl bromide	106	6.641	6.641	(0.556)	301384	10.0710	10
13	Trichlorofluoromethane	101	6.775	6.775	(0.567)	804105	10.1410	10
14	Pentane	43	6.945	6.946	(0.581)	487650	9.81604	9.8

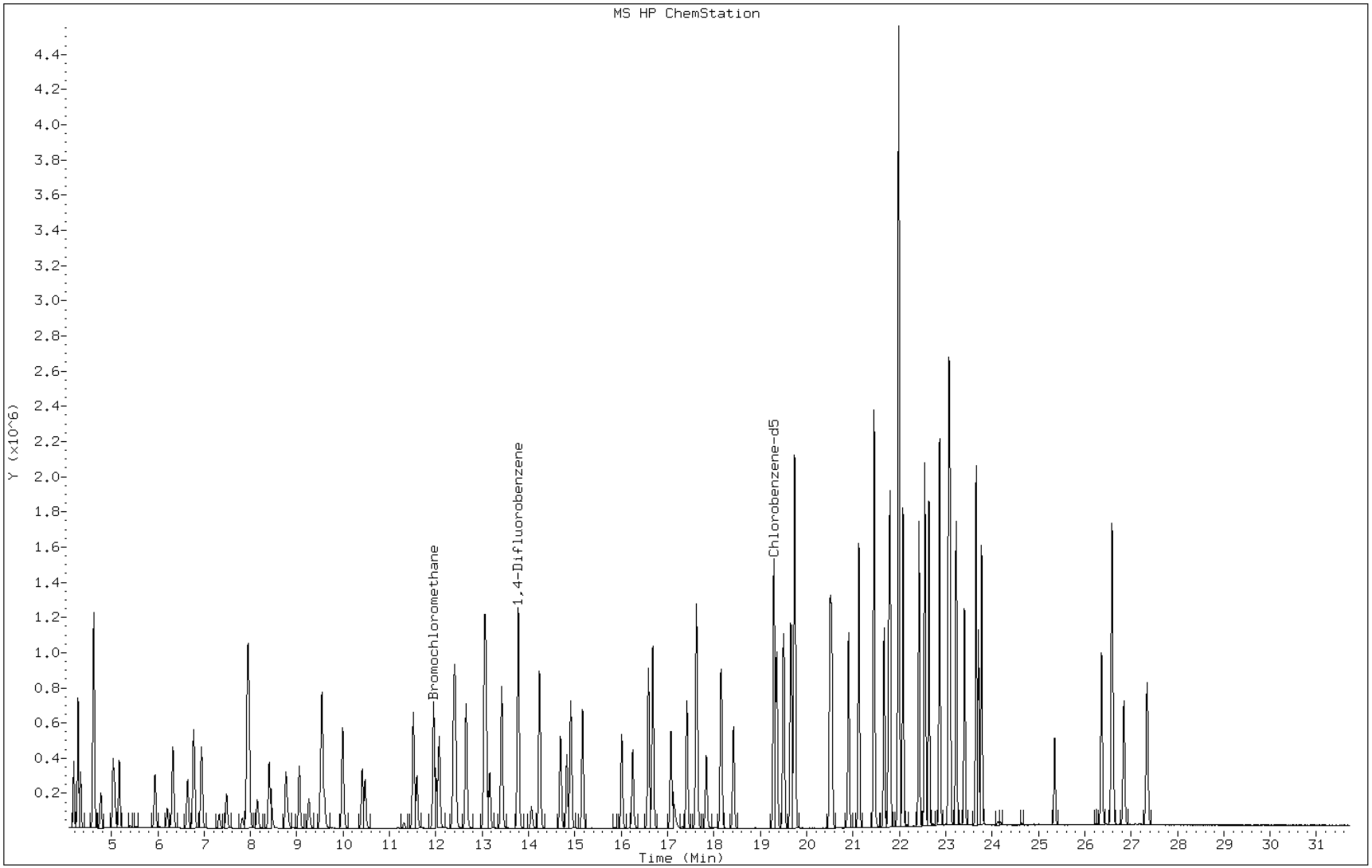
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	7.324	7.325	(0.613)	127464	14.0552	14
16	Ethyl ether	59	7.485	7.485	(0.626)	170791	10.4759	10
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	630043	10.6753	11
18	Acrolein	56	7.826	7.832	(0.655)	81925	9.56177	9.6
19	1,1-Dichloroethene	96	7.965	7.970	(0.666)	308977	10.6944	11
20	Acetone	43	8.146	8.152	(0.682)	295994	11.4890	11
21	Carbon disulfide	76	8.402	8.403	(0.703)	820771	10.0888	10
22	Isopropanol	45	8.456	8.456	(0.708)	245885	10.5492	11
23	Allyl chloride	41	8.765	8.766	(0.733)	367583	8.97974	9.0(M)
24	Acetonitrile	41	8.797	8.766	(0.736)	136826	12.9072	13(QM)
25	Methylene chloride	49	9.048	9.048	(0.757)	296880	10.3921	10
26	Tert-butyl alcohol	59	9.256	9.267	(0.774)	336590	9.57967	9.6
27	Methyl tert-butyl ether	73	9.523	9.529	(0.797)	700621	10.7915	11
28	1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	406044	9.91864	9.9
29	Acrylonitrile	53	9.598	9.598	(0.803)	182934	10.7906	11
30	n-Hexane	57	9.993	9.993	(0.836)	458872	9.84002	9.8
31	1,1-Dichloroethane	63	10.409	10.409	(0.871)	507072	9.83471	9.8
32	Vinyl acetate	43	10.473	10.473	(0.876)	597048	11.3255	11
M 33	1,2-Dichloroethene,Total	61				730345	19.8247	20
34	1,2-Dichloroethene (cis)	96	11.509	11.514	(0.963)	324301	9.90606	9.9
35	Ethyl acetate	88	11.594	11.589	(0.970)	23086	11.2005	11
36	Methyl Ethyl Ketone	72	11.525	11.525	(0.964)	126924	11.1272	11
* 37	Bromochloromethane	128	11.951	11.952	(1.000)	338291	10.0000	
38	Tetrahydrofuran	42	12.005	12.010	(0.871)	271260	11.4302	11
39	Chloroform	83	12.069	12.069	(1.010)	607580	9.79258	9.8
40	Cyclohexane	84	12.416	12.421	(0.901)	448511	9.97361	10
41	1,1,1-Trichloroethane	97	12.384	12.384	(0.899)	681470	9.97631	10
42	Carbon tetrachloride	117	12.656	12.651	(0.919)	771008	9.77803	9.8
43	2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	1459815	10.0302	10
44	Benzene	78	13.046	13.051	(0.947)	924100	9.47301	9.5
45	1,2-Dichloroethane	62	13.163	13.163	(0.955)	361087	9.97111	10
46	n-Heptane	43	13.419	13.419	(0.974)	531176	10.0535	10
* 47	1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1702626	10.0000	
48	n-Butanol	56	14.070	14.065	(1.021)	114055	9.11145	9.1
49	Trichloroethene	95	14.236	14.236	(1.033)	445479	9.08167	9.1
50	1,2-Dichloropropane	63	14.689	14.690	(1.066)	329198	9.69281	9.7
51	Methyl methacrylate	69	14.823	14.823	(1.076)	278134	10.7685	11
52	Dibromomethane	174	14.913	14.914	(1.083)	446195	9.77196	9.8
53	1,4-Dioxane	88	14.892	14.892	(1.081)	109873	10.3115	10
54	Bromodichloromethane	83	15.164	15.165	(1.101)	698057	10.1478	10
55	1,3-Dichloropropene (cis)	75	16.008	16.008	(1.162)	515806	9.53172	9.5
56	Methyl isobutyl ketone	43	16.248	16.248	(1.179)	486684	10.7775	11
57	n-Octane	43	16.680	16.680	(1.211)	740800	9.92138	9.9
58	Toluene	92	16.584	16.589	(0.859)	668116	9.20373	9.2
59	1,3-Dichloropropene (trans)	75	17.070	17.075	(1.239)	510363	9.65332	9.7
60	1,1,2-Trichloroethane	83	17.416	17.417	(0.903)	311677	9.11025	9.1
61	Tetrachloroethene	166	17.625	17.625	(0.913)	683485	9.33387	9.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	17.833	17.833	(0.924)	438156	9.59536	9.6
	63 Dibromochloromethane	129	18.153	18.153	(0.941)	852741	10.1744	10
	64 1,2-Dibromoethane	107	18.420	18.425	(0.955)	646813	9.23809	9.2
*	65 Chlorobenzene-d5	117	19.295	19.295	(1.000)	1591491	10.0000	
	66 Chlorobenzene	112	19.354	19.354	(1.003)	992049	9.19879	9.2
	67 n-Nonane	57	19.658	19.658	(1.019)	672956	10.1680	10
	68 Ethylbenzene	91	19.503	19.503	(1.011)	1384650	9.74266	9.7
	69 Xylene (m,p)	106	19.738	19.744	(1.023)	1159056	20.0725	20
M	70 Xylenes, Total	106				1721018	29.9289	30
	71 Xylene (o)	106	20.507	20.507	(1.063)	561962	9.85645	9.9
	72 Styrene	104	20.539	20.539	(1.064)	862925	10.0623	10
	73 Bromoform	173	20.901	20.902	(1.083)	818127	10.4922	10
	74 Isopropylbenzene	105	21.126	21.126	(1.095)	1648688	10.4657	10
	75 1,1,2,2-Tetrachloroethane	83	21.670	21.670	(1.123)	773945	9.88704	9.9
	76 n-Propylbenzene	91	21.798	21.798	(1.130)	1910377	10.7142	11
	77 1,2,3-Trichloropropane	75	21.771	21.772	(1.128)	622176	10.2161	10
	78 n-Decane	57	21.996	21.996	(1.140)	807519	13.6096	14(R)
	79 4-Ethyltoluene	105	21.980	21.980	(1.139)	1738799	11.8040	12
	80 2-Chlorotoluene	91	21.985	21.985	(1.139)	1462144	11.1955	11
	81 1,3,5-Trimethylbenzene	105	22.076	22.076	(1.144)	1371046	10.8247	11
	82 Alpha Methyl Styrene	118	22.422	22.423	(1.162)	756489	11.4159	11
	83 tert-butylbenzene	119	22.551	22.551	(1.169)	1441300	11.0682	11
	84 1,2,4-Trimethylbenzene	105	22.636	22.642	(1.173)	1360125	11.1764	11
	85 sec-Butylbenzene	105	22.871	22.871	(1.185)	2067414	11.2874	11
	86 4-Isopropyltoluene	119	23.068	23.068	(1.196)	1830591	12.0976	12
	87 1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	1036141	10.3695	10
	88 1,4-Dichlorobenzene	146	23.228	23.229	(1.204)	1024059	10.2580	10
	89 Benzyl chloride	91	23.404	23.405	(1.213)	1205923	11.0771	11
	90 Undecane	57	23.709	23.709	(1.229)	509500	14.6565	15(R)
	91 n-Butylbenzene	91	23.655	23.656	(1.226)	1493160	12.7493	13
	92 1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	974030	10.2702	10
	93 Dodecane	57	25.347	25.347	(1.314)	265888	28.5131	29(R)
	94 1,2,4-Trichlorobenzene	180	26.361	26.367	(1.366)	585350	14.6801	15(R)
	95 1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	610079	12.5148	13
	96 Naphthalene	128	26.841	26.847	(1.391)	1073781	19.3649	19(R)
	97 1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	533138	16.2704	16(R)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File:	clj015.d	Date:	22-MAR-2013 12:25
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ICV 472115		
Lab Sample ID:	ICV 472115		



Manual Integration Report

Data File: clj015.d
Lab Sample ID: ICV 472115
Inj. Date and Time: 22-MAR-2013 12:25
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

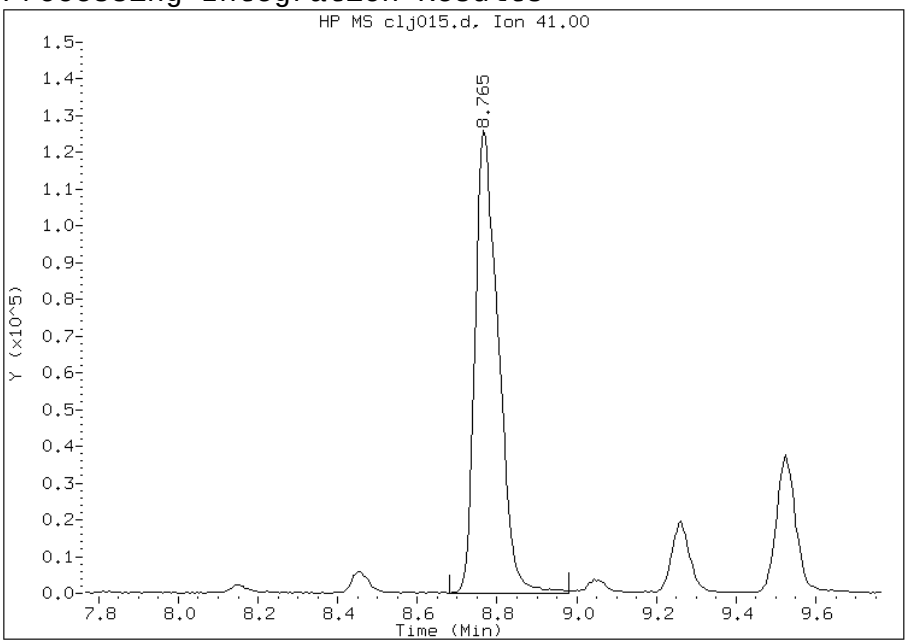
Processing Integration Results

RT: 8.77

Response: 509610

Amount: 12.45

Conc: 12.45



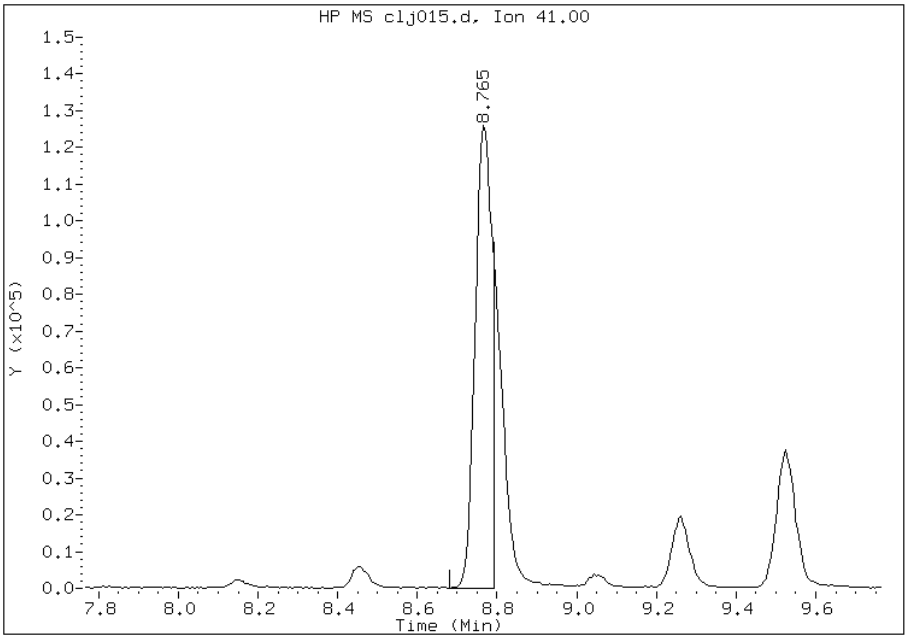
Manual Integration Results

RT: 8.77

Response: 367583

Amount: 8.98

Conc: 8.98



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clj015.d
Lab Sample ID: ICV 472115
Inj. Date and Time: 22-MAR-2013 12:25
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2013

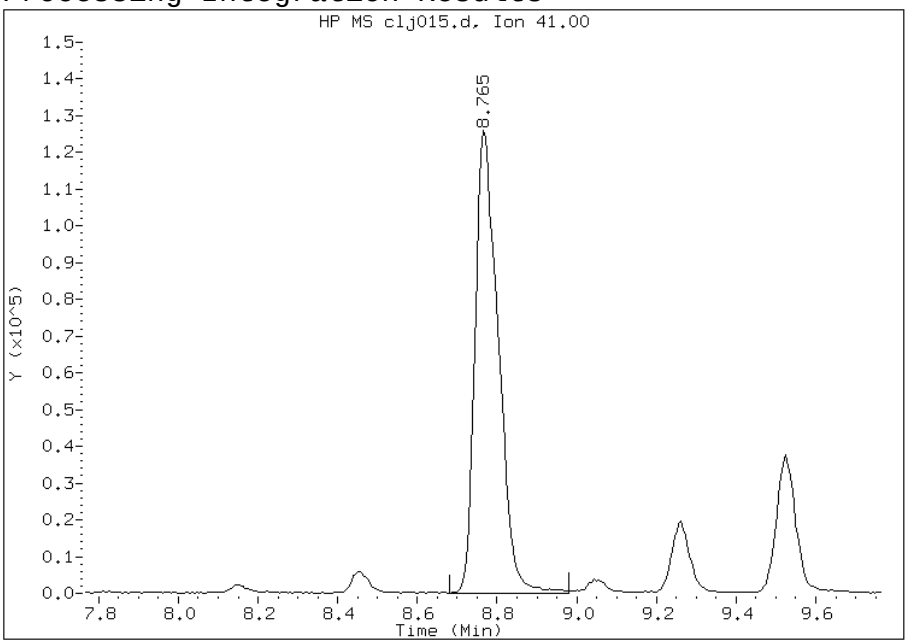
Processing Integration Results

RT: 8.77

Response: 509610

Amount: 48.07

Conc: 48.07



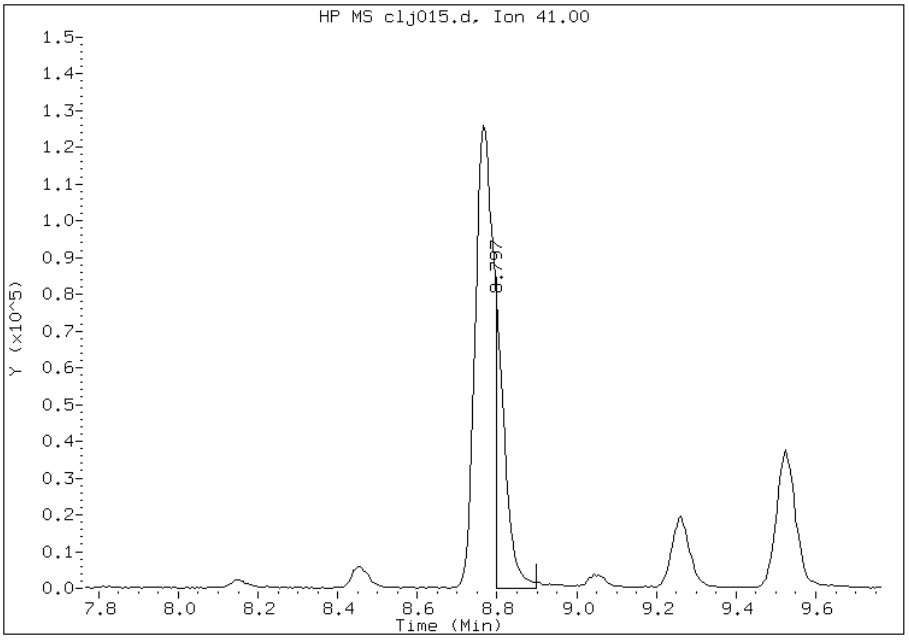
Manual Integration Results

RT: 8.80

Response: 136826

Amount: 12.91

Conc: 12.91



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: CCVIS 200-53337/2 Calibration Date: 03/22/2013 15:10

Instrument ID: C.i Calib Start Date: 03/22/2013 01:50

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/22/2013 09:43

Lab File ID: clja002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7434	0.7904		10.6	9.98	6.3	30.0
Dichlorodifluoromethane	Ave	2.505	2.733		10.9	9.98	9.1	30.0
Freon 22	Ave	1.318	1.425		10.8	9.98	8.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.721	2.900		10.6	9.98	6.6	30.0
Chloromethane	Ave	0.8016	0.8510		10.6	9.98	6.2	30.0
n-Butane	Ave	1.342	1.475		11.0	9.98	9.9	30.0
Vinyl chloride	Ave	0.9423	0.9904		10.5	9.98	5.1	30.0
1,3-Butadiene	Ave	0.6849	0.7347		10.7	9.98	7.3	30.0
Bromomethane	Ave	0.8585	0.8924		10.4	9.98	4.0	30.0
Chloroethane	Ave	0.4271	0.4542		10.6	9.98	6.3	30.0
Isopentane	Ave	0.9801	0.9483		9.65	9.98	-3.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8846	0.8527		9.62	9.98	-3.6	30.0
Trichlorofluoromethane	Ave	2.344	2.359		10.0	9.98	0.7	30.0
n-Pentane	Ave	1.469	1.489		10.1	9.98	1.4	30.0
Ethanol	Ave	0.2681	0.2836		14.1	13.3	5.8	30.0
Ethyl ether	Ave	0.4819	0.4576		9.47	9.98	-5.0	30.0
Acrolein	Ave	0.2533	0.2453		9.66	9.98	-3.1	30.0
Freon TF	Ave	1.745	1.749		10.0	9.98	0.3	30.0
1,1-Dichloroethene	Ave	0.8540	0.8432		9.85	9.98	-1.3	30.0
Acetone	Ave	0.7616	0.7593		9.95	9.98	-0.3	30.0
Carbon disulfide	Ave	2.405	2.388		9.91	9.98	-0.7	30.0
Isopropyl alcohol	Ave	0.6890	0.6556		9.49	9.98	-4.8	30.0
3-Chloropropene	Ave	1.210	1.240		10.2	9.98	2.5	30.0
Acetonitrile	Ave	0.3134	0.2496		7.95	9.98	-20.4	30.0
Methylene Chloride	Ave	0.8445	0.8551		10.1	9.98	1.3	30.0
tert-Butyl alcohol	Ave	1.039	0.9369		9.00	9.98	-9.8	30.0
Methyl tert-butyl ether	Ave	1.919	1.786		9.28	9.98	-6.9	30.0
trans-1,2-Dichloroethene	Ave	1.210	1.260		10.4	9.98	4.1	30.0
Acrylonitrile	Ave	0.5011	0.4939		9.83	9.98	-1.4	30.0
n-Hexane	Ave	1.378	1.414		10.2	9.98	2.6	30.0
1,1-Dichloroethane	Ave	1.524	1.565		10.2	9.98	2.7	30.0
Vinyl acetate	Ave	1.558	1.581		10.1	9.98	1.4	30.0
cis-1,2-Dichloroethene	Ave	0.9677	0.9660		9.96	9.98	-0.2	30.0
Methyl Ethyl Ketone	Ave	0.3372	0.3190		9.44	9.98	-5.4	30.0
Ethyl acetate	Ave	0.0609	0.0578		9.47	9.98	-5.1	30.0
Tetrahydrofuran	Ave	0.1394	0.1412		10.1	9.98	1.3	30.0
Chloroform	Ave	1.834	1.888		10.3	9.98	2.9	30.0
1,1,1-Trichloroethane	Ave	0.4012	0.4192		10.4	9.98	4.5	30.0
Cyclohexane	Ave	0.2641	0.2687		10.1	9.98	1.7	30.0
Carbon tetrachloride	Ave	0.4631	0.4851		10.5	9.98	4.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: CCVIS 200-53337/2 Calibration Date: 03/22/2013 15:10

Instrument ID: C.i Calib Start Date: 03/22/2013 01:50

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/22/2013 09:43

Lab File ID: clja002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5729	0.5649		9.84	9.98	-1.4	30.0
2,2,4-Trimethylpentane	Ave	0.8548	0.8924		10.4	9.98	4.4	30.0
1,2-Dichloroethane	Ave	0.2127	0.2259		10.6	9.98	6.2	30.0
n-Heptane	Ave	0.3103	0.3251		10.5	9.98	4.8	30.0
n-Butanol	Ave	0.0735	0.0668		9.06	9.98	-9.1	30.0
Trichloroethene	Ave	0.2881	0.2925		10.1	9.98	1.5	30.0
1,2-Dichloropropane	Ave	0.1995	0.2053		10.3	9.98	2.9	30.0
Methyl methacrylate	Ave	0.1517	0.1427		9.38	9.98	-6.0	30.0
1,4-Dioxane	Ave	0.0626	0.0583		9.29	9.98	-6.9	30.0
Dibromomethane	Ave	0.2682	0.2839		10.6	9.98	5.8	30.0
Bromodichloromethane	Ave	0.4040	0.4243		10.5	9.98	5.0	30.0
cis-1,3-Dichloropropene	Ave	0.3178	0.3178		9.98	9.98	0.0	30.0
methyl isobutyl ketone	Ave	0.2652	0.2367		8.90	9.98	-10.8	30.0
Toluene	Ave	0.4561	0.4668		10.2	9.98	2.3	30.0
n-Octane	Ave	0.4385	0.4509		10.3	9.98	2.8	30.0
trans-1,3-Dichloropropene	Ave	0.3105	0.3091		9.93	9.98	-0.4	30.0
1,1,2-Trichloroethane	Ave	0.2150	0.2287		10.6	9.98	6.4	30.0
Tetrachloroethene	Ave	0.4601	0.5398		11.7	9.98	17.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2869	0.2679		9.32	9.98	-6.6	30.0
Dibromochloromethane	Ave	0.5266	0.6039		11.4	9.98	14.7	30.0
1,2-Dibromoethane	Ave	0.4399	0.4817		10.9	9.98	9.5	30.0
Chlorobenzene	Ave	0.6776	0.7179		10.6	9.98	5.9	30.0
Ethylbenzene	Ave	0.8930	0.9189		10.3	9.98	2.9	30.0
n-Nonane	Ave	0.4159	0.4566		11.0	9.98	9.8	30.0
m,p-Xylene	Ave	0.3628	0.3880		21.3	20.0	6.9	30.0
Xylene, o-	Ave	0.3582	0.3773		10.5	9.98	5.3	30.0
Styrene	Ave	0.5389	0.5764		10.7	9.98	7.0	30.0
Bromoform	Ave	0.4899	0.5835		11.9	9.98	19.1	30.0
Cumene	Ave	0.9898	1.062		10.7	9.98	7.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4919	0.5253		10.7	9.98	6.8	30.0
1,2,3-Trichloropropane	Ave	0.3827	0.4145		10.8	9.98	8.3	30.0
n-Propylbenzene	Ave	1.120	1.234		11.0	9.98	10.1	30.0
4-Ethyltoluene	Ave	0.9256	1.113		12.0	9.98	20.3	30.0
2-Chlorotoluene	Ave	0.8206	0.9689		11.8	9.98	18.1	30.0
n-Decane	Ave	0.3728	0.4762		12.7	9.98	27.7	30.0
1,3,5-Trimethylbenzene	Ave	0.7959	0.8864		11.1	9.98	11.4	30.0
Alpha Methyl Styrene	Ave	0.4164	0.4723		11.3	9.98	13.4	30.0
tert-Butylbenzene	Ave	0.8182	0.9133		11.1	9.98	11.6	30.0
1,2,4-Trimethylbenzene	Ave	0.7647	0.8744		11.4	9.98	14.3	30.0
sec-Butylbenzene	Ave	1.151	1.307		11.3	9.98	13.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Lab Sample ID: CCVIS 200-53337/2 Calibration Date: 03/22/2013 15:10

Instrument ID: C.i Calib Start Date: 03/22/2013 01:50

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/22/2013 09:43

Lab File ID: clja002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.9508	1.151		12.1	9.98	21.1	30.0
1,3-Dichlorobenzene	Ave	0.6279	0.7277		11.6	9.98	15.9	30.0
1,4-Dichlorobenzene	Ave	0.6273	0.7033		11.2	9.98	12.1	30.0
Benzyl chloride	Ave	0.6841	0.7600		11.1	9.98	11.1	30.0
n-Butylbenzene	Ave	0.7359	0.8708		11.8	9.98	18.3	30.0
n-Undecane	Ave	0.2184	0.2164		9.88	9.98	-0.9	30.0
1,2-Dichlorobenzene	Ave	0.5959	0.6795		11.4	9.98	14.0	30.0
n-Dodecane	Ave	0.0586	0.0569		9.69	9.98	-2.9	30.0
1,2,4-Trichlorobenzene	Ave	0.2505	0.2385		9.50	9.98	-4.8	30.0
Hexachlorobutadiene	Ave	0.3063	0.3492		11.4	9.98	14.0	30.0
Naphthalene	Ave	0.3484	0.3007		8.61	9.98	-13.7	30.0
1,2,3-Trichlorobenzene	Ave	0.2059	0.1922		9.31	9.98	-6.7	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljato15.b/clja002.d
Lab Smp Id: ccvis 472059
Inj Date : 22-MAR-2013 15:10
Operator : wrd Inst ID: C.i
Smp Info : ccvis 472059
Misc Info : 133,1, CCVIS
Comment :
Method : /chem/C.i/Csvr.p/cljato15.b/to15v5.m
Meth Date : 24-Mar-2013 11:57 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 09:43 Cal File: clj012.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	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	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	4.186	4.192	(0.350)	246891	10.0000	11
2	Dichlorodifluoromethane	85	4.277	4.283	(0.358)	853743	10.0000	11
3	Chlorodifluoromethane	51	4.336	4.336	(0.363)	445112	10.0000	11
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.613	4.619	(0.386)	905736	10.0000	11
5	Chloromethane	50	4.773	4.774	(0.399)	265832	10.0000	11
6	Butane	43	5.035	5.035	(0.421)	460644	10.0000	11
7	Vinyl chloride	62	5.072	5.072	(0.424)	309354	10.0000	10
8	1,3-Butadiene	54	5.168	5.174	(0.432)	229500	10.0000	11
9	Bromomethane	94	5.942	5.942	(0.497)	278748	10.0000	10
10	Chloroethane	64	6.204	6.209	(0.519)	141870	10.0000	11
11	2-Methylbutane	43	6.321	6.327	(0.529)	296210	10.0000	9.7
12	Vinyl bromide	106	6.641	6.641	(0.556)	266369	10.0000	9.6
13	Trichlorofluoromethane	101	6.780	6.775	(0.567)	737009	10.0000	10
14	Pentane	43	6.946	6.946	(0.581)	465162	10.0000	10

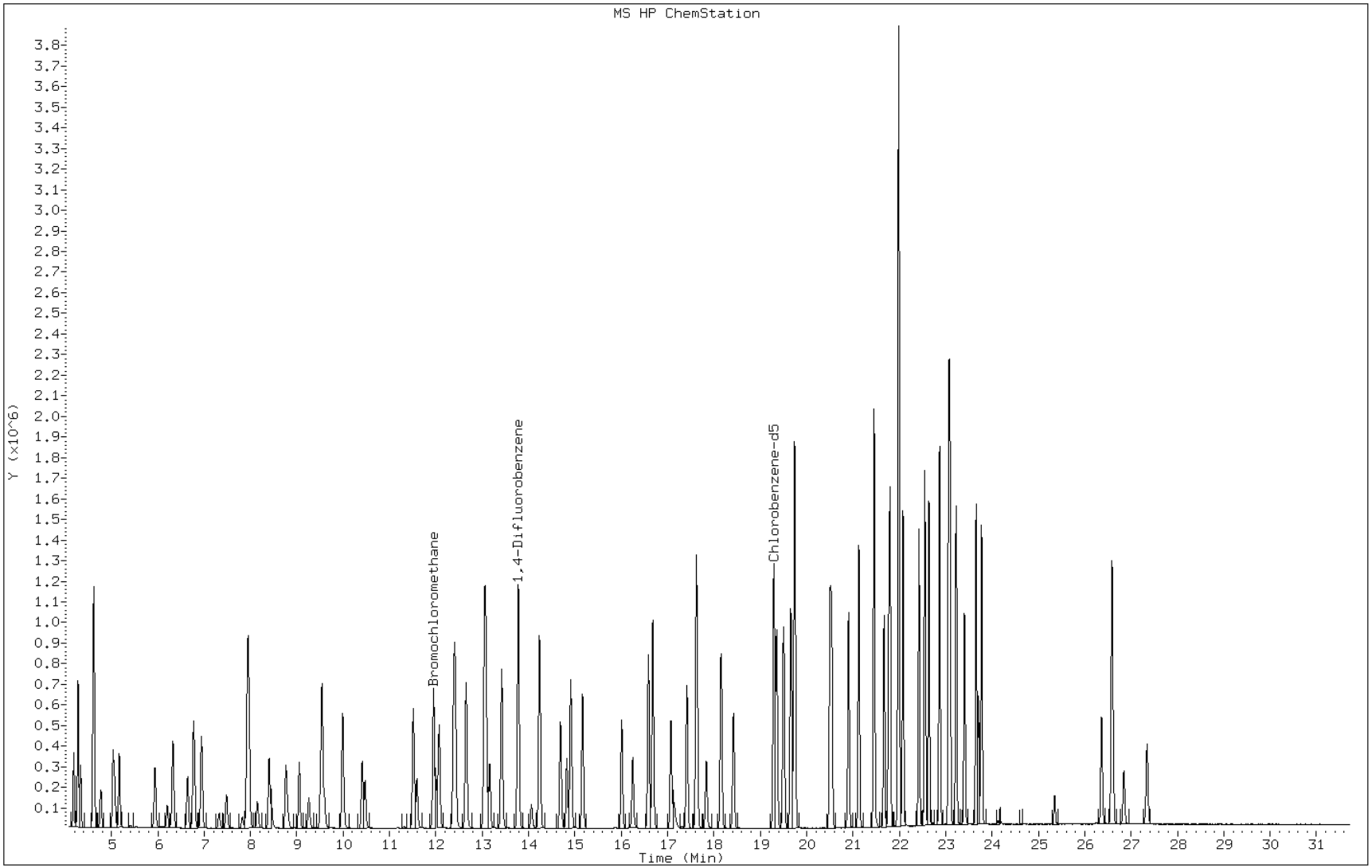
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.319	7.325	(0.612)	118377	15.0000	14
	16 Ethyl ether	59	7.485	7.485	(0.626)	142949	10.0000	9.5
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	546454	10.0000	10
	18 Acrolein	56	7.826	7.832	(0.655)	76629	10.0000	9.7
	19 1,1-Dichloroethene	96	7.965	7.970	(0.666)	263391	10.0000	9.9
	20 Acetone	43	8.152	8.152	(0.682)	237174	10.0000	9.9
	21 Carbon disulfide	76	8.403	8.403	(0.703)	745811	10.0000	9.9
	22 Isopropanol	45	8.451	8.456	(0.707)	204797	10.0000	9.5
	23 Allyl chloride	41	8.765	8.766	(0.733)	387489	10.0000	10(M)
	24 Acetonitrile	41	8.808	8.766	(0.737)	77964	10.0000	7.9(QM)
	25 Methylene chloride	49	9.054	9.048	(0.758)	267092	10.0000	10
	26 Tert-butyl alcohol	59	9.256	9.267	(0.774)	292665	10.0000	9.0
	27 Methyl tert-butyl ether	73	9.523	9.529	(0.797)	557866	10.0000	9.3
	28 1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	393459	10.0000	10
	29 Acrylonitrile	53	9.598	9.598	(0.803)	154279	10.0000	9.8
	30 n-Hexane	57	9.993	9.993	(0.836)	441727	10.0000	10
	31 1,1-Dichloroethane	63	10.409	10.409	(0.871)	488998	10.0000	10
	32 Vinyl acetate	43	10.473	10.473	(0.876)	493758	10.0000	10
M	33 1,2-Dichloroethene,Total	61				695218	20.0000	20
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	301759	10.0000	10
	35 Ethyl acetate	88	11.589	11.589	(0.970)	18065	10.0000	9.5
	36 Methyl Ethyl Ketone	72	11.525	11.525	(0.964)	99651	10.0000	9.4
*	37 Bromochloromethane	128	11.952	11.952	(1.000)	313076	10.0000	
	38 Tetrahydrofuran	42	12.005	12.010	(0.871)	223303	10.0000	10
	39 Chloroform	83	12.069	12.069	(1.010)	589620	10.0000	10
	40 Cyclohexane	84	12.416	12.421	(0.901)	425024	10.0000	10
	41 1,1,1-Trichloroethane	97	12.384	12.384	(0.899)	663194	10.0000	10
	42 Carbon tetrachloride	117	12.651	12.651	(0.918)	767402	10.0000	10
	43 2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	1411897	10.0000	10
	44 Benzene	78	13.051	13.051	(0.947)	893683	10.0000	9.8
	45 1,2-Dichloroethane	62	13.163	13.163	(0.955)	357340	10.0000	11
	46 n-Heptane	43	13.419	13.419	(0.974)	514382	10.0000	10
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1585655	10.0000	
	48 n-Butanol	56	14.065	14.065	(1.021)	105675	10.0000	9.1
	49 Trichloroethene	95	14.236	14.236	(1.033)	462796	10.0000	10
	50 1,2-Dichloropropane	63	14.689	14.690	(1.066)	324838	10.0000	10
	51 Methyl methacrylate	69	14.823	14.823	(1.076)	225674	10.0000	9.4
	52 Dibromomethane	174	14.914	14.914	(1.083)	449065	10.0000	11
	53 1,4-Dioxane	88	14.898	14.892	(1.081)	92154	10.0000	9.3
	54 Bromodichloromethane	83	15.164	15.165	(1.101)	671240	10.0000	10
	55 1,3-Dichloropropene (cis)	75	16.008	16.008	(1.162)	502812	10.0000	10
	56 Methyl isobutyl ketone	43	16.248	16.248	(1.179)	374415	10.0000	8.9
	57 n-Octane	43	16.680	16.680	(1.211)	713397	10.0000	10
	58 Toluene	92	16.589	16.589	(0.860)	614479	10.0000	10
	59 1,3-Dichloropropene (trans)	75	17.070	17.075	(1.239)	489054	10.0000	9.9
	60 1,1,2-Trichloroethane	83	17.417	17.417	(0.903)	301050	10.0000	11
	61 Tetrachloroethene	166	17.625	17.625	(0.913)	710481	10.0000	12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	17.833	17.833	(0.924)	352623	10.0000	9.3
63	Dibromochloromethane	129	18.153	18.153	(0.941)	794943	10.0000	11
64	1,2-Dibromoethane	107	18.420	18.425	(0.955)	634097	10.0000	11
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1319304	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	944919	10.0000	11
67	n-Nonane	57	19.658	19.658	(1.019)	601079	10.0000	11
68	Ethylbenzene	91	19.503	19.503	(1.011)	1209503	10.0000	10
69	Xylene (m,p)	106	19.744	19.744	(1.023)	1021320	20.0000	21
M 70	Xylenes, Total	106				1517937	10.0000	32
71	Xylene (o)	106	20.507	20.507	(1.063)	496617	10.0000	11
72	Styrene	104	20.539	20.539	(1.064)	758755	10.0000	11
73	Bromoform	173	20.902	20.902	(1.083)	768009	10.0000	12
74	Isopropylbenzene	105	21.126	21.126	(1.095)	1398138	10.0000	11
75	1,1,2,2-Tetrachloroethane	83	21.675	21.670	(1.123)	691438	10.0000	11
76	n-Propylbenzene	91	21.798	21.798	(1.130)	1623940	10.0000	11
77	1,2,3-Trichloropropane	75	21.772	21.772	(1.128)	545564	10.0000	11
78	n-Decane	57	21.996	21.996	(1.140)	626871	10.0000	13
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	1465131	10.0000	12
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	1275364	10.0000	12
81	1,3,5-Trimethylbenzene	105	22.076	22.076	(1.144)	1166712	10.0000	11
82	Alpha Methyl Styrene	118	22.423	22.423	(1.162)	621668	10.0000	11
83	tert-butylbenzene	119	22.551	22.551	(1.169)	1202188	10.0000	11
84	1,2,4-Trimethylbenzene	105	22.636	22.642	(1.173)	1150983	10.0000	11
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	1719765	10.0000	11
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	1515207	10.0000	12
87	1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	957932	10.0000	12
88	1,4-Dichlorobenzene	146	23.229	23.229	(1.204)	925795	10.0000	11
89	Benzyl chloride	91	23.410	23.405	(1.213)	1000336	10.0000	11
90	Undecane	57	23.709	23.709	(1.229)	284806	10.0000	9.9
91	n-Butylbenzene	91	23.655	23.656	(1.226)	1146225	10.0000	12
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	894384	10.0000	11
93	Dodecane	57	25.353	25.347	(1.314)	74871	10.0000	9.7
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	313977	10.0000	9.5
95	1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	459697	10.0000	11
96	Naphthalene	128	26.847	26.847	(1.391)	395847	10.0000	8.6
97	1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	252926	10.0000	9.3

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clja002.d	Date:	22-MAR-2013 15:10
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 472059		
Lab Sample ID:	ccvis 472059		



Manual Integration Report

Data File: clja002.d
Lab Sample ID: ccvis 472059
Inj. Date and Time: 22-MAR-2013 15:10
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

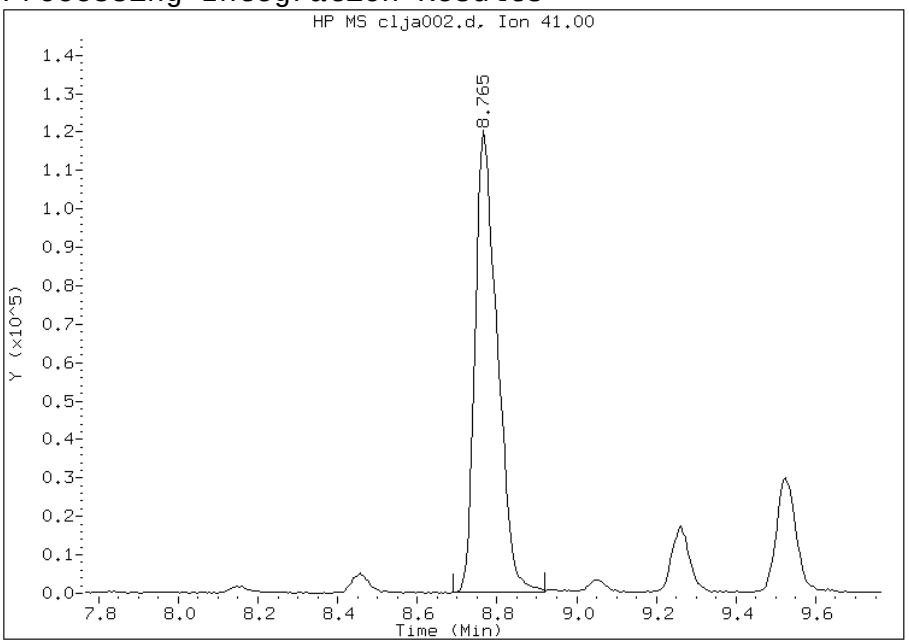
Processing Integration Results

RT: 8.77

Response: 465206

Amount: 12.28

Conc: 12.28



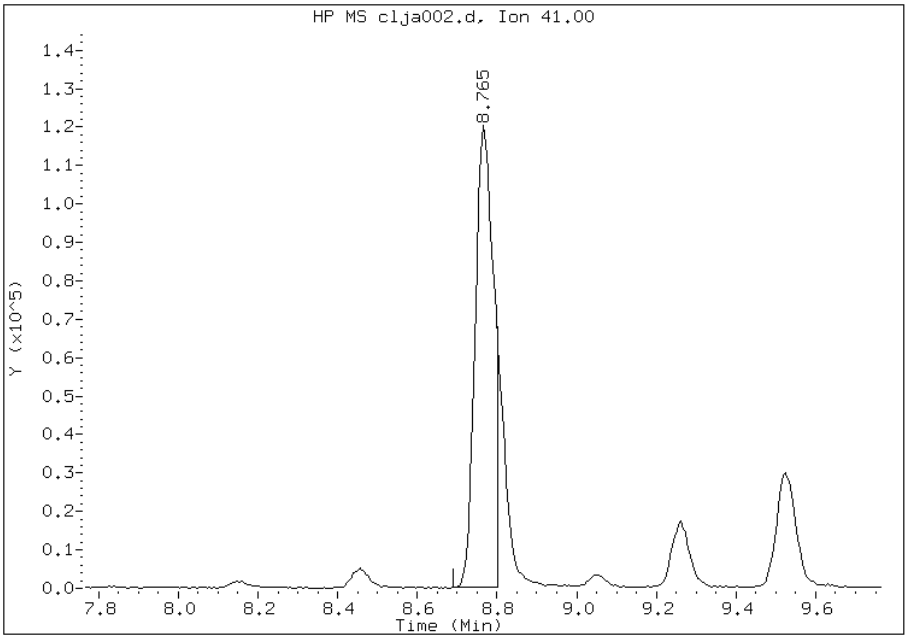
Manual Integration Results

RT: 8.77

Response: 387489

Amount: 10.23

Conc: 10.23



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clja002.d
Lab Sample ID: ccvis 472059
Inj. Date and Time: 22-MAR-2013 15:10
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2013

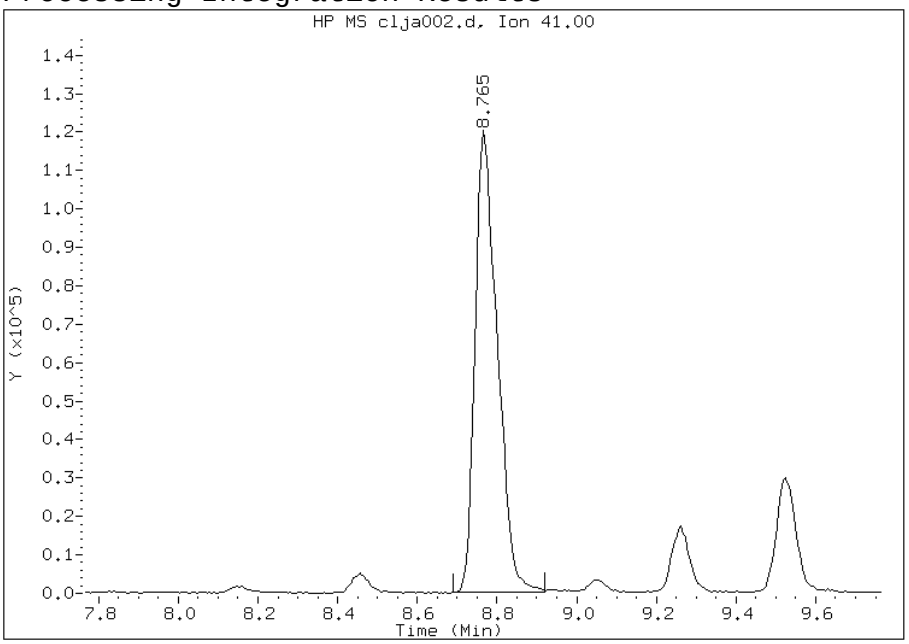
Processing Integration Results

RT: 8.77

Response: 465206

Amount: 47.42

Conc: 47.42



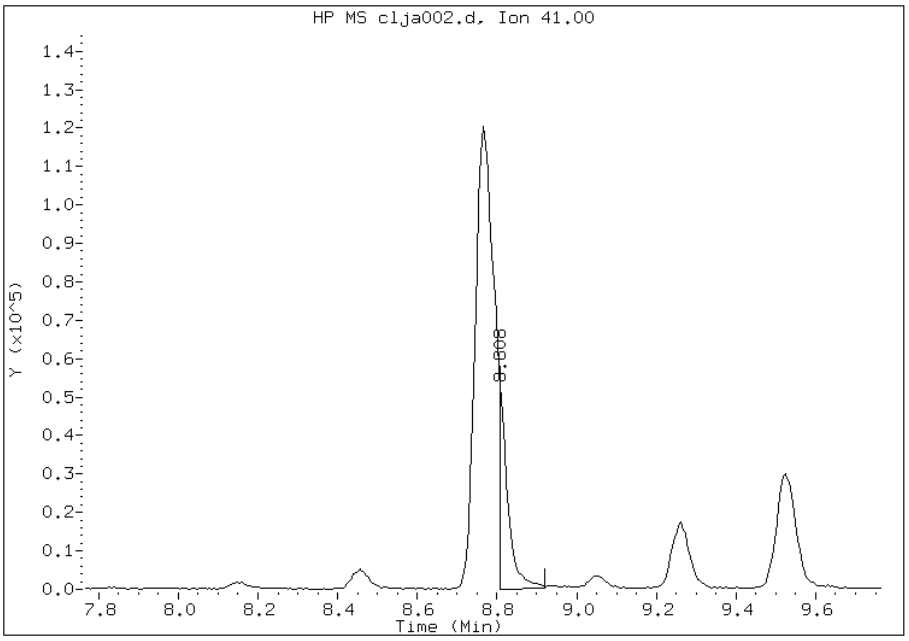
Manual Integration Results

RT: 8.81

Response: 77964

Amount: 7.95

Conc: 7.95



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/clito15.b/cli001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 09-MAR-2013 13:46
Operator : pad Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/clito15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

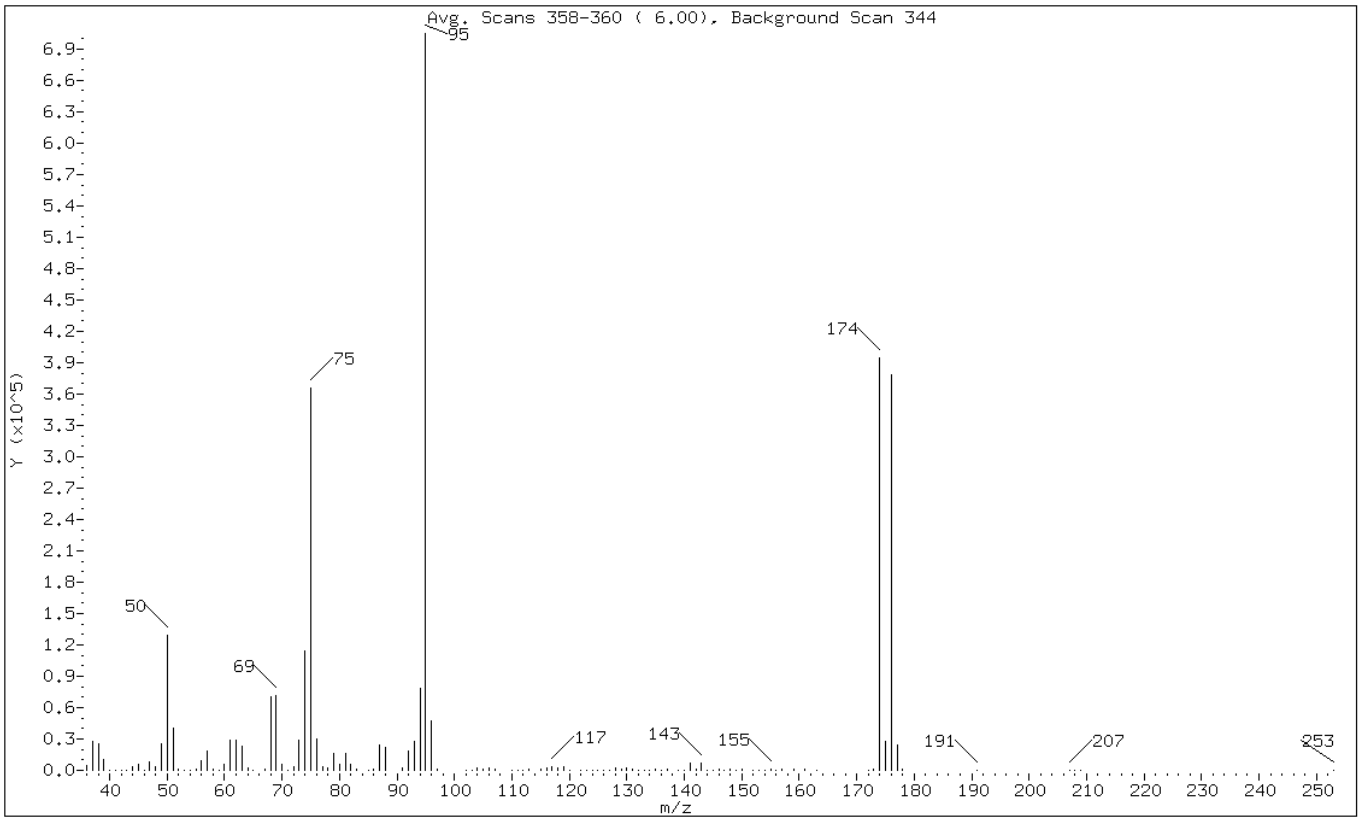
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.995	6.760	-0.765	95	704810			100.00- 100.00	100.00
5.995	6.760	-0.765	50	128940			8.00- 40.00	18.29
5.995	6.760	-0.765	75	365168			30.00- 66.00	51.81
5.995	6.760	-0.765	96	47163			5.00- 9.00	6.69
5.995	6.760	-0.765	173	722			0.00- 2.00	0.18
5.995	6.760	-0.765	174	394112			50.00- 120.00	55.92
5.995	6.760	-0.765	175	27597			4.00- 9.00	7.00
5.995	6.760	-0.765	176	378346			93.00- 101.00	96.00
5.995	6.760	-0.765	177	24768			5.00- 9.00	6.55

Data File:	cli001.d	Date:	09-MAR-2013 13:46
Client ID:	BFB	Instrument:	C.i
Operator:	pad	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	18.29
75	30.00 - 66.00% of mass 95	51.81
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.10 (0.18)
174	50.00 - 120.00% of mass 95	55.92
175	4.00 - 9.00% of mass 174	3.92 (7.00)
176	93.00 - 101.00% of mass 174	53.68 (96.00)
177	5.00 - 9.00% of mass 176	3.51 (6.55)

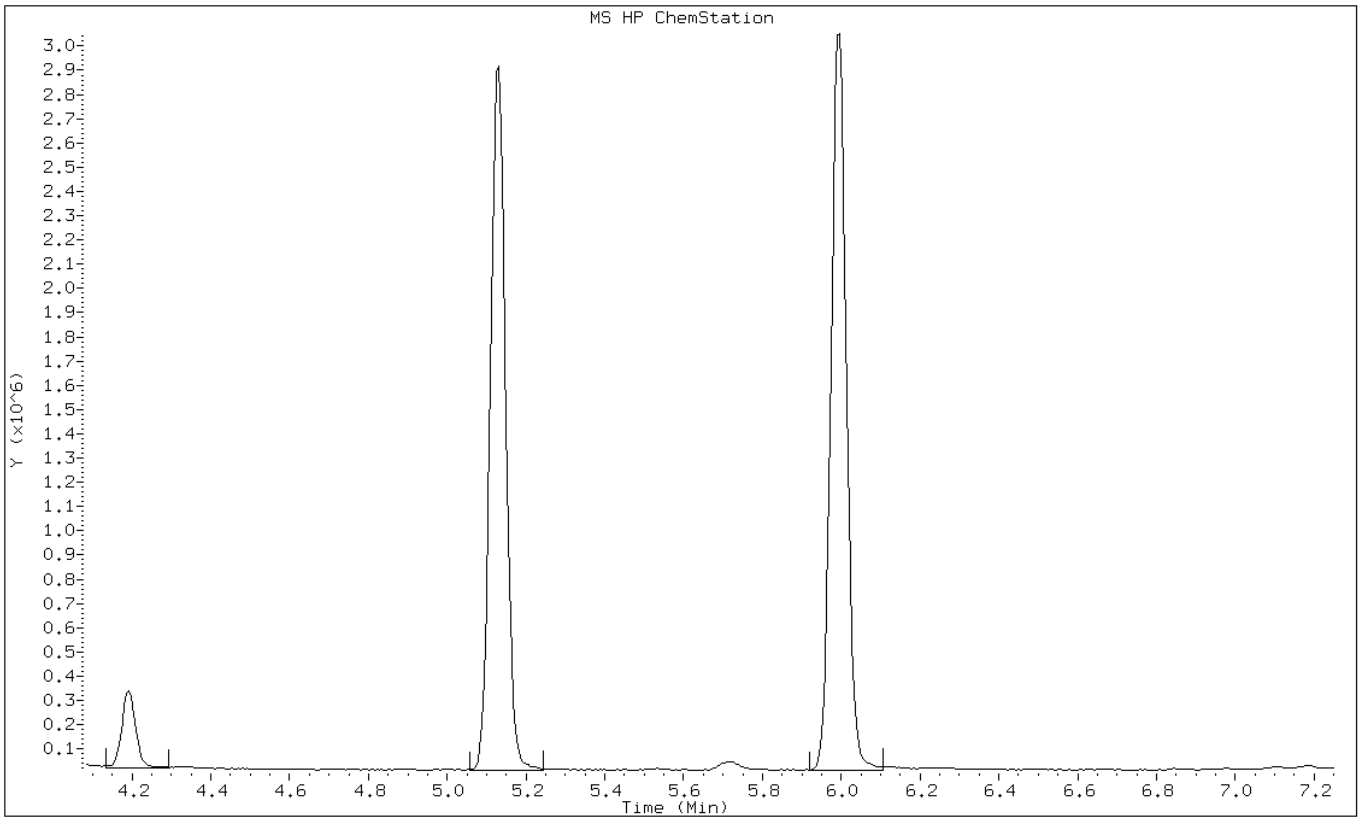
Data File: cli001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 09-MAR-2013 13:46
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/clito15.b/cli001.d
Spectrum: Avg. Scans 358-360 (6.00), Background Scan 344
Location of Maximum: 95.00
Number of points: 123

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4929	68.00	70288	106.00	2457	142.00	679
37.00	27448	69.00	71048	107.00	737	143.00	6718
38.00	25768	70.00	5721	110.00	394	144.00	371
39.00	10571	71.00	333	111.00	563	145.00	572
40.00	309	72.00	3394	112.00	369	146.00	816
41.00	61	73.00	28264	113.00	589	147.00	435
42.00	35	74.00	114624	115.00	718	148.00	1351
43.00	342	75.00	365120	116.00	2088	149.00	472
44.00	2934	76.00	30312	117.00	3892	150.00	703
45.00	5381	77.00	3509	118.00	2276	152.00	343
46.00	396	78.00	2482	119.00	3170	153.00	399
47.00	8392	79.00	15993	120.00	150	154.00	382
48.00	3285	80.00	6310	122.00	97	155.00	1404
49.00	24864	81.00	16289	123.00	92	156.00	219
50.00	128936	82.00	5206	124.00	407	157.00	922
51.00	39864	83.00	1079	125.00	282	159.00	740
52.00	1707	85.00	477	126.00	261	161.00	720
53.00	153	86.00	608	127.00	238	163.00	68
54.00	253	87.00	24256	128.00	2192	172.00	74
55.00	1314	88.00	22408	129.00	1066	173.00	722
56.00	9074	91.00	1896	130.00	2172	174.00	394112
57.00	17920	92.00	18728	131.00	900	175.00	27592
58.00	791	93.00	27976	132.00	94	176.00	378304
59.00	152	94.00	78056	133.00	84	177.00	24768
60.00	5447	95.00	704768	134.00	74	178.00	718
61.00	29160	96.00	47160	135.00	1069	191.00	354
62.00	29032	97.00	1466	136.00	175	207.00	467
63.00	22504	102.00	72	137.00	1010	208.00	156
64.00	2311	103.00	425	139.00	218	209.00	111
65.00	283	104.00	2706	140.00	448	253.00	66
67.00	1455	105.00	974	141.00	6364		

Data File:	cli001.d	Date:	09-MAR-2013 13:46
Client ID:	BFB	Instrument:	C.i
Operator:	pad	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/clieto15.b/clie001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 14-MAR-2013 11:01
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

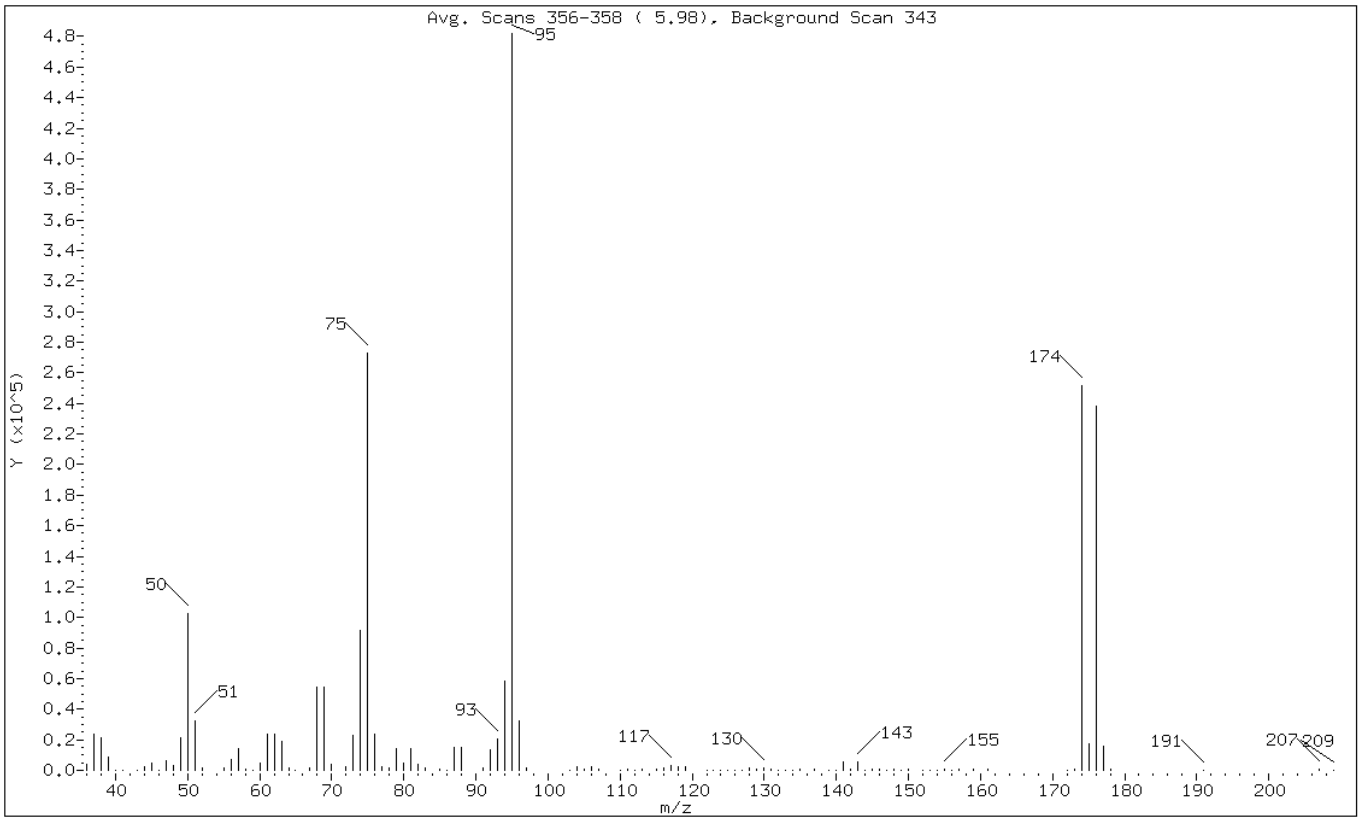
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.985	6.760	-0.775	95	481920			100.00- 100.00	100.00
5.985	6.760	-0.775	50	102416			8.00- 40.00	21.25
5.985	6.760	-0.775	75	273280			30.00- 66.00	56.71
5.985	6.760	-0.775	96	32106			5.00- 9.00	6.66
5.985	6.760	-0.775	173	858			0.00- 2.00	0.34
5.985	6.760	-0.775	174	252010			50.00- 120.00	52.29
5.985	6.760	-0.775	175	17055			4.00- 9.00	6.77
5.985	6.760	-0.775	176	237973			93.00- 101.00	94.43
5.985	6.760	-0.775	177	15870			5.00- 9.00	6.67

Data File:	clie001.d	Date:	14-MAR-2013 11:01
Client ID:	BFB	Instrument:	C.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	21.25
75	30.00 - 66.00% of mass 95	56.71
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.18 (0.34)
174	50.00 - 120.00% of mass 95	52.29
175	4.00 - 9.00% of mass 174	3.54 (6.77)
176	93.00 - 101.00% of mass 174	49.38 (94.43)
177	5.00 - 9.00% of mass 176	3.29 (6.67)

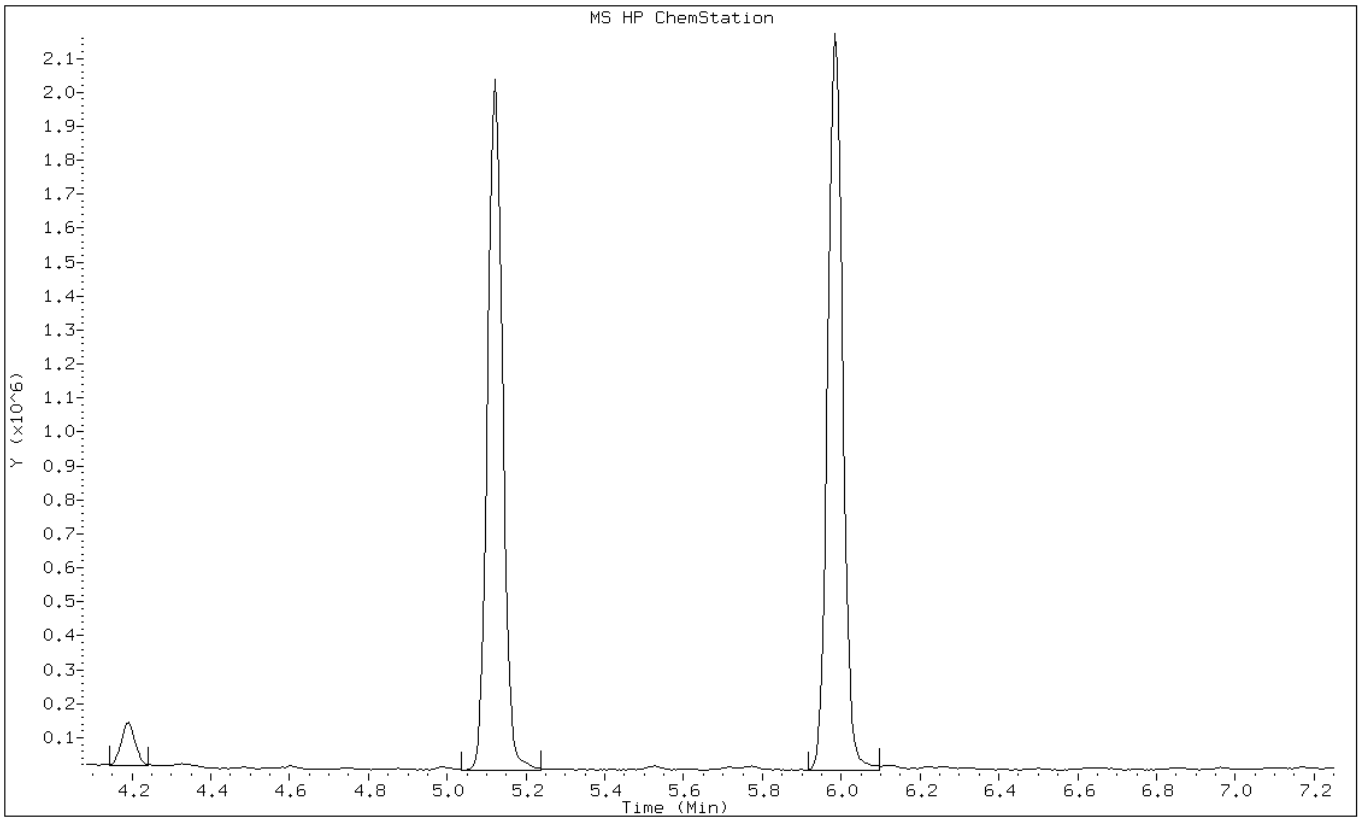
Data File: clie001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 14-MAR-2013 11:01
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/clieto15.b/clie001.d
Spectrum: Avg. Scans 356-358 (5.98), Background Scan 343
Location of Maximum: 95.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4243	69.00	54520	107.00	482	143.00	5574
37.00	23832	70.00	4315	110.00	207	144.00	338
38.00	21592	72.00	2491	111.00	491	145.00	462
39.00	8866	73.00	22648	112.00	367	146.00	642
40.00	354	74.00	91568	113.00	412	147.00	346
41.00	52	75.00	273280	115.00	543	148.00	1028
43.00	335	76.00	23440	116.00	1874	149.00	270
44.00	2610	77.00	2606	117.00	3141	150.00	438
45.00	4498	78.00	1419	118.00	2066	152.00	167
46.00	377	79.00	14301	119.00	2666	153.00	273
47.00	6336	80.00	5052	122.00	67	154.00	270
48.00	3051	81.00	14422	123.00	74	155.00	901
49.00	21304	82.00	4250	124.00	286	156.00	68
50.00	102416	83.00	1416	125.00	164	157.00	658
51.00	32408	85.00	512	126.00	185	159.00	575
52.00	1525	86.00	393	127.00	148	161.00	667
55.00	1230	87.00	15234	128.00	1668	172.00	78
56.00	7023	88.00	14686	129.00	724	173.00	858
57.00	14304	91.00	1778	130.00	1781	174.00	251968
58.00	537	92.00	13751	131.00	801	175.00	17048
59.00	77	93.00	20272	132.00	69	176.00	237952
60.00	4339	94.00	58320	133.00	108	177.00	15870
61.00	23496	95.00	481920	134.00	91	178.00	444
62.00	23952	96.00	32104	135.00	1062	191.00	18
63.00	18720	97.00	1213	137.00	997	207.00	591
64.00	1664	103.00	308	139.00	67	209.00	287
65.00	271	104.00	2154	140.00	368		
67.00	1214	105.00	813	141.00	5168		
68.00	54232	106.00	2038	142.00	589		

Data File:	clie001.d	Date:	14-MAR-2013 11:01
Client ID:	BFB	Instrument:	C.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/cljto15.b/clih001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 22-MAR-2013 00:06
Operator : AHK Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/cljto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

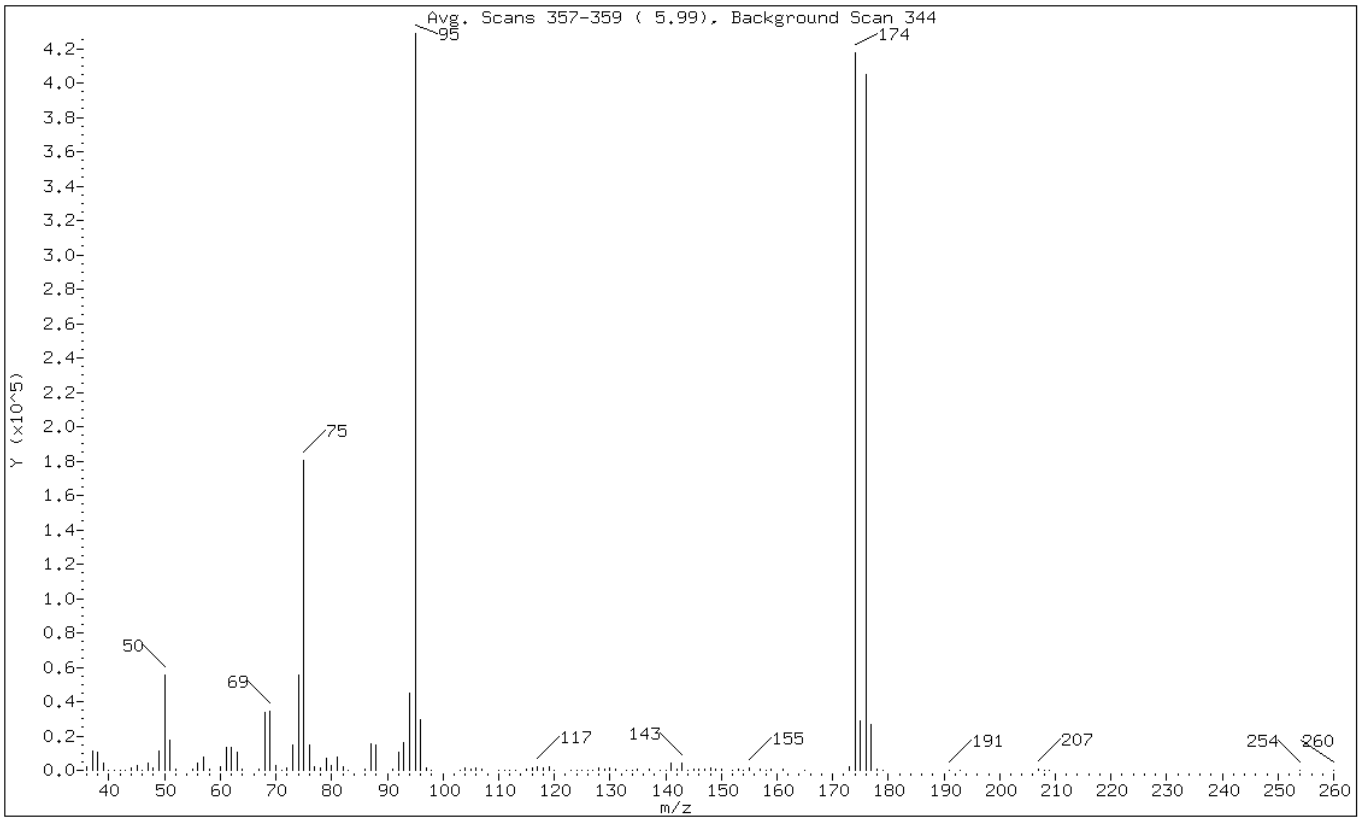
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.990	6.760	-0.770	95	428800			100.00- 100.00	100.00
5.990	6.760	-0.770	50	55458			8.00- 40.00	12.93
5.990	6.760	-0.770	75	180054			30.00- 66.00	41.99
5.990	6.760	-0.770	96	29295			5.00- 9.00	6.83
5.990	6.760	-0.770	173	1966			0.00- 2.00	0.47
5.990	6.760	-0.770	174	417962			50.00- 120.00	97.47
5.990	6.760	-0.770	175	28704			4.00- 9.00	6.87
5.990	6.760	-0.770	176	404821			93.00- 101.00	96.86
5.990	6.760	-0.770	177	26707			5.00- 9.00	6.60

Data File:	clj001.d	Date:	22-MAR-2013 00:06
Client ID:	BFB	Instrument:	C.i
Operator:	AHK	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.93
75	30.00 - 66.00% of mass 95	41.99
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.46 (0.47)
174	50.00 - 120.00% of mass 95	97.47
175	4.00 - 9.00% of mass 174	6.69 (6.87)
176	93.00 - 101.00% of mass 174	94.41 (96.86)
177	5.00 - 9.00% of mass 176	6.23 (6.60)

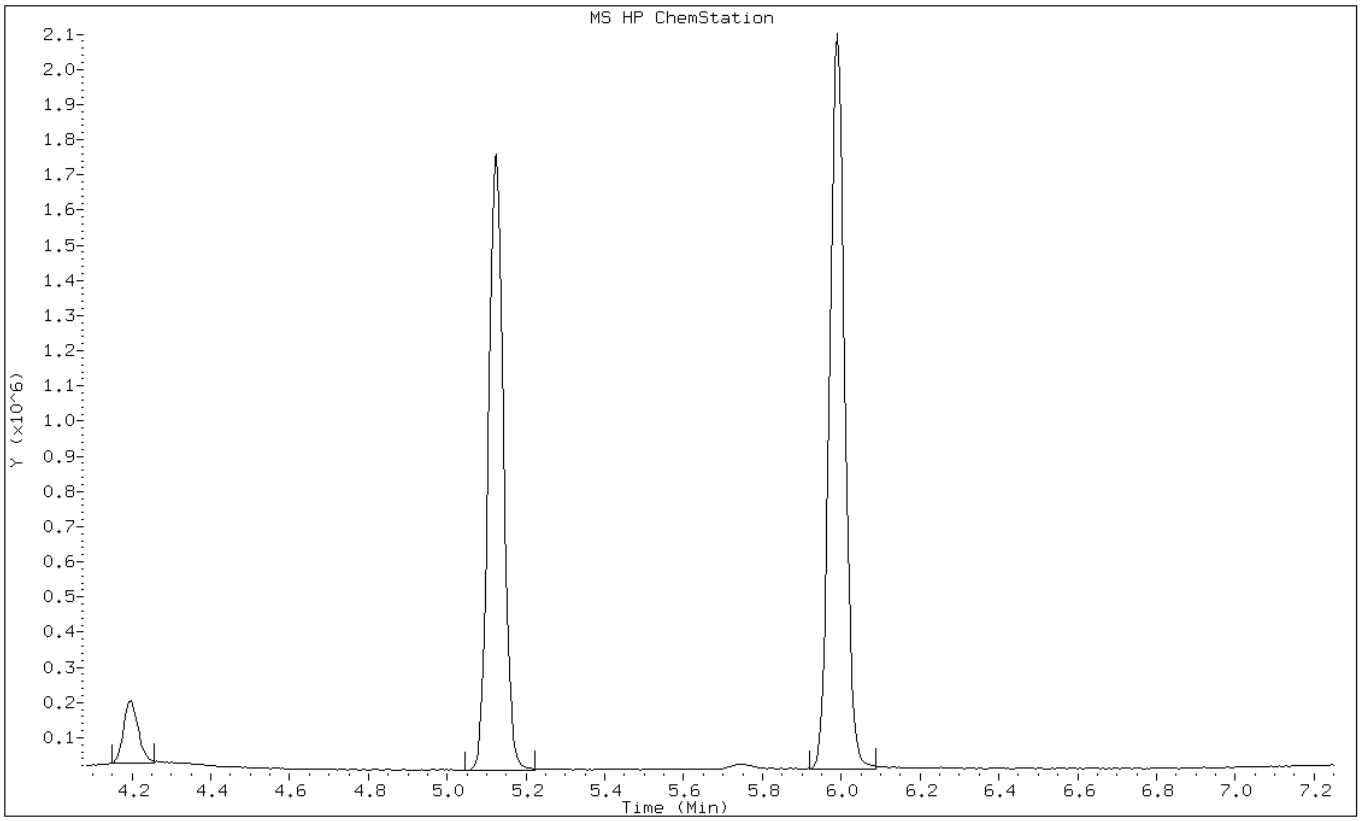
Data File: clj001.d
Client ID: BFB
Operator: AHK
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 22-MAR-2013 00:06
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cljto15.b/clj001.d
Spectrum: Avg. Scans 357-359 (5.99), Background Scan 344
Location of Maximum: 95.00
Number of points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2188	71.00	151	111.00	340	147.00	458
37.00	11266	72.00	1649	112.00	75	148.00	1143
38.00	10621	73.00	14857	113.00	317	149.00	429
39.00	4271	74.00	55632	115.00	455	150.00	605
40.00	125	75.00	180032	116.00	1343	152.00	98
41.00	54	76.00	15075	117.00	2316	153.00	402
42.00	77	77.00	2033	118.00	1310	154.00	312
43.00	123	78.00	1385	119.00	2195	155.00	1180
44.00	1395	79.00	7314	120.00	68	157.00	888
45.00	2520	80.00	2623	123.00	68	158.00	67
46.00	67	81.00	7805	124.00	307	159.00	562
47.00	4347	82.00	2446	125.00	164	161.00	647
48.00	1539	83.00	336	126.00	260	165.00	89
49.00	10961	86.00	389	127.00	326	173.00	1966
50.00	55456	87.00	15159	128.00	1490	174.00	417920
51.00	17424	88.00	14938	129.00	726	175.00	28704
52.00	840	91.00	1037	130.00	1605	176.00	404800
55.00	505	92.00	10518	131.00	712	177.00	26704
56.00	4044	93.00	15805	133.00	4	178.00	804
57.00	7524	94.00	44752	134.00	80	179.00	76
58.00	386	95.00	428800	135.00	688	191.00	152
60.00	2442	96.00	29288	137.00	696	193.00	26
61.00	13022	97.00	1082	139.00	71	207.00	565
62.00	13110	98.00	73	140.00	189	208.00	142
63.00	10410	103.00	263	141.00	4294	209.00	91
64.00	910	104.00	1500	142.00	459	254.00	175
67.00	880	105.00	634	143.00	4327	260.00	30
68.00	33712	106.00	1576	144.00	226		
69.00	34176	107.00	407	145.00	393		
70.00	2716	110.00	144	146.00	677		

Data File:	clj001.d	Date:	22-MAR-2013 00:06
Client ID:	BFB	Instrument:	C.i
Operator:	AHK	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/cljato15.b/clja001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 22-MAR-2013 14:19
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/cljato15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

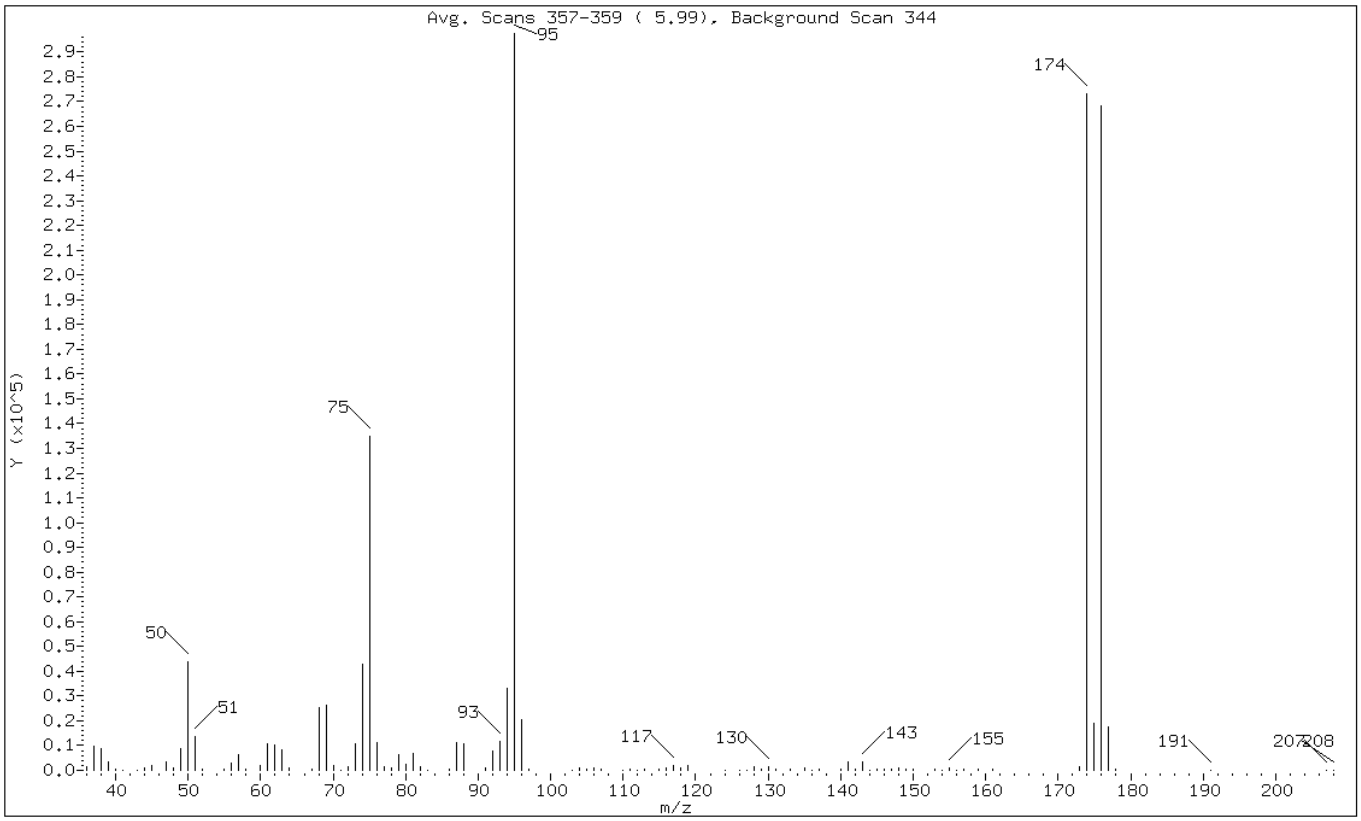
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.990	6.760	-0.770	95	297493			100.00- 100.00	100.00
5.990	6.760	-0.770	50	44037			8.00- 40.00	14.80
5.990	6.760	-0.770	75	134658			30.00- 66.00	45.26
5.990	6.760	-0.770	96	20238			5.00- 9.00	6.80
5.990	6.760	-0.770	173	1414			0.00- 2.00	0.52
5.990	6.760	-0.770	174	273322			50.00- 120.00	91.88
5.990	6.760	-0.770	175	18866			4.00- 9.00	6.90
5.990	6.760	-0.770	176	268117			93.00- 101.00	98.10
5.990	6.760	-0.770	177	17586			5.00- 9.00	6.56

Data File: clja001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 22-MAR-2013 14:19
Instrument: C.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	14.80
75	30.00 - 66.00% of mass 95	45.26
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.48 (0.52)
174	50.00 - 120.00% of mass 95	91.88
175	4.00 - 9.00% of mass 174	6.34 (6.90)
176	93.00 - 101.00% of mass 174	90.13 (98.10)
177	5.00 - 9.00% of mass 176	5.91 (6.56)

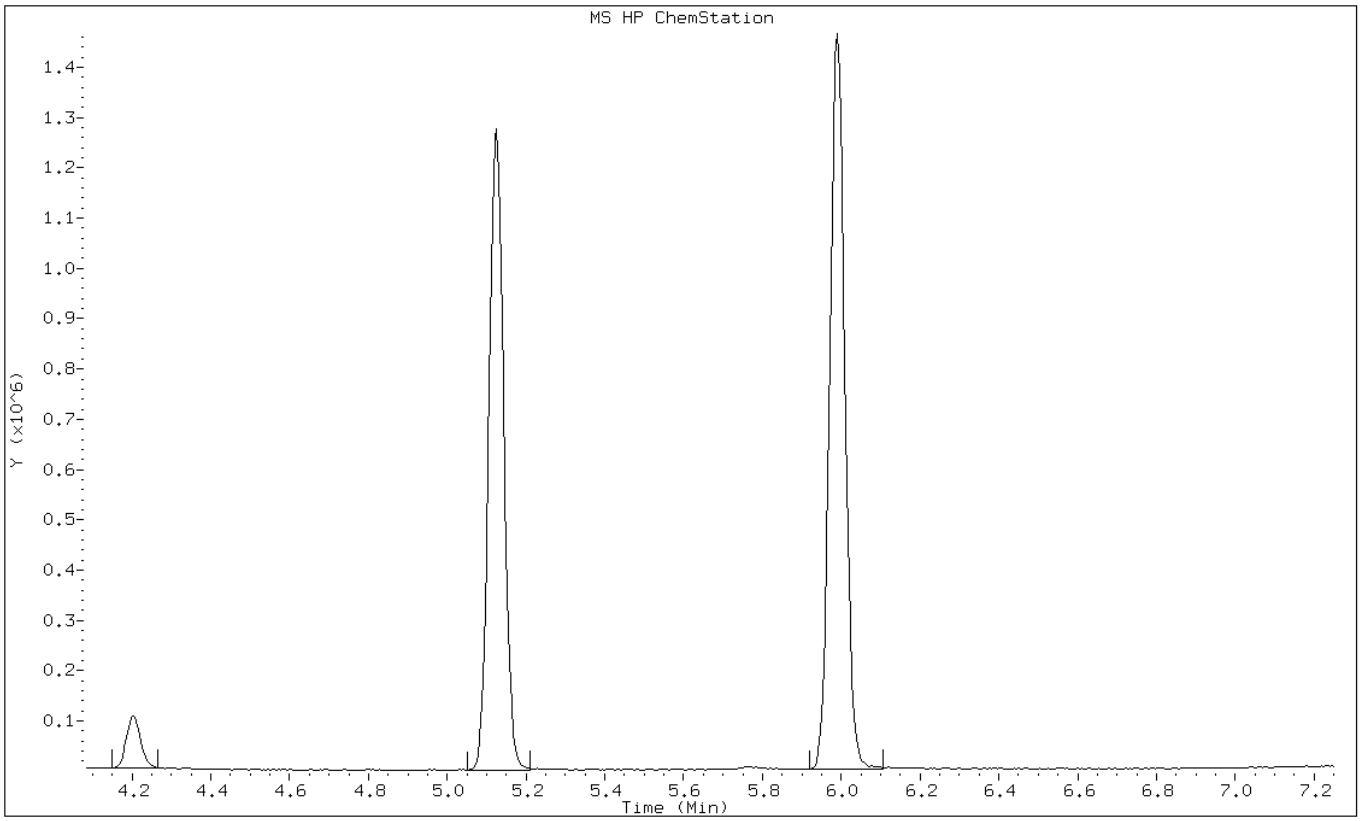
Data File: clja001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 22-MAR-2013 14:19
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cljato15.b/clja001.d
Spectrum: Avg. Scans 357-359 (5.99), Background Scan 344
Location of Maximum: 95.00
Number of points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1643	69.00	26176	104.00	1209	142.00	426
37.00	9650	70.00	2058	105.00	431	143.00	3473
38.00	8993	71.00	74	106.00	1202	144.00	160
39.00	3577	72.00	1238	107.00	344	145.00	273
40.00	301	73.00	10668	110.00	68	146.00	534
41.00	156	74.00	43000	111.00	306	147.00	356
43.00	174	75.00	134656	112.00	74	148.00	944
44.00	1127	76.00	11401	113.00	270	149.00	294
45.00	2046	77.00	1648	115.00	382	150.00	356
47.00	3284	78.00	1098	116.00	1117	153.00	275
48.00	1200	79.00	6398	117.00	1963	154.00	156
49.00	8798	80.00	2272	118.00	1102	155.00	768
50.00	44032	81.00	6915	119.00	1787	156.00	96
51.00	13779	82.00	1657	124.00	93	157.00	604
52.00	602	83.00	228	126.00	67	159.00	482
55.00	561	86.00	302	127.00	68	161.00	497
56.00	3157	87.00	10987	128.00	1240	173.00	1414
57.00	6366	88.00	10877	129.00	599	174.00	273280
58.00	355	91.00	1030	130.00	1325	175.00	18864
60.00	1919	92.00	7767	131.00	478	176.00	268096
61.00	10578	93.00	11725	133.00	320	177.00	17584
62.00	10390	94.00	33064	135.00	810	178.00	550
63.00	8311	95.00	297472	136.00	80	191.00	108
64.00	814	96.00	20232	137.00	655	207.00	121
67.00	608	97.00	594	140.00	262	208.00	143
68.00	25416	103.00	144	141.00	3444		

Data File:	clja001.d	Date:	22-MAR-2013 14:19
Client ID:	BFB	Instrument:	C.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53040/5

Matrix: Air Lab File ID: clie005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 14:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.080	U	0.50	0.020
75-45-6	Freon 22	86.47	0.080	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.0662	J	0.50	0.034
106-97-8	n-Butane	58.12	0.0948	J	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.021
76-13-1	Freon TF	187.38	0.080	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	0.50	U	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.20	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.118	J M	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.080	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53040/5

Matrix: Air Lab File ID: clie005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 14:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.040	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53040/5

Matrix: Air Lab File ID: clie005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 14:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53040/5

Matrix: Air Lab File ID: clie005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 14:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.40	U	2.5	0.099
75-45-6	Freon 22	86.47	0.28	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.137	J	1.0	0.070
106-97-8	n-Butane	58.12	0.225	J	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.12
76-13-1	Freon TF	187.38	0.61	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	1.2	U	12	0.95
67-63-0	Isopropyl alcohol	60.10	0.49	U	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.409	J M	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	0.24	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53040/5

Matrix: Air Lab File ID: clie005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 14:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.15	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53040/5

Matrix: Air Lab File ID: clie005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 14:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clieto15.b/clie005.d
Lab Smp Id: mb
Inj Date : 14-MAR-2013 14:43
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	4.768	4.779	(0.399)	1810	0.06625	0.066(a)
6	Butane	43	5.040	5.046	(0.422)	4291	0.09483	0.095(a)
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.168	8.157	(0.683)	7591	0.21025	0.21(a)
	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	9.054	9.059	(0.758)	3809	0.11776	0.12(aM)
	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	11.952	11.957	(1.000)	265505	10.0000	(Q)
	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	13.777	13.782	(1.000)	1582513	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

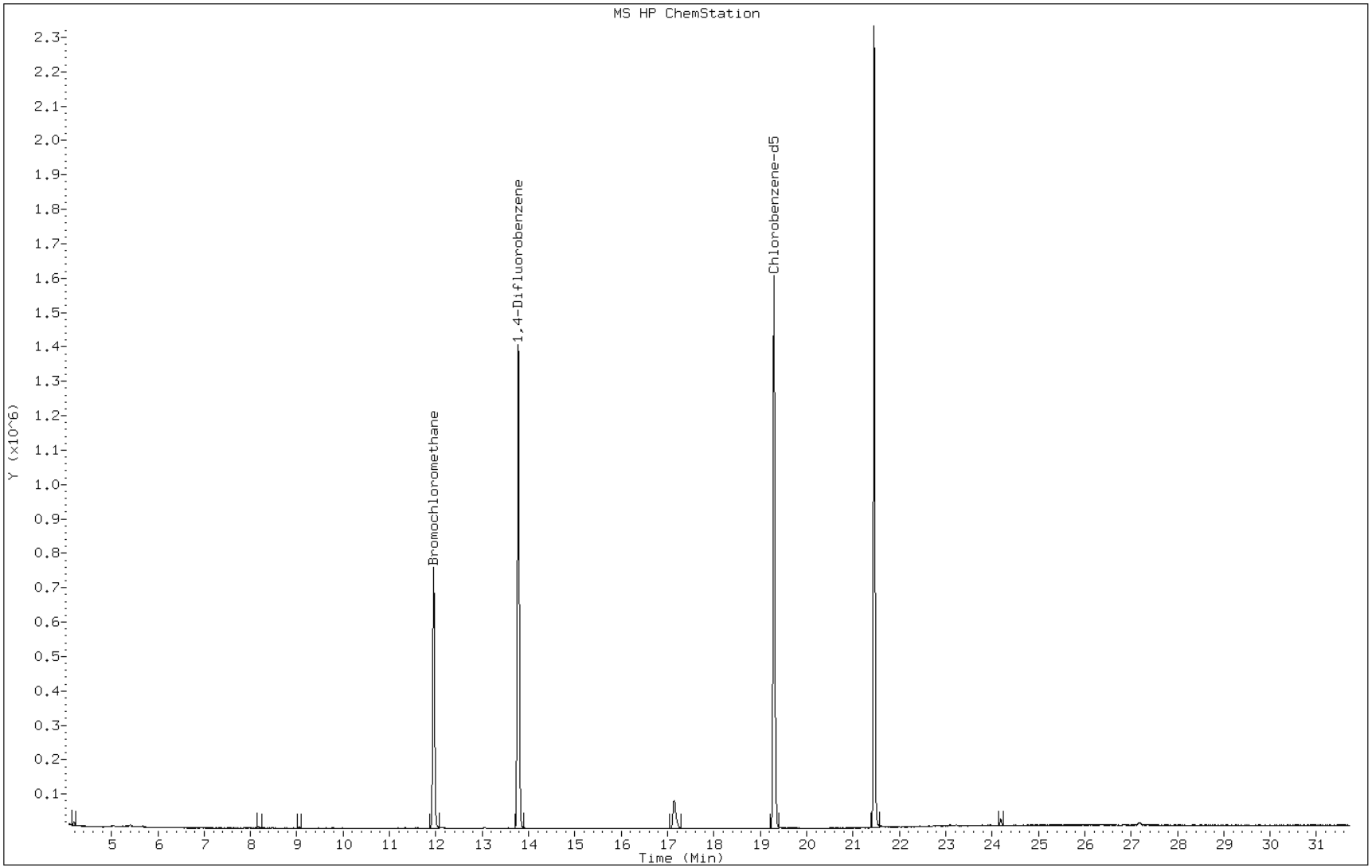
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	19.295	19.295	(1.000)	1383620	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	67 n-Nonane	57	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76 n-Propylbenzene	91	Compound Not Detected.					
	77 1,2,3-Trichloropropane	75	Compound Not Detected.					
	78 n-Decane	57	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82 Alpha Methyl Styrene	118	Compound Not Detected.					
	83 tert-butylbenzene	119	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85 sec-Butylbenzene	105	Compound Not Detected.					
	86 4-Isopropyltoluene	119	Compound Not Detected.					
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					
	88 1,4-Dichlorobenzene	146	Compound Not Detected.					
	89 Benzyl chloride	91	Compound Not Detected.					
	90 Undecane	57	Compound Not Detected.					
	91 n-Butylbenzene	91	Compound Not Detected.					
	92 1,2-Dichlorobenzene	146	Compound Not Detected.					
	93 Dodecane	57	Compound Not Detected.					
	94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96 Naphthalene	128	Compound Not Detected.					
	97 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File: clie005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 14-MAR-2013 14:43
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Data File: clie005.d

Lab Sample ID: mb

Date: 14-MAR-2013 14:43

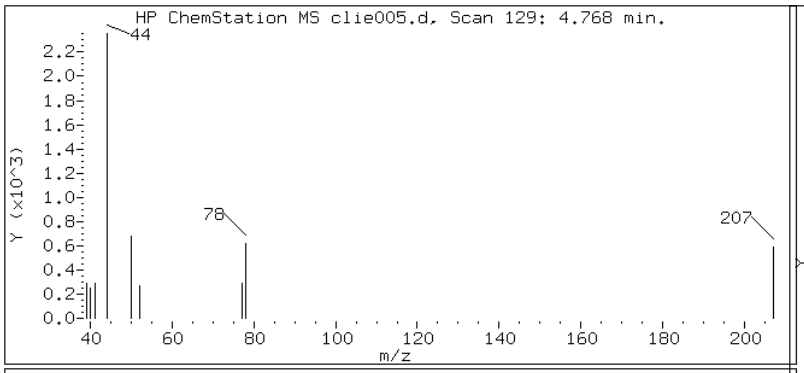
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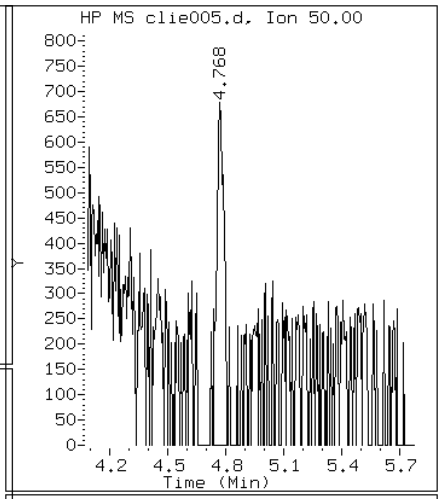
Instrument: C.i

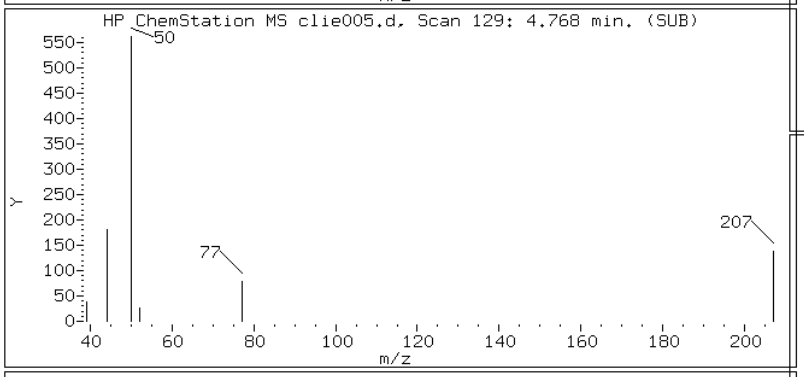
Sample Info: mb

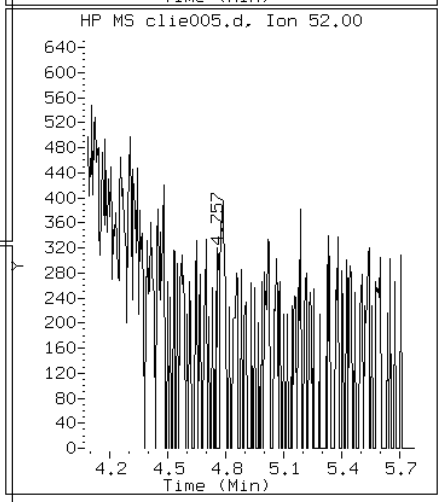
Operator: wrd

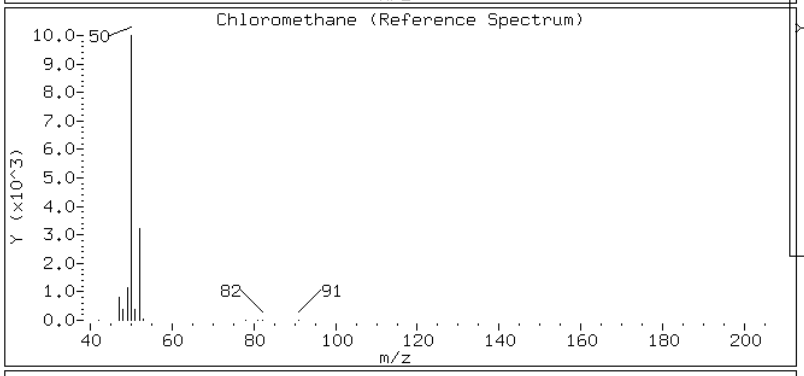
5 Chloromethane

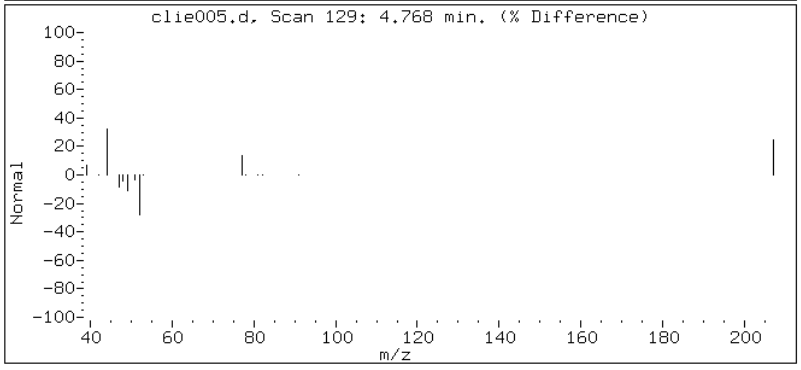












Data File: clie005.d

Lab Sample ID: mb

Date: 14-MAR-2013 14:43

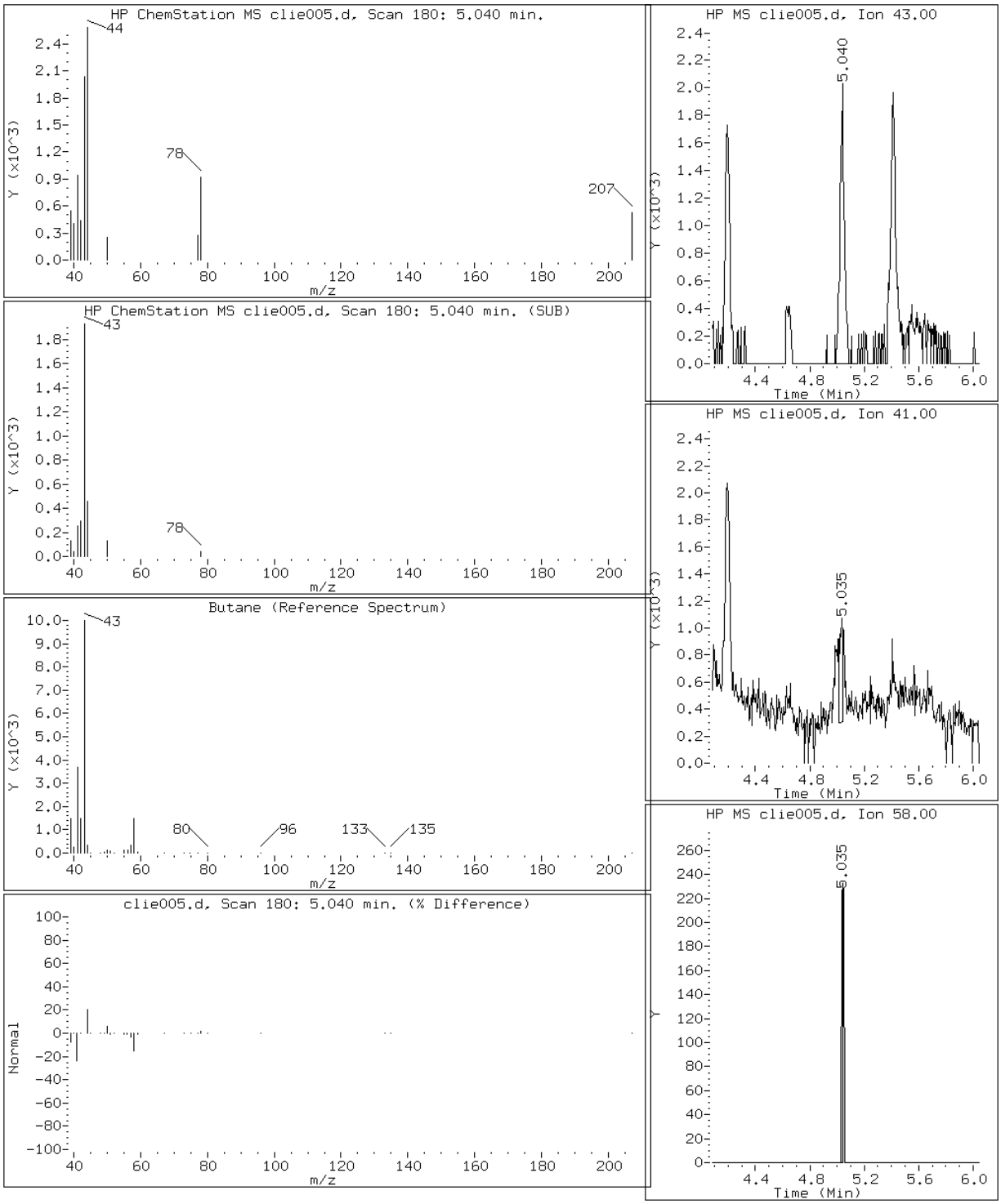
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

6 Butane



Data File: clie005.d

Lab Sample ID: mb

Date: 14-MAR-2013 14:43

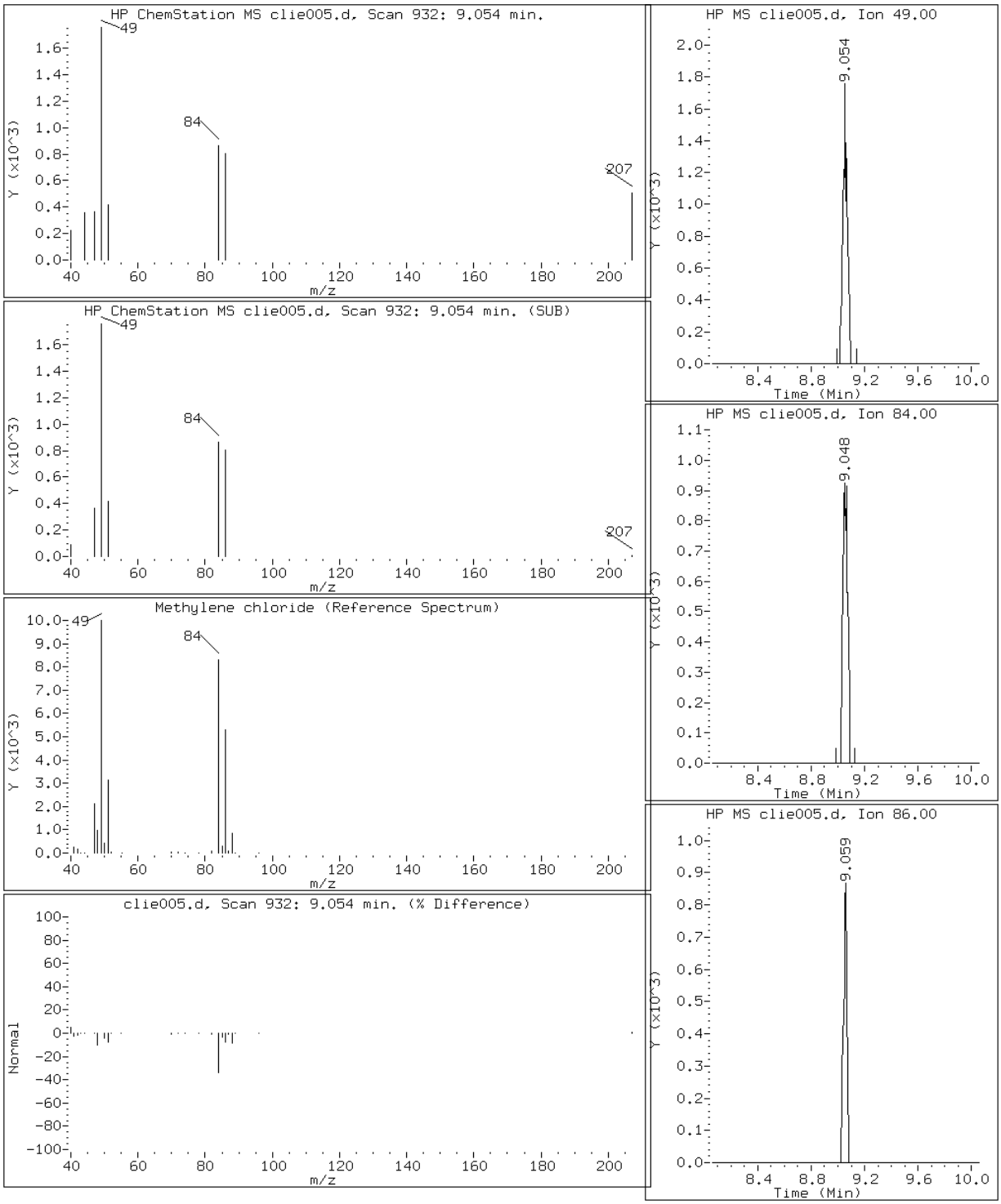
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

25 Methylene chloride



Manual Integration Report

Data File: clie005.d
Lab Sample ID: mb
Inj. Date and Time: 14-MAR-2013 14:43
Instrument ID: C.i
Client ID:
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 03/15/2013

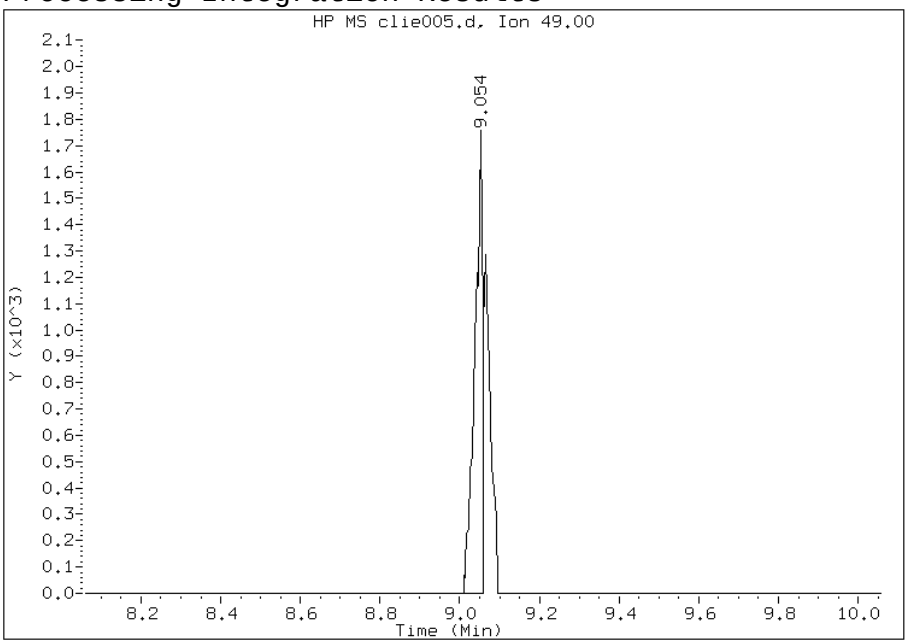
Processing Integration Results

RT: 9.05

Response: 2433

Amount: 0.075220

Conc: 0.075220



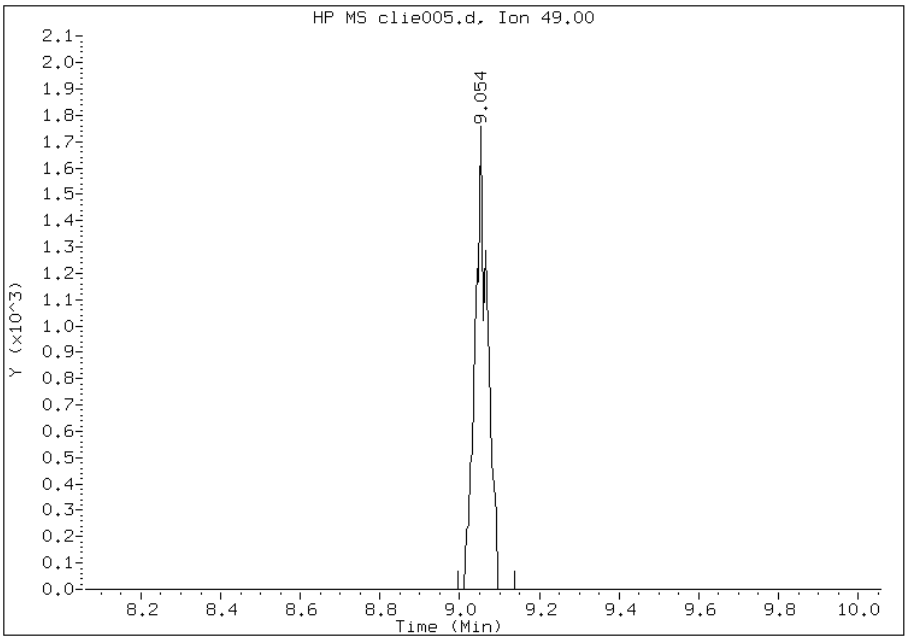
Manual Integration Results

RT: 9.05

Response: 3809

Amount: 0.117761

Conc: 0.117761



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.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53337/4

Matrix: Air Lab File ID: clja004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.080	U	0.50	0.020
75-45-6	Freon 22	86.47	0.080	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.080	U	0.50	0.034
106-97-8	n-Butane	58.12	0.080	U	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.021
76-13-1	Freon TF	187.38	0.080	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	0.50	U M	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.20	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.0950	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.080	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53337/4

Matrix: Air Lab File ID: clja004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.040	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53337/4

Matrix: Air Lab File ID: clja004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53337/4

Matrix: Air Lab File ID: clja004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.40	U	2.5	0.099
75-45-6	Freon 22	86.47	0.28	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.17	U	1.0	0.070
106-97-8	n-Butane	58.12	0.19	U	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.12
76-13-1	Freon TF	187.38	0.61	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	1.2	U M	12	0.95
67-63-0	Isopropyl alcohol	60.10	0.49	U	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.330	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	0.24	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53337/4

Matrix: Air Lab File ID: clja004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.15	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53337/4

Matrix: Air Lab File ID: clja004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljato15.b/clja004.d
Lab Smp Id: mb
Inj Date : 22-MAR-2013 16:56
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, MB
Comment :
Method : /chem/C.i/Csvr.p/cljato15.b/to15v5.m
Meth Date : 24-Mar-2013 11:57 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 09:43 Cal File: clj012.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.197	4.192	(0.351)	2515	0.10562	0.11(a)
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

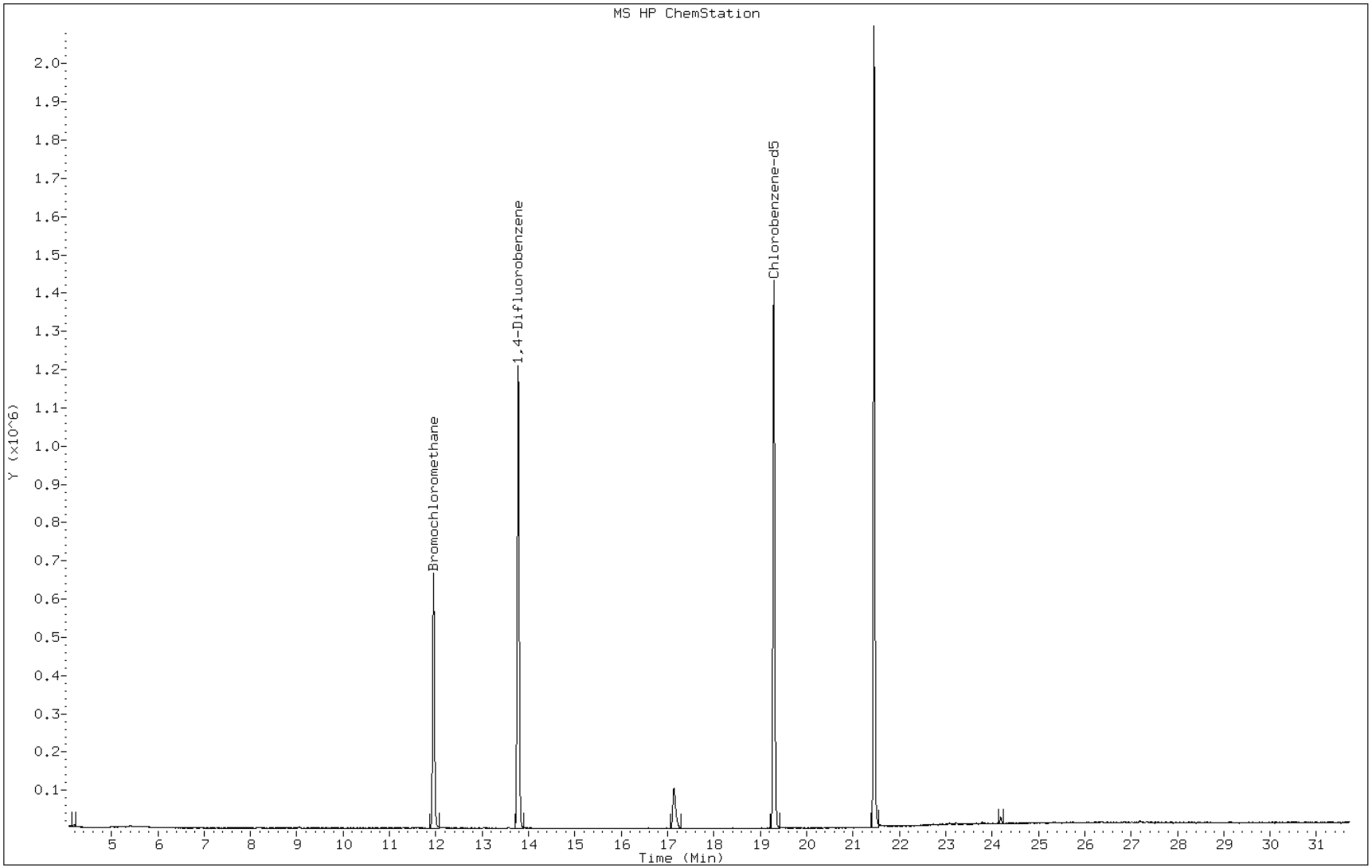
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.178	8.152	(0.684)	4445	0.18222	0.18(aM)
	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	9.059	9.048	(0.758)	2570	0.09501	0.095(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	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	11.952	11.952	(1.000)	320308	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	13.777	13.777	(1.000)	1644496	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	19.290	19.295	(1.000)	1497349	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File:	clja004.d	Date:	22-MAR-2013 16:56
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



Data File: clja004.d

Lab Sample ID: mb

Date: 22-MAR-2013 16:56

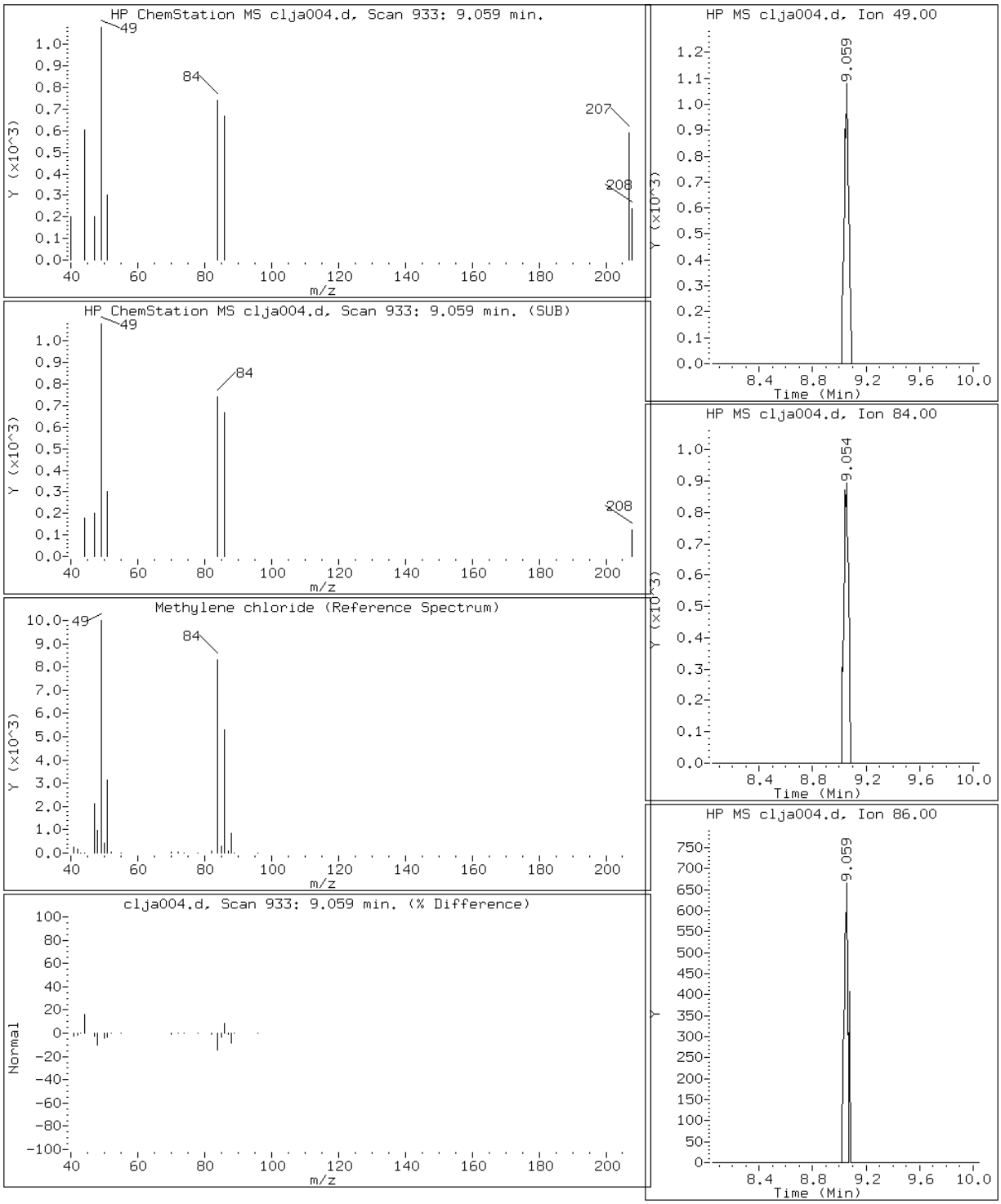
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

25 Methylene chloride



Manual Integration Report

Data File: clja004.d
Lab Sample ID: mb
Inj. Date and Time: 22-MAR-2013 16:56
Instrument ID: C.i
Client ID:
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 03/24/2013

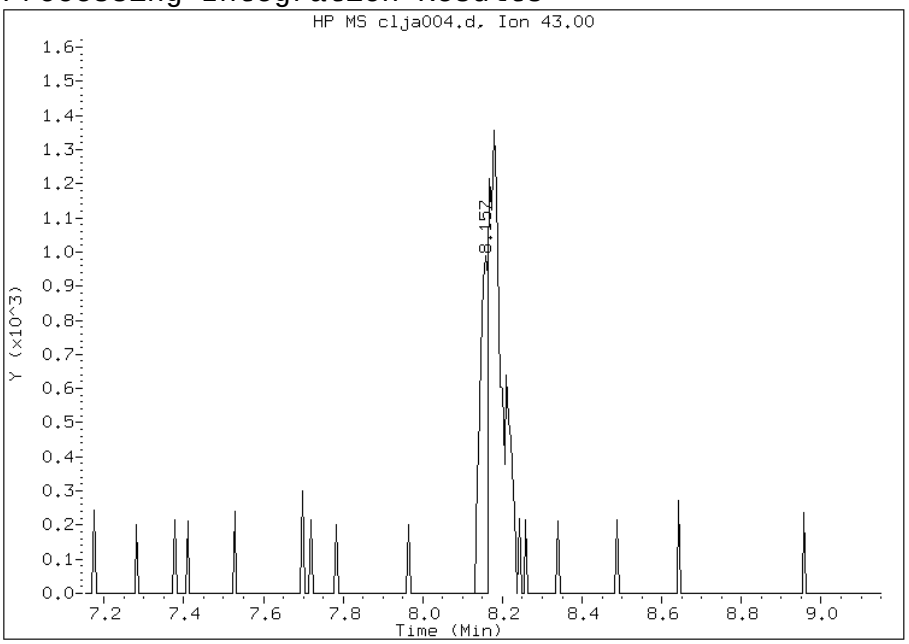
Processing Integration Results

RT: 8.16

Response: 1373

Amount: 0.056309

Conc: 0.056309



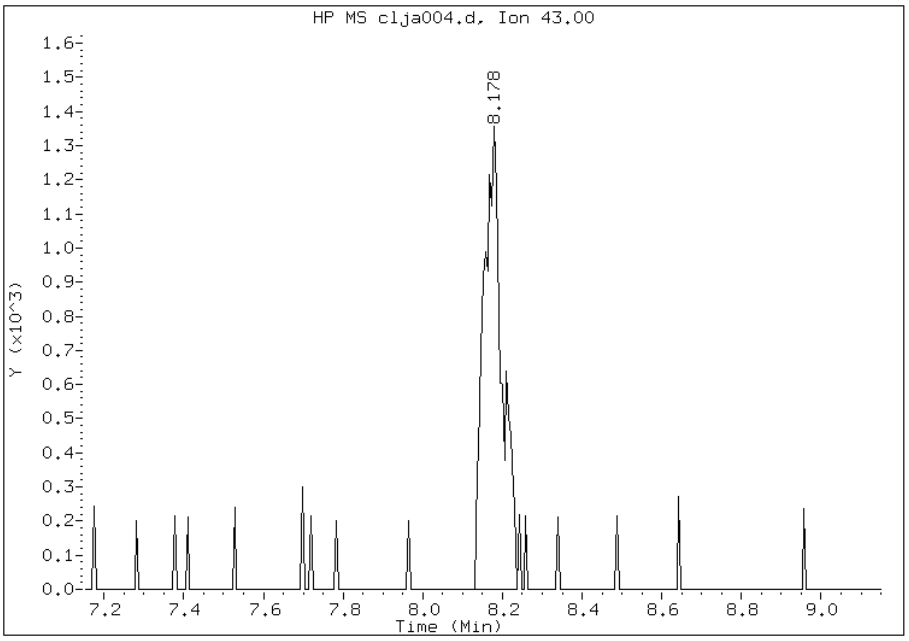
Manual Integration Results

RT: 8.18

Response: 4445

Amount: 0.182219

Conc: 0.182219



File Uploaded By: wrd
Manual Integration Reason: Poor chromatography

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53040/4

Matrix: Air Lab File ID: clie004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 13:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	12.8		0.50	0.020
75-45-6	Freon 22	86.47	13.1	Q	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.8		0.20	0.020
74-87-3	Chloromethane	50.49	12.0		0.50	0.034
106-97-8	n-Butane	58.12	11.9		0.50	0.022
75-01-4	Vinyl chloride	62.50	10.9		0.20	0.0091
106-99-0	1,3-Butadiene	54.09	11.6		0.20	0.025
74-83-9	Bromomethane	94.94	10.4		0.20	0.027
75-00-3	Chloroethane	64.52	11.2		0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.8		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	11.6		0.20	0.021
76-13-1	Freon TF	187.38	11.9		0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	11.8		0.20	0.086
67-64-1	Acetone	58.08	10.6		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	12.2		5.0	0.076
75-15-0	Carbon disulfide	76.14	11.3		0.50	0.020
107-05-1	3-Chloropropene	76.53	10.1	M	0.50	0.047
75-09-2	Methylene Chloride	84.93	12.5		0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	12.2		5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	9.77		0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	11.4		0.20	0.023
110-54-3	n-Hexane	86.17	11.3		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	11.4		0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	9.39		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	10.7		0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	22.1		0.20	0.023
67-66-3	Chloroform	119.38	11.3		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	10.6		5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	11.3		0.20	0.020
110-82-7	Cyclohexane	84.16	10.7		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	10.8		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	11.5		0.20	0.015
71-43-2	Benzene	78.11	9.89		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	11.8		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53040/4

Matrix: Air Lab File ID: clie004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 13:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	11.7		0.20	0.017
79-01-6	Trichloroethene	131.39	10.3		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	9.15		0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	10.8		0.20	0.023
123-91-1	1,4-Dioxane	88.11	9.00		5.0	0.070
75-27-4	Bromodichloromethane	163.83	11.7		0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	10.8		0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	11.3		0.50	0.034
108-88-3	Toluene	92.14	9.98		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	10.3		0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	10.1		0.20	0.016
127-18-4	Tetrachloroethene	165.83	9.75		0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.9		0.50	0.040
124-48-1	Dibromochloromethane	208.29	11.4		0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	10.3		0.20	0.014
108-90-7	Chlorobenzene	112.30	9.84		0.20	0.013
100-41-4	Ethylbenzene	106.17	9.59		0.20	0.015
179601-23-1	m,p-Xylene	106.17	17.8		0.50	0.022
95-47-6	Xylene, o-	106.17	8.98		0.20	0.016
1330-20-7	Xylene (total)	106.17	26.8		0.20	0.016
100-42-5	Styrene	104.15	9.49		0.20	0.011
75-25-2	Bromoform	252.75	10.6		0.20	0.0072
98-82-8	Cumene	120.19	9.18		0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.07		0.20	0.011
103-65-1	n-Propylbenzene	120.19	9.56		0.20	0.013
622-96-8	4-Ethyltoluene	120.20	9.55		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	8.76		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	10.4		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	8.73		0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	8.75		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	8.97		0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	8.74		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	8.53		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	8.55		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53040/4

Matrix: Air Lab File ID: clie004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/14/2013 13:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53040 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	9.49		0.20	0.022
104-51-8	n-Butylbenzene	134.22	9.74		0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	8.22		0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	8.95		0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	8.64		0.20	0.029
91-20-3	Naphthalene	128.17	10.4		0.50	0.038

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clieto15.b/clie004.d
Lab Smp Id: lcs 463802
Inj Date : 14-MAR-2013 13:46
Operator : wrd Inst ID: C.i
Smp Info : lcs 463802
Misc Info : 200,1, lcs
Comment :
Method : /chem/C.i/Csvr.p/clieto15.b/to15v5.m
Meth Date : 15-Mar-2013 13:14 wrd Quant Type: ISTD
Cal Date : 09-MAR-2013 21:37 Cal File: cli010.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	4.186	4.197	(0.350)	317305	12.4645	12
2 Dichlorodifluoromethane	85	4.277	4.288	(0.358)	1194144	12.8469	13
3 Chlorodifluoromethane	51	4.331	4.341	(0.362)	659251	13.1466	13(R)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.613	4.624	(0.386)	1099341	11.7565	12
5 Chloromethane	50	4.768	4.779	(0.399)	337125	12.0412	12
6 Butane	43	5.035	5.046	(0.421)	550004	11.8612	12
7 Vinyl chloride	62	5.072	5.083	(0.424)	365257	10.8809	11
8 1,3-Butadiene	54	5.168	5.179	(0.432)	277047	11.5540	12
9 Bromomethane	94	5.937	5.948	(0.497)	289738	10.4375	10
10 Chloroethane	64	6.204	6.214	(0.519)	167683	11.2231	11
11 2-Methylbutane	43	6.321	6.332	(0.529)	416313	11.5320	12
12 Vinyl bromide	106	6.641	6.652	(0.556)	304092	10.8071	11
13 Trichlorofluoromethane	101	6.775	6.785	(0.567)	1059780	11.5818	12
14 Pentane	43	6.940	6.951	(0.581)	636166	11.5586	12

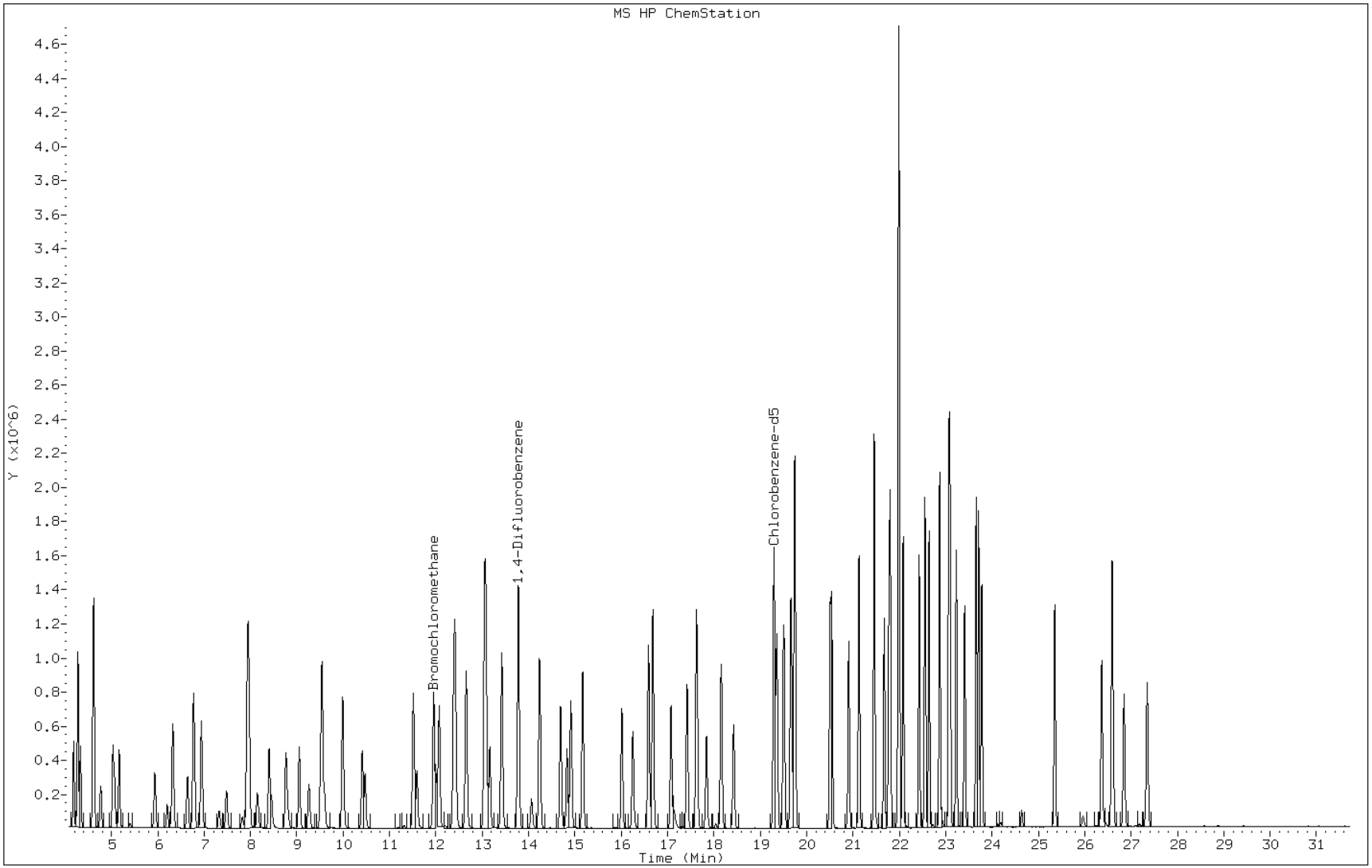
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.319	7.330	(0.612)	163151	18.3186	18
	16 Ethyl ether	59	7.485	7.490	(0.626)	194468	9.35872	9.4
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.944	(0.664)	708921	11.8690	12
	18 Acrolein	56	7.826	7.832	(0.655)	87867	8.63462	8.6
	19 1,1-Dichloroethene	96	7.965	7.976	(0.666)	335493	11.7890	12
	20 Acetone	43	8.152	8.157	(0.682)	393994	10.6489	11
	21 Carbon disulfide	76	8.403	8.408	(0.703)	994176	11.3154	11
	22 Isopropanol	45	8.456	8.461	(0.708)	330327	12.2071	12
	23 Allyl chloride	41	8.766	8.776	(0.733)	463983	10.1088	10(M)
	24 Acetonitrile	41	8.798	8.776	(0.736)	152370	11.3809	11(QM)
	25 Methylene chloride	49	9.054	9.059	(0.758)	414899	12.5175	13
	26 Tert-butyl alcohol	59	9.257	9.267	(0.774)	478916	12.2245	12
	27 Methyl tert-butyl ether	73	9.529	9.529	(0.797)	808264	9.76628	9.8
	28 1,2-Dichloroethene (trans)	61	9.545	9.550	(0.799)	534716	11.3944	11
	29 Acrylonitrile	53	9.598	9.609	(0.803)	206153	10.1682	10
	30 n-Hexane	57	9.993	9.998	(0.836)	581619	11.3297	11
	31 1,1-Dichloroethane	63	10.415	10.420	(0.871)	675118	11.3789	11
	32 Vinyl acetate	43	10.473	10.479	(0.876)	677994	10.3180	10
M	33 1,2-Dichloroethene,Total	61				885552	22.0954	22
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	350836	10.7010	11
	35 Ethyl acetate	88	11.589	11.594	(0.970)	22030	9.09535	9.1
	36 Methyl Ethyl Ketone	72	11.530	11.530	(0.965)	131882	9.39052	9.4(Q)
*	37 Bromochloromethane	128	11.952	11.957	(1.000)	272076	10.0000	(Q)
	38 Tetrahydrofuran	42	12.010	12.016	(0.871)	301963	10.6342	11
	39 Chloroform	83	12.069	12.074	(1.010)	794658	11.2531	11
	40 Cyclohexane	84	12.421	12.427	(0.901)	501233	10.6883	11
	41 1,1,1-Trichloroethane	97	12.389	12.395	(0.899)	891921	11.3265	11
	42 Carbon tetrachloride	117	12.656	12.656	(0.918)	902339	10.8034	11
	43 2,2,4-Trimethylpentane	57	13.072	13.078	(0.948)	1838110	11.5211	12
	44 Benzene	78	13.051	13.051	(0.947)	1089420	9.88520	9.9
	45 1,2-Dichloroethane	62	13.163	13.168	(0.955)	566720	11.7740	12
	46 n-Heptane	43	13.419	13.419	(0.974)	681415	11.7351	12
*	47 1,4-Difluorobenzene	114	13.782	13.782	(1.000)	1586370	10.0000	
	48 n-Butanol	56	14.065	14.070	(1.021)	146893	11.6542	12
	49 Trichloroethene	95	14.236	14.241	(1.033)	519555	10.2912	10
	50 1,2-Dichloropropane	63	14.690	14.689	(1.066)	403508	10.7779	11
	51 Methyl methacrylate	69	14.828	14.828	(1.076)	282668	9.14685	9.1
	52 Dibromomethane	174	14.919	14.919	(1.082)	330240	9.59942	9.6
	53 1,4-Dioxane	88	14.898	14.903	(1.081)	112588	8.99672	9.0
	54 Bromodichloromethane	83	15.170	15.170	(1.101)	911301	11.6846	12
	55 1,3-Dichloropropene (cis)	75	16.013	16.013	(1.162)	623796	10.7570	11
	56 Methyl isobutyl ketone	43	16.253	16.253	(1.179)	621863	11.3479	11
	57 n-Octane	43	16.680	16.680	(1.210)	916329	11.7866	12
	58 Toluene	92	16.589	16.589	(0.860)	716718	9.98495	10
	59 1,3-Dichloropropene (trans)	75	17.075	17.075	(1.239)	628618	10.3088	10
	60 1,1,2-Trichloroethane	83	17.422	17.422	(0.903)	351834	10.1090	10
	61 Tetrachloroethene	166	17.625	17.630	(0.913)	531972	9.75398	9.8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	17.833	17.838	(0.924)	590796	11.8924	12
	63 Dibromochloromethane	129	18.159	18.158	(0.941)	771136	11.3539	11
	64 1,2-Dibromoethane	107	18.425	18.425	(0.955)	645045	10.3084	10
*	65 Chlorobenzene-d5	117	19.295	19.295	(1.000)	1396949	10.0000	
	66 Chlorobenzene	112	19.354	19.354	(1.003)	920972	9.84257	9.8
	67 n-Nonane	57	19.664	19.663	(1.019)	746601	10.6219	11
	68 Ethylbenzene	91	19.503	19.509	(1.011)	1443741	9.58677	9.6
	69 Xylene (m,p)	106	19.744	19.743	(1.023)	1010796	17.8441	18
M	70 Xylenes, Total	106				1502500	26.8257	27
	71 Xylene (o)	106	20.507	20.512	(1.063)	491704	8.98166	9.0
	72 Styrene	104	20.544	20.544	(1.065)	757503	9.49157	9.5
	73 Bromoform	173	20.907	20.907	(1.084)	639204	10.5801	11
	74 Isopropylbenzene	105	21.131	21.131	(1.095)	1494358	9.18478	9.2
	75 1,1,2,2-Tetrachloroethane	83	21.676	21.675	(1.123)	778708	9.07384	9.1
	76 n-Propylbenzene	91	21.804	21.804	(1.130)	1905359	9.55842	9.6
	77 1,2,3-Trichloropropane	75	21.772	21.771	(1.128)	672222	9.79352	9.8
	78 n-Decane	57	21.996	21.996	(1.140)	782942	9.81346	9.8
	79 4-Ethyltoluene	105	21.980	21.980	(1.139)	1561023	9.55110	9.6
	80 2-Chlorotoluene	91	21.990	21.990	(1.140)	1534552	10.3653	10
	81 1,3,5-Trimethylbenzene	105	22.081	22.081	(1.144)	1229134	8.76205	8.8
	82 Alpha Methyl Styrene	118	22.428	22.428	(1.162)	571177	9.33268	9.3
	83 tert-butylbenzene	119	22.556	22.556	(1.169)	1156238	8.73055	8.7
	84 1,2,4-Trimethylbenzene	105	22.642	22.641	(1.173)	1190435	8.74984	8.7
	85 sec-Butylbenzene	105	22.871	22.871	(1.185)	1775083	8.96627	9.0
	86 4-Isopropyltoluene	119	23.068	23.068	(1.196)	1449342	8.73974	8.7
	87 1,3-Dichlorobenzene	146	23.095	23.095	(1.197)	767559	8.52505	8.5
	88 1,4-Dichlorobenzene	146	23.229	23.228	(1.204)	747146	8.54663	8.5
	89 Benzyl chloride	91	23.410	23.410	(1.213)	1207379	9.49269	9.5
	90 Undecane	57	23.709	23.709	(1.229)	842986	12.2308	12
	91 n-Butylbenzene	91	23.661	23.655	(1.226)	1431196	9.73899	9.7
	92 1,2-Dichlorobenzene	146	23.778	23.778	(1.232)	692819	8.22171	8.2
	93 Dodecane	57	25.353	25.353	(1.314)	674910	13.7703	14(R)
	94 1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	438989	8.94554	8.9
	95 1,3-Hexachlorobutadiene	225	26.596	26.596	(1.378)	456250	8.64464	8.6
	96 Naphthalene	128	26.847	26.847	(1.391)	1024233	10.4022	10
	97 1,2,3-Trichlorobenzene	180	27.349	27.349	(1.417)	412145	10.4649	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File:	clie004.d	Date:	14-MAR-2013 13:46
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 463802		
Lab Sample ID:	lcs 463802		



Manual Integration Report

Data File: clie004.d
Lab Sample ID: lcs 463802
Inj. Date and Time: 14-MAR-2013 13:46
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/15/2013

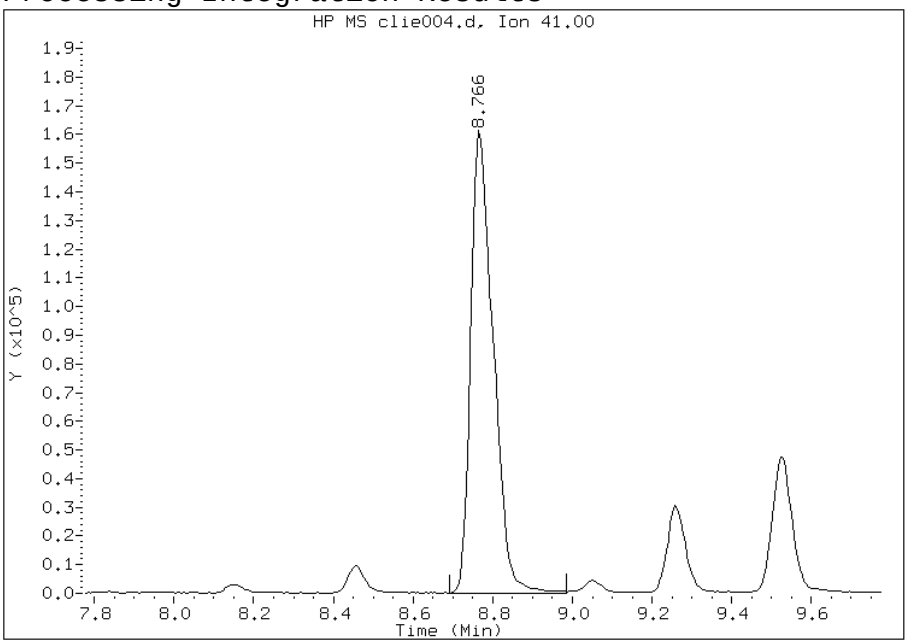
Processing Integration Results

RT: 8.77

Response: 633365

Amount: 13.80

Conc: 13.80



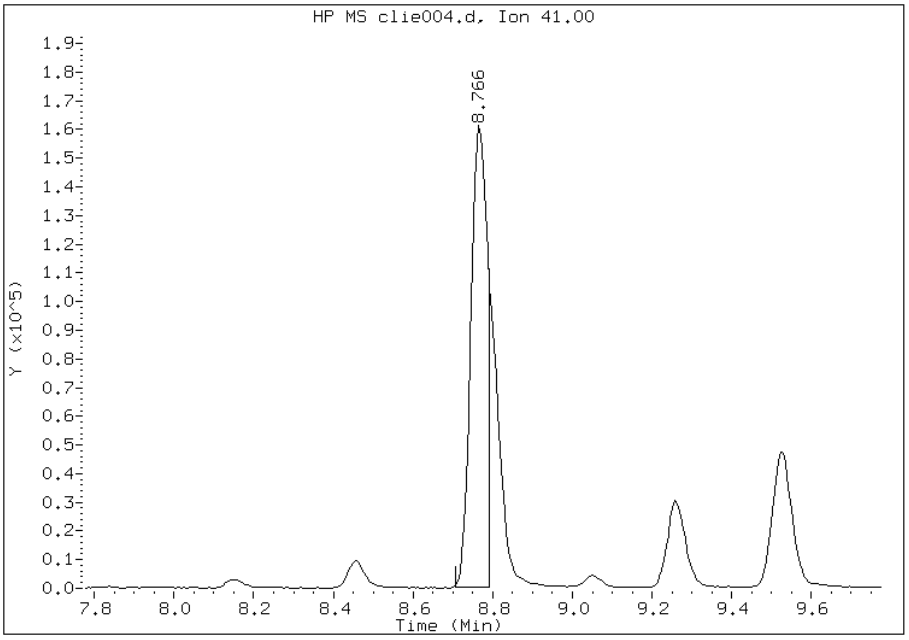
Manual Integration Results

RT: 8.77

Response: 463983

Amount: 10.11

Conc: 10.11



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.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53337/3

Matrix: Air Lab File ID: clja003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	11.0		0.50	0.020
75-45-6	Freon 22	86.47	10.9		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.7		0.20	0.020
74-87-3	Chloromethane	50.49	10.8		0.50	0.034
106-97-8	n-Butane	58.12	10.7		0.50	0.022
75-01-4	Vinyl chloride	62.50	10.7		0.20	0.0091
106-99-0	1,3-Butadiene	54.09	11.3		0.20	0.025
74-83-9	Bromomethane	94.94	10.5		0.20	0.027
75-00-3	Chloroethane	64.52	10.6		0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.2		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	10.3		0.20	0.021
76-13-1	Freon TF	187.38	11.1		0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	10.9		0.20	0.086
67-64-1	Acetone	58.08	12.2		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	11.4		5.0	0.076
75-15-0	Carbon disulfide	76.14	10.3		0.50	0.020
107-05-1	3-Chloropropene	76.53	10.8	M	0.50	0.047
75-09-2	Methylene Chloride	84.93	10.9		0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	10.2		5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	11.4		0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	10.4		0.20	0.023
110-54-3	n-Hexane	86.17	10.2		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	10.3		0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	11.5		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	10.2		0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	20.6		0.20	0.023
67-66-3	Chloroform	119.38	10.1		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	11.8		5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	10.3		0.20	0.020
110-82-7	Cyclohexane	84.16	10.3		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	10.1		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	10.3		0.20	0.015
71-43-2	Benzene	78.11	9.73		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	10.3		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53337/3

Matrix: Air Lab File ID: clja003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	10.4		0.20	0.017
79-01-6	Trichloroethene	131.39	9.32		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	11.1		0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	9.99		0.20	0.023
123-91-1	1,4-Dioxane	88.11	11.0		5.0	0.070
75-27-4	Bromodichloromethane	163.83	10.4		0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	9.75		0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	11.7		0.50	0.034
108-88-3	Toluene	92.14	9.24		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	10.1		0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	9.12		0.20	0.016
127-18-4	Tetrachloroethene	165.83	9.34		0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.1		0.50	0.040
124-48-1	Dibromochloromethane	208.29	10.2		0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	9.18		0.20	0.014
108-90-7	Chlorobenzene	112.30	9.25		0.20	0.013
100-41-4	Ethylbenzene	106.17	9.80		0.20	0.015
179601-23-1	m,p-Xylene	106.17	20.4		0.50	0.022
95-47-6	Xylene, o-	106.17	9.97		0.20	0.016
1330-20-7	Xylene (total)	106.17	30.3		0.20	0.016
100-42-5	Styrene	104.15	10.2		0.20	0.011
75-25-2	Bromoform	252.75	10.7		0.20	0.0072
98-82-8	Cumene	120.19	10.6		0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.85		0.20	0.011
103-65-1	n-Propylbenzene	120.19	10.9		0.20	0.013
622-96-8	4-Ethyltoluene	120.20	12.1		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	11.0		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	11.4		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	11.3		0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	11.4		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	11.5		0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	12.4		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	10.6		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	10.4		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53337/3

Matrix: Air Lab File ID: clja003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/22/2013 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53337 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	11.2		0.20	0.022
104-51-8	n-Butylbenzene	134.22	13.0		0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	10.4		0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	15.2	Q	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	13.0		0.20	0.029
91-20-3	Naphthalene	128.17	20.0	Q	0.50	0.038

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cljato15.b/clja003.d
Lab Smp Id: lcs 472115
Inj Date : 22-MAR-2013 16:03
Operator : wrd Inst ID: C.i
Smp Info : lcs 472115
Misc Info : 200,1, LCS
Comment :
Method : /chem/C.i/Csvr.p/cljato15.b/to15v5.m
Meth Date : 24-Mar-2013 11:57 wrd Quant Type: ISTD
Cal Date : 22-MAR-2013 09:43 Cal File: clj012.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.186	4.192	(0.350)	258975	10.4803	10
2	Dichlorodifluoromethane	85	4.277	4.283	(0.358)	913880	10.9758	11
3	Chlorodifluoromethane	51	4.330	4.336	(0.362)	478601	10.9225	11
4	1,2-Dichloro-1,1,2,2-tetraflu	85	4.613	4.619	(0.386)	963560	10.6528	11
5	Chloromethane	50	4.773	4.774	(0.399)	289011	10.8467	11
6	Butane	43	5.035	5.035	(0.421)	478646	10.7336	11
7	Vinyl chloride	62	5.072	5.072	(0.424)	336582	10.7459	11
8	1,3-Butadiene	54	5.168	5.174	(0.432)	257557	11.3134	11
9	Bromomethane	94	5.937	5.942	(0.497)	298495	10.4602	10
10	Chloroethane	64	6.204	6.209	(0.519)	150260	10.5839	11
11	2-Methylbutane	43	6.321	6.327	(0.529)	322332	9.89324	9.9
12	Vinyl bromide	106	6.641	6.641	(0.556)	299950	10.2004	10
13	Trichlorofluoromethane	101	6.775	6.775	(0.567)	804660	10.3275	10
14	Pentane	43	6.940	6.946	(0.581)	502377	10.2914	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.319	7.325	(0.612)	131954	14.8077	15
	16 Ethyl ether	59	7.479	7.485	(0.626)	174833	10.9135	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.938	7.938	(0.664)	645112	11.1240	11
	18 Acrolein	56	7.821	7.832	(0.654)	83770	9.95008	10
	19 1,1-Dichloroethene	96	7.965	7.970	(0.666)	310245	10.9283	11
	20 Acetone	43	8.146	8.152	(0.682)	309151	12.2120	12
	21 Carbon disulfide	76	8.403	8.403	(0.703)	823042	10.2957	10
	22 Isopropanol	45	8.451	8.456	(0.707)	261543	11.4195	11
	23 Allyl chloride	41	8.765	8.766	(0.733)	433692	10.7822	11(M)
	24 Acetonitrile	41	8.803	8.766	(0.737)	107821	10.3510	10(QM)
	25 Methylene chloride	49	9.048	9.048	(0.757)	305636	10.8879	11
	26 Tert-butyl alcohol	59	9.262	9.267	(0.775)	352475	10.2093	10
	27 Methyl tert-butyl ether	73	9.523	9.529	(0.797)	724374	11.3548	11
	28 1,2-Dichloroethene (trans)	61	9.545	9.545	(0.799)	417441	10.3775	10
	29 Acrylonitrile	53	9.598	9.598	(0.803)	186818	11.2146	11
	30 n-Hexane	57	9.993	9.993	(0.836)	469224	10.2400	10
	31 1,1-Dichloroethane	63	10.409	10.409	(0.871)	520826	10.2802	10
	32 Vinyl acetate	43	10.473	10.473	(0.876)	611444	11.8038	12
M	33 1,2-Dichloroethene,Total	61				745477	20.5749	21
	34 1,2-Dichloroethene (cis)	96	11.514	11.514	(0.963)	328036	10.1974	10
	35 Ethyl acetate	88	11.594	11.589	(0.970)	23099	11.4051	11
	36 Methyl Ethyl Ketone	72	11.519	11.525	(0.964)	128603	11.4739	11
*	37 Bromochloromethane	128	11.952	11.952	(1.000)	332410	10.0000	
	38 Tetrahydrofuran	42	12.005	12.010	(0.871)	277452	11.8463	12
	39 Chloroform	83	12.069	12.069	(1.010)	615151	10.0900	10
	40 Cyclohexane	84	12.416	12.421	(0.901)	456279	10.2811	10
	41 1,1,1-Trichloroethane	97	12.389	12.384	(0.899)	693363	10.2852	10
	42 Carbon tetrachloride	117	12.651	12.651	(0.918)	782730	10.0585	10
	43 2,2,4-Trimethylpentane	57	13.072	13.072	(0.949)	1479322	10.2992	10
	44 Benzene	78	13.046	13.051	(0.947)	937195	9.73485	9.7
	45 1,2-Dichloroethane	62	13.158	13.163	(0.955)	367843	10.2926	10
	46 n-Heptane	43	13.419	13.419	(0.974)	541682	10.3885	10
*	47 1,4-Difluorobenzene	114	13.777	13.777	(1.000)	1680309	10.0000	
	48 n-Butanol	56	14.065	14.065	(1.021)	118081	9.55836	9.6
	49 Trichloroethene	95	14.236	14.236	(1.033)	451037	9.31710	9.3
	50 1,2-Dichloropropane	63	14.689	14.690	(1.066)	334711	9.98603	10
	51 Methyl methacrylate	69	14.823	14.823	(1.076)	283776	11.1329	11
	52 Dibromomethane	174	14.914	14.914	(1.083)	452814	10.0486	10
	53 1,4-Dioxane	88	14.892	14.892	(1.081)	115749	11.0072	11
	54 Bromodichloromethane	83	15.164	15.165	(1.101)	707724	10.4250	10
	55 1,3-Dichloropropene (cis)	75	16.013	16.008	(1.162)	520795	9.75174	9.8
	56 Methyl isobutyl ketone	43	16.248	16.248	(1.179)	521445	11.7007	12
	57 n-Octane	43	16.680	16.680	(1.211)	754531	10.2395	10
	58 Toluene	92	16.589	16.589	(0.860)	686149	9.23544	9.2
	59 1,3-Dichloropropene (trans)	75	17.070	17.075	(1.239)	527832	10.1163	10
	60 1,1,2-Trichloroethane	83	17.417	17.417	(0.903)	319454	9.12349	9.1
	61 Tetrachloroethene	166	17.625	17.625	(0.913)	700162	9.34240	9.3

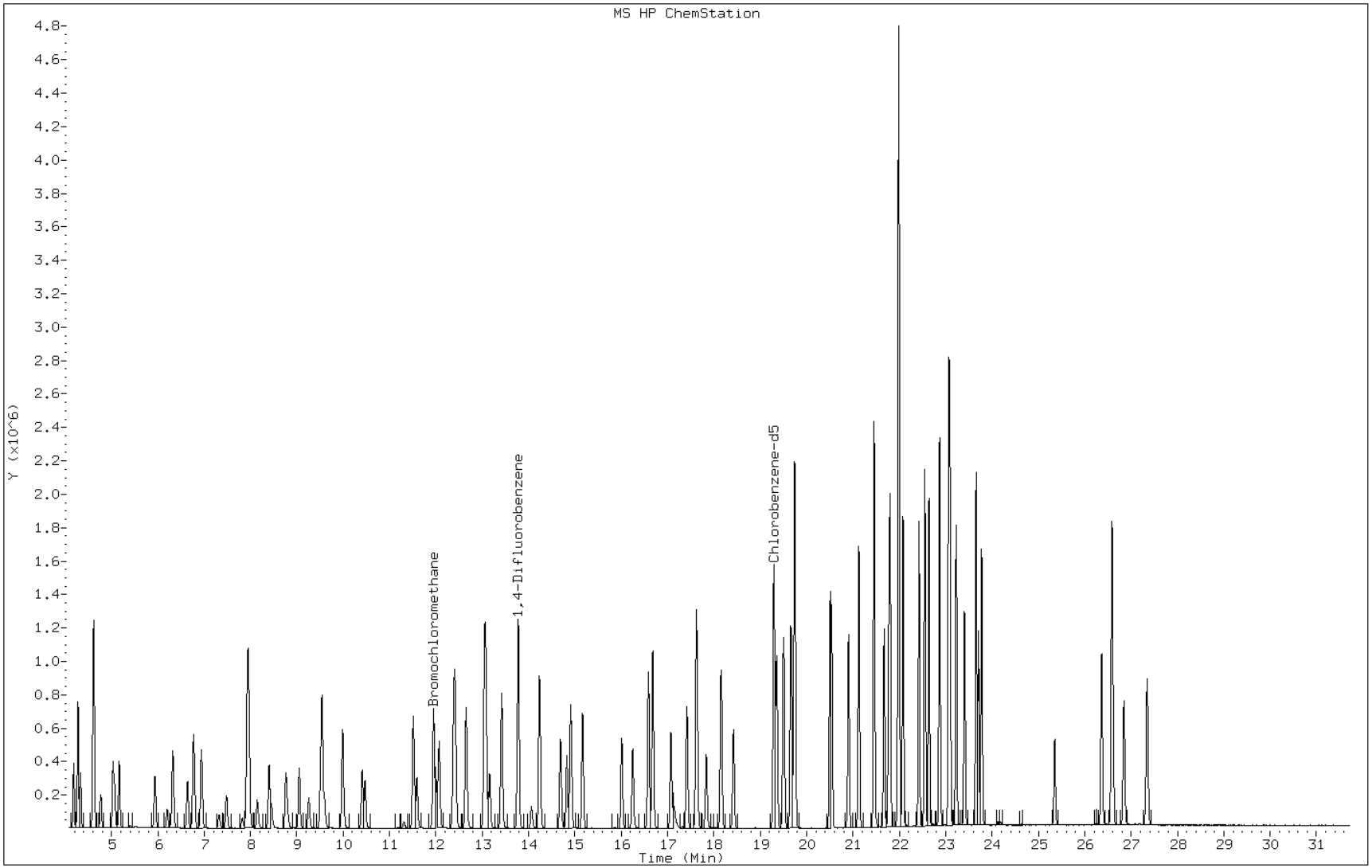
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	17.833	17.833	(0.924)	474012	10.1426	10
63	Dibromochloromethane	129	18.153	18.153	(0.941)	875711	10.2089	10
64	1,2-Dibromoethane	107	18.420	18.425	(0.955)	658145	9.18443	9.2
* 65	Chlorobenzene-d5	117	19.295	19.295	(1.000)	1628834	10.0000	
66	Chlorobenzene	112	19.354	19.354	(1.003)	1020439	9.24510	9.2
67	n-Nonane	57	19.658	19.658	(1.019)	688101	10.1584	10
68	Ethylbenzene	91	19.503	19.503	(1.011)	1425660	9.80124	9.8
69	Xylene (m,p)	106	19.738	19.744	(1.023)	1203991	20.3726	20
M 70	Xylenes, Total	106				1786002	30.3467	30
71	Xylene (o)	106	20.507	20.507	(1.063)	582011	9.97406	10
72	Styrene	104	20.539	20.539	(1.064)	892119	10.1643	10
73	Bromoform	173	20.902	20.902	(1.083)	853376	10.6934	11
74	Isopropylbenzene	105	21.126	21.126	(1.095)	1701704	10.5545	11
75	1,1,2,2-Tetrachloroethane	83	21.675	21.670	(1.123)	789104	9.84958	9.8
76	n-Propylbenzene	91	21.798	21.798	(1.130)	1989457	10.9019	11
77	1,2,3-Trichloropropane	75	21.771	21.772	(1.128)	642653	10.3104	10
78	n-Decane	57	21.996	21.996	(1.140)	844118	13.9003	14(R)
79	4-Ethyltoluene	105	21.980	21.980	(1.139)	1824410	12.1012	12
80	2-Chlorotoluene	91	21.985	21.985	(1.139)	1526032	11.4168	11
81	1,3,5-Trimethylbenzene	105	22.076	22.076	(1.144)	1430268	11.0334	11
82	Alpha Methyl Styrene	118	22.423	22.423	(1.162)	788125	11.6206	12
83	tert-butylbenzene	119	22.551	22.551	(1.169)	1502670	11.2749	11
84	1,2,4-Trimethylbenzene	105	22.641	22.642	(1.173)	1425559	11.4455	11
85	sec-Butylbenzene	105	22.871	22.871	(1.185)	2159209	11.5183	12
86	4-Isopropyltoluene	119	23.068	23.068	(1.196)	1923411	12.4195	12
87	1,3-Dichlorobenzene	146	23.090	23.095	(1.197)	1079745	10.5581	11
88	1,4-Dichlorobenzene	146	23.228	23.229	(1.204)	1063652	10.4104	10
89	Benzyl chloride	91	23.405	23.405	(1.213)	1251416	11.2314	11
90	Undecane	57	23.709	23.709	(1.229)	532672	14.9718	15(R)
91	n-Butylbenzene	91	23.655	23.656	(1.226)	1561779	13.0295	13(R)
92	1,2-Dichlorobenzene	146	23.773	23.773	(1.232)	1010612	10.4117	10
93	Dodecane	57	25.353	25.347	(1.314)	274371	28.7482	29(R)
94	1,2,4-Trichlorobenzene	180	26.367	26.367	(1.366)	621248	15.2232	15(R)
95	1,3-Hexachlorobutadiene	225	26.591	26.591	(1.378)	647520	12.9783	13
96	Naphthalene	128	26.847	26.847	(1.391)	1137104	20.0367	20(R)
97	1,2,3-Trichlorobenzene	180	27.343	27.343	(1.417)	573319	17.0955	17(R)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: clja003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 472115
Lab Sample ID: lcs 472115

Date: 22-MAR-2013 16:03
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: clja003.d
Lab Sample ID: lcs 472115
Inj. Date and Time: 22-MAR-2013 16:03
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 03/24/2013

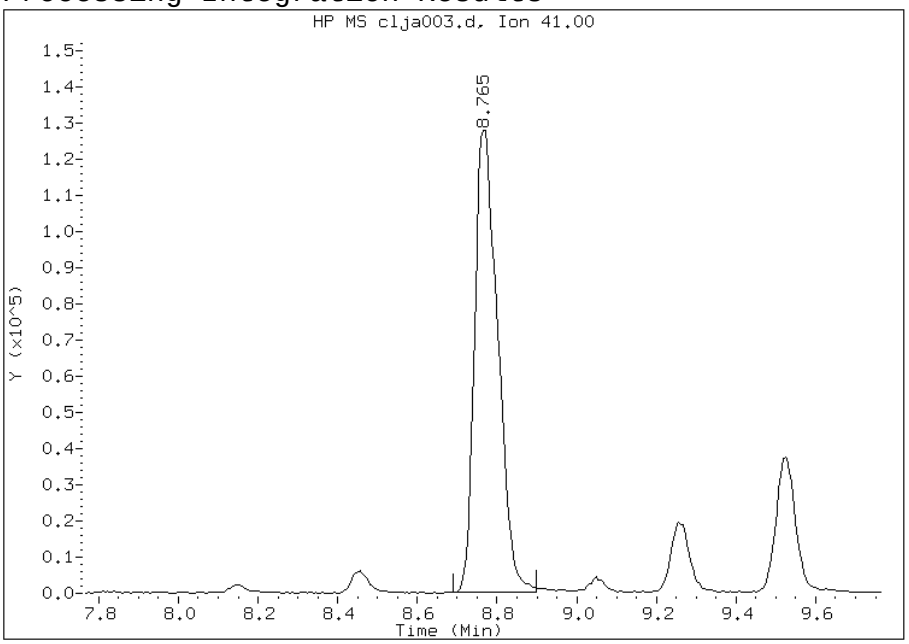
Processing Integration Results

RT: 8.77

Response: 518483

Amount: 12.89

Conc: 12.89



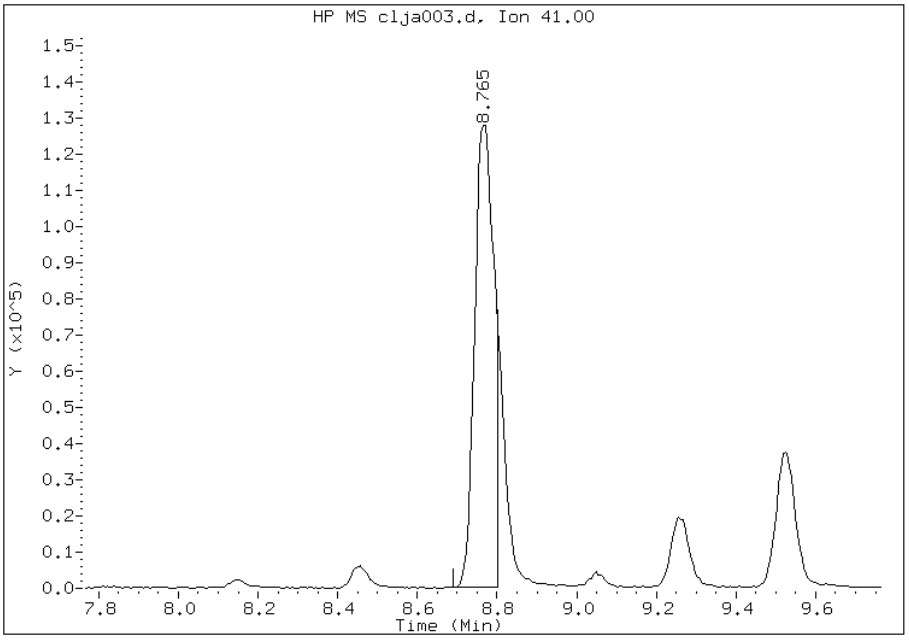
Manual Integration Results

RT: 8.77

Response: 433692

Amount: 10.78

Conc: 10.78



File Uploaded By: wrd
Manual Integration Reason: Baseline event

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Start Date: 03/09/2013 13:46

Analysis Batch Number: 52836 End Date: 03/10/2013 01:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52836/1		03/09/2013 13:46	1	cli001.d	RTX-624 0.32(mm)
VIBLK 200-52836/2		03/09/2013 14:34	1		RTX-624 0.32(mm)
IC 200-52836/3		03/09/2013 15:27	1	cli003.d	RTX-624 0.32(mm)
IC 200-52836/4		03/09/2013 16:20	1	cli004.d	RTX-624 0.32(mm)
IC 200-52836/5		03/09/2013 17:13	1	cli005.d	RTX-624 0.32(mm)
IC 200-52836/6		03/09/2013 18:06	1	cli006.d	RTX-624 0.32(mm)
ICIS 200-52836/7		03/09/2013 18:58	1	cli007.d	RTX-624 0.32(mm)
IC 200-52836/8		03/09/2013 19:51	1	cli008.d	RTX-624 0.32(mm)
IC 200-52836/9		03/09/2013 20:44	1	cli009.d	RTX-624 0.32(mm)
IC 200-52836/10		03/09/2013 21:37	1	cli010.d	RTX-624 0.32(mm)
VIBLK 200-52836/11		03/09/2013 22:29	1		RTX-624 0.32(mm)
VIBLK 200-52836/12		03/09/2013 23:22	1		RTX-624 0.32(mm)
ICV 200-52836/13		03/10/2013 00:15	1	cli013.d	RTX-624 0.32(mm)
VIBLK 200-52836/14		03/10/2013 01:08	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Start Date: 03/14/2013 11:01

Analysis Batch Number: 53040 End Date: 03/15/2013 10:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-53040/1		03/14/2013 11:01	1	clie001.d	RTX-624 0.32(mm)
CCVIS 200-53040/2		03/14/2013 11:54	1		RTX-624 0.32(mm)
CCVIS 200-53040/3		03/14/2013 12:47	1	clie003.d	RTX-624 0.32(mm)
LCS 200-53040/4		03/14/2013 13:46	1	clie004.d	RTX-624 0.32(mm)
MB 200-53040/5		03/14/2013 14:43	1	clie005.d	RTX-624 0.32(mm)
ZZZZZ		03/14/2013 15:34	116		RTX-624 0.32(mm)
ZZZZZ		03/14/2013 16:27	1		RTX-624 0.32(mm)
ZZZZZ		03/14/2013 17:20	1		RTX-624 0.32(mm)
ZZZZZ		03/14/2013 18:13	1		RTX-624 0.32(mm)
ZZZZZ		03/14/2013 19:05	1		RTX-624 0.32(mm)
ZZZZZ		03/14/2013 19:58	21		RTX-624 0.32(mm)
ZZZZZ		03/14/2013 20:51	1		RTX-624 0.32(mm)
280-39218-2	774VMP0201HA	03/14/2013 21:43	1	clie013.d	RTX-624 0.32(mm)
ZZZZZ		03/14/2013 22:36	1		RTX-624 0.32(mm)
ZZZZZ		03/14/2013 23:28	1		RTX-624 0.32(mm)
280-39218-4	776VMP0201HC	03/15/2013 00:21	1	clie016.d	RTX-624 0.32(mm)
280-39218-5	776VMP0101HA	03/15/2013 01:14	1	clie017.d	RTX-624 0.32(mm)
280-39218-6	776VMP0201HA	03/15/2013 02:06	1	clie018.d	RTX-624 0.32(mm)
280-39218-7	776VMP0301HA	03/15/2013 02:59	1	clie019.d	RTX-624 0.32(mm)
ZZZZZ		03/15/2013 03:51	1		RTX-624 0.32(mm)
ZZZZZ		03/15/2013 04:44	11.9		RTX-624 0.32(mm)
ZZZZZ		03/15/2013 05:37	21		RTX-624 0.32(mm)
ZZZZZ		03/15/2013 06:29	1160		RTX-624 0.32(mm)
ZZZZZ		03/15/2013 07:22	1		RTX-624 0.32(mm)
ZZZZZ		03/15/2013 08:15	1		RTX-624 0.32(mm)
280-39218-1	774VMP0101HA	03/15/2013 09:08	2	clie025.d	RTX-624 0.32(mm)
280-39218-3	774VMP0301HA	03/15/2013 10:00	5	clie026.d	RTX-624 0.32(mm)
280-39218-8	774IA1IA	03/15/2013 10:53	1	clie028.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Start Date: 03/22/2013 00:06

Analysis Batch Number: 53304 End Date: 03/22/2013 13:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-53304/1		03/22/2013 00:06	1	clj001.d	RTX-624 0.32(mm)
VIBLK 200-53304/2		03/22/2013 00:57	1		RTX-624 0.32(mm)
IC 200-53304/3		03/22/2013 01:50	1	clj003.d	RTX-624 0.32(mm)
IC 200-53304/4		03/22/2013 02:42	1	clj004.d	RTX-624 0.32(mm)
IC 200-53304/5		03/22/2013 03:35	1	clj005.d	RTX-624 0.32(mm)
ZZZZZ		03/22/2013 04:28	1		RTX-624 0.32(mm)
ICIS 200-53304/7		03/22/2013 05:20	1	clj007.d	RTX-624 0.32(mm)
IC 200-53304/8		03/22/2013 06:13	1	clj008.d	RTX-624 0.32(mm)
IC 200-53304/9		03/22/2013 07:05	1	clj009.d	RTX-624 0.32(mm)
IC 200-53304/10		03/22/2013 07:58	1	clj010.d	RTX-624 0.32(mm)
VIBLK 200-53304/11		03/22/2013 08:50	1		RTX-624 0.32(mm)
IC 200-53304/12		03/22/2013 09:43	1	clj012.d	RTX-624 0.32(mm)
VIBLK 200-53304/13		03/22/2013 10:36	1		RTX-624 0.32(mm)
ZZZZZ		03/22/2013 11:28	1		RTX-624 0.32(mm)
ICV 200-53304/15		03/22/2013 12:25	1	clj015.d	RTX-624 0.32(mm)
VIBLK 200-53304/16		03/22/2013 13:18	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39218-1

SDG No.:

Instrument ID: C.i Start Date: 03/22/2013 14:19

Analysis Batch Number: 53337 End Date: 03/23/2013 13:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-53337/1		03/22/2013 14:19	1	clja001.d	RTX-624 0.32(mm)
CCVIS 200-53337/2		03/22/2013 15:10	1	clja002.d	RTX-624 0.32(mm)
LCS 200-53337/3		03/22/2013 16:03	1	clja003.d	RTX-624 0.32(mm)
MB 200-53337/4		03/22/2013 16:56	1	clja004.d	RTX-624 0.32(mm)
280-39218-9	774776OA1IA	03/22/2013 17:48	1	clja005.d	RTX-624 0.32(mm)
280-39218-10	776IA1HA	03/22/2013 18:41	1	clja006.d	RTX-624 0.32(mm)
ZZZZZ		03/22/2013 19:34	3.77		RTX-624 0.32(mm)
ZZZZZ		03/22/2013 19:34	3.77		RTX-624 0.32(mm)
ZZZZZ		03/22/2013 20:27	1950		RTX-624 0.32(mm)
ZZZZZ		03/22/2013 21:20	201		RTX-624 0.32(mm)
ZZZZZ		03/22/2013 22:13	1		RTX-624 0.32(mm)
ZZZZZ		03/22/2013 23:06	16.5		RTX-624 0.32(mm)
ZZZZZ		03/22/2013 23:58	19		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 00:51	1		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 01:43	1		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 02:36	10		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 03:29	267		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 04:22	267		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 05:14	74.1		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 06:07	5		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 06:59	83.3		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 07:52	2		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 08:45	2.99		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 09:37	1950		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 10:30	201		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 11:22	1		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 12:15	10		RTX-624 0.32(mm)
ZZZZZ		03/23/2013 13:07	100000		RTX-624 0.32(mm)

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		
OVEN	15	2/11/13	NEA	(6L)	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	2513	-29.1	-29.3	-29.3	0.0
2	5089				
3	4820				
4	5091				
5	4281				
6	3247				
7	4465				
8	3271				
9	4368				
10	3365				
11	3036				
12	5054	↓	↓	↓	↓

Initial Reading		Final Reading	
Gauge ID:	C4	Gauge ID:	C4
Date:	2/12/13	Date:	2/13/13
Time:	0745	Time:	1350
Tech:	↓	Tech:	↓
BP:	29.2 ("Hg)	BP:	29.4 ("Hg)
Temp	21 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
5089	2/12/13	GG20	MTP		✓				2/13/13	MTP
	2/13/13	GG20	MTP		✓				2/13/13	MTP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: PLEASE CERT FOR NJ L.L.

IT IS NOW ROUTINE

200-15047-A-2
5089
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/11/2013 12:00 AM 200-460164

Loc: 200
15047
#2
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size
OVEN	10	2/14/13	NEA	(6L) 1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4066	29.4	-29.4	-29.4	0.0
2	4010				
3	5087				
4	3549				
5	3319				
6	3282				
7	3210				
8	5077				
9	3345				
10	5062				
11	3342				
12	5145	↓	↓	↓	↓

Initial Reading		Final Reading	
Gauge ID:	64	Gauge ID:	64
Date:	2/15/13	Date:	2/15/13
Time:	0950	Time:	1430
Tech:	NEA	Tech:	↓
BP:	29.5 ("Hg)	BP:	29.5 ("Hg)
Temp	22 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
NEA 2/15 3345									2/19/13	
3342									↓	
5062	2/15/13	G-G-2R	MTP		✓				02/19/13	JRO

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
Bottom	10	1350	NEA	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4571	-29.5	-29.6	-29.6	0.0
2	4360				
3	3369				
4	2859				
5	4348				
6	5075				
7	3389				
8	3708				
9	4473				
10	4072				
11	3333				
12	3348	✓	✓	✓	✓

Initial Reading		Final Reading	
Gauge ID: 6886	BT 2/15/13	Gauge ID:	G8
Date:	2/15/13	Date:	2/18/13
Time:	2015	Time:	1600
Tech:	DE	Tech:	✓
BP:	29.6 ("Hg)	BP:	29.7 ("Hg)
Temp	22.5 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
5075	02/18/13	GGZS	MTP					✱	02/19/13	JPO

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv. ✱ OK Soft 7020 per DCD.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

200-15118-A-6
5075

Bottle: Summa Canister 6L
Sampled: 2/15/2013 12:00 AM 200-461926

Loc: 200
15118
#6
A

BR-FA1023:10.19.09:7
TestAmerica

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		
OVEN	100	2/15/13	NEA	(6L)	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4814	-29.6	-29.6	-29.60	0.0
2	4794				
3	4283				
4	4357				
5	4824				
6	5143				
7	3267				
8	2741				
9	2639				
10	2726				
11	4008				
12	4574	″	″	″	″

Initial Reading		Final Reading	
Gauge ID:	C4	Gauge ID:	C8
Date:	2/18/13	Date:	2/18/13
Time:	0900	Time:	1440
Tech:	″	Tech:	″
BP:	29.7 ("Hg)	BP:	29.7 ("Hg)
Temp	21 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:

(1) The difference must be less than or equal to + 0.5

(2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister:

PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
2639	2/18/13	CLRO	WMD		✓			✓	02/19/13	JPD

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: CCVIS Lows ok by DCD

200-15120-A-9
2639
Location Air-Storage
Bottle Summa Canister 6L
Supplied 2/15/2013 12:00 AM 200-461993

Loc: 200
15120
#9
A

BR-FAI023:10.19.09.7
TestAmerica

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzo005.d

Lab ID: LCS 200-51819/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	12.7	127	70-130	
Dichlorodifluoromethane	10.0	13.4	134	70-130	*
Freon 22	10.0	12.9	129	70-130	
1,2-Dichlorotetrafluoroethane	10.0	13.2	132	70-130	*
Chloromethane	10.0	12.4	124	70-130	
n-Butane	10.0	12.1	121	70-130	
Vinyl chloride	10.0	12.4	124	70-130	
1,3-Butadiene	10.0	12.8	128	70-130	
Bromomethane	10.0	12.5	125	70-130	
Chloroethane	10.0	12.0	120	70-130	
Bromoethene(Vinyl Bromide)	10.0	13.0	130	70-130	
Trichlorofluoromethane	10.0	12.7	127	70-130	
Ethanol	15.0	16.4	109	70-130	
Freon TF	10.0	13.7	137	70-130	*
1,1-Dichloroethene	10.0	13.6	136	70-130	*
Acetone	10.0	10.6	106	70-130	
Isopropyl alcohol	10.0	11.8	118	70-130	
Carbon disulfide	10.0	12.4	124	70-130	
3-Chloropropene	10.0	11.4	114	70-130	
Methylene Chloride	10.0	12.9	129	70-130	
tert-Butyl alcohol	10.0	11.5	115	70-130	
Methyl tert-butyl ether	10.0	11.5	115	70-130	
trans-1,2-Dichloroethene	10.0	12.3	123	70-130	
n-Hexane	10.0	12.0	120	70-130	
1,1-Dichloroethane	10.0	12.3	123	70-130	
Vinyl acetate	10.0	11.1	111	70-130	
Ethyl acetate	10.0	11.2	112	70-130	
Methyl Ethyl Ketone	10.0	10.6	106	70-130	
cis-1,2-Dichloroethene	10.0	11.7	117	70-130	
Chloroform	10.0	11.8	118	70-130	
Tetrahydrofuran	10.0	11.0	110	70-130	
1,1,1-Trichloroethane	10.0	12.3	123	70-130	
Cyclohexane	10.0	11.6	116	70-130	
Carbon tetrachloride	10.0	12.1	121	70-130	
2,2,4-Trimethylpentane	10.0	11.9	119	70-130	
Benzene	10.0	11.9	120	70-130	
1,2-Dichloroethane	10.0	12.9	129	70-130	
n-Heptane	10.0	11.9	119	70-130	
Trichloroethene	10.0	12.6	126	70-130	
Methyl methacrylate	10.0	11.7	117	70-130	
1,2-Dichloropropane	10.0	11.3	113	70-130	
1,4-Dioxane	10.0	12.4	124	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzo005.d

Lab ID: LCS 200-51819/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	12.7	127	70-130	
cis-1,3-Dichloropropene	10.0	12.2	122	70-130	
methyl isobutyl ketone	10.0	11.9	119	70-130	
Toluene	10.0	11.2	112	70-130	
trans-1,3-Dichloropropene	10.0	12.7	127	70-130	
1,1,2-Trichloroethane	10.0	10.8	108	70-130	
Tetrachloroethene	10.0	11.2	112	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.4	114	70-130	
Dibromochloromethane	10.0	12.9	129	70-130	
1,2-Dibromoethane	10.0	12.1	121	70-130	
Chlorobenzene	10.0	11.8	118	70-130	
Ethylbenzene	10.0	11.6	116	70-130	
m,p-Xylene	20.0	23.7	118	70-130	
Xylene, o-	10.0	11.4	114	70-130	
Styrene	10.0	12.5	125	70-130	
Bromoform	10.0	13.8	138	70-130	*
Cumene	10.0	11.8	118	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.9	109	70-130	
n-Propylbenzene	10.0	12.0	120	70-130	
4-Ethyltoluene	10.0	13.3	133	70-130	*
1,3,5-Trimethylbenzene	10.0	12.1	121	70-130	
2-Chlorotoluene	10.0	12.5	125	70-130	
tert-Butylbenzene	10.0	12.0	120	70-130	
1,2,4-Trimethylbenzene	10.0	12.3	123	70-130	
sec-Butylbenzene	10.0	12.5	125	70-130	
4-Isopropyltoluene	10.0	13.3	133	70-130	*
1,3-Dichlorobenzene	10.0	13.7	137	70-130	*
1,4-Dichlorobenzene	10.0	13.5	135	70-130	*
Benzyl chloride	10.0	15.0	150	70-130	*
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	13.0	130	70-130	
1,2,4-Trichlorobenzene	10.0	14.3	143	70-130	*
Hexachlorobutadiene	10.0	11.6	116	70-130	
Naphthalene	10.0	15.4	154	70-130	*

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzr003.d

Lab ID: LCS 200-51998/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.0	110	70-130	
Dichlorodifluoromethane	10.0	11.5	115	70-130	
Freon 22	10.0	11.1	111	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.2	113	70-130	
Chloromethane	10.0	10.7	107	70-130	
n-Butane	10.0	10.6	106	70-130	
Vinyl chloride	10.0	10.5	105	70-130	
1,3-Butadiene	10.0	10.7	107	70-130	
Bromomethane	10.0	10.7	107	70-130	
Chloroethane	10.0	10.7	107	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.8	108	70-130	
Trichlorofluoromethane	10.0	10.9	109	70-130	
Ethanol	15.0	14.0	93	70-130	
Freon TF	10.0	11.5	115	70-130	
1,1-Dichloroethene	10.0	11.3	113	70-130	
Acetone	10.0	13.2	132	70-130	*
Isopropyl alcohol	10.0	9.95	99	70-130	
Carbon disulfide	10.0	10.3	103	70-130	
3-Chloropropene	10.0	9.88	99	70-130	
Methylene Chloride	10.0	11.4	114	70-130	
tert-Butyl alcohol	10.0	9.55	95	70-130	
Methyl tert-butyl ether	10.0	9.36	94	70-130	
trans-1,2-Dichloroethene	10.0	10.5	105	70-130	
n-Hexane	10.0	10.2	102	70-130	
1,1-Dichloroethane	10.0	10.1	101	70-130	
Vinyl acetate	10.0	8.87	89	70-130	
Ethyl acetate	10.0	8.35	84	70-130	
Methyl Ethyl Ketone	10.0	8.41	84	70-130	
cis-1,2-Dichloroethene	10.0	9.29	93	70-130	
Chloroform	10.0	9.41	94	70-130	
Tetrahydrofuran	10.0	8.86	89	70-130	
1,1,1-Trichloroethane	10.0	10.3	103	70-130	
Cyclohexane	10.0	9.34	93	70-130	
Carbon tetrachloride	10.0	10.1	101	70-130	
2,2,4-Trimethylpentane	10.0	9.73	97	70-130	
Benzene	10.0	9.18	92	70-130	
1,2-Dichloroethane	10.0	10.1	101	70-130	
n-Heptane	10.0	9.48	95	70-130	
Trichloroethene	10.0	9.70	97	70-130	
Methyl methacrylate	10.0	9.05	91	70-130	
1,2-Dichloropropane	10.0	8.67	87	70-130	
1,4-Dioxane	10.0	9.95	99	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzr003.d

Lab ID: LCS 200-51998/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.2	102	70-130	
cis-1,3-Dichloropropene	10.0	9.25	93	70-130	
methyl isobutyl ketone	10.0	9.77	98	70-130	
Toluene	10.0	8.79	88	70-130	
trans-1,3-Dichloropropene	10.0	9.97	100	70-130	
1,1,2-Trichloroethane	10.0	8.88	89	70-130	
Tetrachloroethene	10.0	9.36	94	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5	105	70-130	
Dibromochloromethane	10.0	10.3	103	70-130	
1,2-Dibromoethane	10.0	9.68	97	70-130	
Chlorobenzene	10.0	9.18	92	70-130	
Ethylbenzene	10.0	9.37	94	70-130	
m,p-Xylene	20.0	18.7	94	70-130	
Xylene, o-	10.0	9.16	92	70-130	
Styrene	10.0	9.73	97	70-130	
Bromoform	10.0	10.9	109	70-130	
Cumene	10.0	9.53	95	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.39	94	70-130	
n-Propylbenzene	10.0	10.3	103	70-130	
4-Ethyltoluene	10.0	10.9	109	70-130	
1,3,5-Trimethylbenzene	10.0	9.89	99	70-130	
2-Chlorotoluene	10.0	10.4	104	70-130	
tert-Butylbenzene	10.0	9.92	99	70-130	
1,2,4-Trimethylbenzene	10.0	10.2	102	70-130	
sec-Butylbenzene	10.0	10.2	102	70-130	
4-Isopropyltoluene	10.0	11.0	110	70-130	
1,3-Dichlorobenzene	10.0	10.9	109	70-130	
1,4-Dichlorobenzene	10.0	10.7	107	70-130	
Benzyl chloride	10.0	12.2	122	70-130	
n-Butylbenzene	10.0	11.5	115	70-130	
1,2-Dichlorobenzene	10.0	10.4	104	70-130	
1,2,4-Trichlorobenzene	10.0	12.0	120	70-130	
Hexachlorobutadiene	10.0	10.7	107	70-130	
Naphthalene	10.0	13.3	133	70-130	*

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzs005.d

Lab ID: LCS 200-52056/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	9.76	98	70-130	
Dichlorodifluoromethane	10.0	10.3	103	70-130	
Freon 22	10.0	10.1	101	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.1	101	70-130	
Chloromethane	10.0	9.63	96	70-130	
n-Butane	10.0	9.55	96	70-130	
Vinyl chloride	10.0	9.33	93	70-130	
1,3-Butadiene	10.0	9.56	96	70-130	
Bromomethane	10.0	9.48	95	70-130	
Chloroethane	10.0	9.48	95	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.69	97	70-130	
Trichlorofluoromethane	10.0	9.67	97	70-130	
Ethanol	15.0	13.0	87	70-130	
Freon TF	10.0	10.2	102	70-130	
1,1-Dichloroethene	10.0	10.1	101	70-130	
Acetone	10.0	10.9	109	70-130	
Isopropyl alcohol	10.0	8.82	88	70-130	
Carbon disulfide	10.0	9.15	92	70-130	
3-Chloropropene	10.0	8.64	86	70-130	
Methylene Chloride	10.0	10.3	103	70-130	
tert-Butyl alcohol	10.0	8.51	85	70-130	
Methyl tert-butyl ether	10.0	8.66	87	70-130	
trans-1,2-Dichloroethene	10.0	9.12	91	70-130	
n-Hexane	10.0	9.01	90	70-130	
1,1-Dichloroethane	10.0	9.22	92	70-130	
Vinyl acetate	10.0	8.29	83	70-130	
Ethyl acetate	10.0	7.27	73	70-130	
Methyl Ethyl Ketone	10.0	7.39	74	70-130	
cis-1,2-Dichloroethene	10.0	8.53	85	70-130	
Chloroform	10.0	8.93	89	70-130	
Tetrahydrofuran	10.0	6.98	70	70-130	
1,1,1-Trichloroethane	10.0	7.94	79	70-130	
Cyclohexane	10.0	7.31	73	70-130	
Carbon tetrachloride	10.0	7.79	78	70-130	
2,2,4-Trimethylpentane	10.0	7.78	78	70-130	
Benzene	10.0	7.94	79	70-130	
1,2-Dichloroethane	10.0	9.02	90	70-130	
n-Heptane	10.0	8.12	81	70-130	
Trichloroethene	10.0	8.36	84	70-130	
Methyl methacrylate	10.0	7.08	71	70-130	
1,2-Dichloropropane	10.0	8.01	80	70-130	
1,4-Dioxane	10.0	7.76	78	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzs005.d

Lab ID: LCS 200-52056/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.14	91	70-130	
cis-1,3-Dichloropropene	10.0	8.41	84	70-130	
methyl isobutyl ketone	10.0	7.18	72	70-130	
Toluene	10.0	7.64	76	70-130	
trans-1,3-Dichloropropene	10.0	8.18	82	70-130	
1,1,2-Trichloroethane	10.0	7.24	72	70-130	
Tetrachloroethene	10.0	8.04	80	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	6.76	68	70-130	*
Dibromochloromethane	10.0	8.63	86	70-130	
1,2-Dibromoethane	10.0	8.21	82	70-130	
Chlorobenzene	10.0	7.71	77	70-130	
Ethylbenzene	10.0	7.35	74	70-130	
m,p-Xylene	20.0	14.9	75	70-130	
Xylene, o-	10.0	7.22	72	70-130	
Styrene	10.0	7.42	74	70-130	
Bromoform	10.0	8.29	83	70-130	
Cumene	10.0	7.47	75	70-130	
1,1,2,2-Tetrachloroethane	10.0	6.74	67	70-130	*
n-Propylbenzene	10.0	7.47	75	70-130	
4-Ethyltoluene	10.0	8.08	81	70-130	
1,3,5-Trimethylbenzene	10.0	7.48	75	70-130	
2-Chlorotoluene	10.0	7.90	79	70-130	
tert-Butylbenzene	10.0	7.57	76	70-130	
1,2,4-Trimethylbenzene	10.0	7.53	75	70-130	
sec-Butylbenzene	10.0	7.70	77	70-130	
4-Isopropyltoluene	10.0	8.07	81	70-130	
1,3-Dichlorobenzene	10.0	7.90	79	70-130	
1,4-Dichlorobenzene	10.0	7.41	74	70-130	
Benzyl chloride	10.0	7.77	78	70-130	
n-Butylbenzene	10.0	7.72	77	70-130	
1,2-Dichlorobenzene	10.0	7.40	74	70-130	
1,2,4-Trichlorobenzene	10.0	6.93	69	70-130	*
Hexachlorobutadiene	10.0	7.07	71	70-130	
Naphthalene	10.0	7.91	79	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clfo004.d

Lab ID: LCS 200-52061/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.1	111	70-130	
Dichlorodifluoromethane	10.0	12.3	123	70-130	
Freon 22	10.0	12.2	122	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.1	121	70-130	
Chloromethane	10.0	11.8	118	70-130	
n-Butane	10.0	11.8	118	70-130	
Vinyl chloride	10.0	11.7	117	70-130	
1,3-Butadiene	10.0	12.3	123	70-130	
Bromomethane	10.0	11.5	115	70-130	
Chloroethane	10.0	11.8	118	70-130	
Bromoethene(Vinyl Bromide)	10.0	11.1	111	70-130	
Trichlorofluoromethane	10.0	11.2	113	70-130	
Ethanol	15.0	17.0	113	70-130	
Freon TF	10.0	12.2	122	70-130	
1,1-Dichloroethene	10.0	12.2	122	70-130	
Acetone	10.0	11.0	110	70-130	
Isopropyl alcohol	10.0	11.2	112	70-130	
Carbon disulfide	10.0	11.9	119	70-130	
3-Chloropropene	10.0	11.1	111	70-130	
Methylene Chloride	10.0	12.0	120	70-130	
tert-Butyl alcohol	10.0	11.2	112	70-130	
Methyl tert-butyl ether	10.0	10.6	106	70-130	
trans-1,2-Dichloroethene	10.0	11.3	113	70-130	
n-Hexane	10.0	11.3	113	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-130	
Vinyl acetate	10.0	10.9	109	70-130	
Ethyl acetate	10.0	10.4	104	70-130	
Methyl Ethyl Ketone	10.0	10.7	108	70-130	
cis-1,2-Dichloroethene	10.0	11.0	110	70-130	
Chloroform	10.0	11.1	111	70-130	
Tetrahydrofuran	10.0	10.5	105	70-130	
1,1,1-Trichloroethane	10.0	10.7	107	70-130	
Cyclohexane	10.0	10.9	109	70-130	
Carbon tetrachloride	10.0	10.2	102	70-130	
2,2,4-Trimethylpentane	10.0	10.9	109	70-130	
Benzene	10.0	10.8	108	70-130	
1,2-Dichloroethane	10.0	10.5	106	70-130	
n-Heptane	10.0	10.5	105	70-130	
Trichloroethene	10.0	10.0	100	70-130	
Methyl methacrylate	10.0	10.0	100	70-130	
1,2-Dichloropropane	10.0	10.7	107	70-130	
1,4-Dioxane	10.0	10.2	102	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clfo004.d

Lab ID: LCS 200-52061/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.2	112	70-130	
cis-1,3-Dichloropropene	10.0	10.8	108	70-130	
methyl isobutyl ketone	10.0	10.4	104	70-130	
Toluene	10.0	10.8	108	70-130	
trans-1,3-Dichloropropene	10.0	10.6	106	70-130	
1,1,2-Trichloroethane	10.0	10.6	106	70-130	
Tetrachloroethene	10.0	8.92	89	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.7	107	70-130	
Dibromochloromethane	10.0	11.1	111	70-130	
1,2-Dibromoethane	10.0	10.6	106	70-130	
Chlorobenzene	10.0	10.2	102	70-130	
Ethylbenzene	10.0	10.6	106	70-130	
m,p-Xylene	20.0	21.1	106	70-130	
Xylene, o-	10.0	10.2	102	70-130	
Styrene	10.0	10.5	105	70-130	
Bromoform	10.0	10.0	100	70-130	
Cumene	10.0	10.5	105	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.5	105	70-130	
n-Propylbenzene	10.0	11.2	112	70-130	
4-Ethyltoluene	10.0	11.7	118	70-130	
1,3,5-Trimethylbenzene	10.0	10.5	105	70-130	
2-Chlorotoluene	10.0	12.1	121	70-130	
tert-Butylbenzene	10.0	10.6	106	70-130	
1,2,4-Trimethylbenzene	10.0	10.3	103	70-130	
sec-Butylbenzene	10.0	11.1	111	70-130	
4-Isopropyltoluene	10.0	10.6	106	70-130	
1,3-Dichlorobenzene	10.0	8.75	88	70-130	
1,4-Dichlorobenzene	10.0	8.29	83	70-130	
Benzyl chloride	10.0	9.26	93	70-130	
n-Butylbenzene	10.0	10.4	104	70-130	
1,2-Dichlorobenzene	10.0	8.33	83	70-130	
1,2,4-Trichlorobenzene	10.0	7.18	72	70-130	
Hexachlorobutadiene	10.0	7.69	77	70-130	
Naphthalene	10.0	9.22	92	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab File ID: ggzo006.d Lab Sample ID: MB 200-51819/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/12/2013 13:33

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 200-51819/5	ggzo005.d	02/12/2013 12:43
5089	200-15047-2	ggzo009.d	02/12/2013 16:20

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51819/6

Matrix: Air Lab File ID: ggzo006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2013 13:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51819 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington | Job No.: 200-15047-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-51819/6

Matrix: Air | Lab File ID: ggzo006.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/12/2013 13:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51819 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51819/6

Matrix: Air Lab File ID: ggzo006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2013 13:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51819 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzoto15.b/ggzo006.d
Lab Smp Id: mb
Inj Date : 12-FEB-2013 13:33
Operator : MTP Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggzoto15.b/to15v5.m
Meth Date : 12-Feb-2013 13:11 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

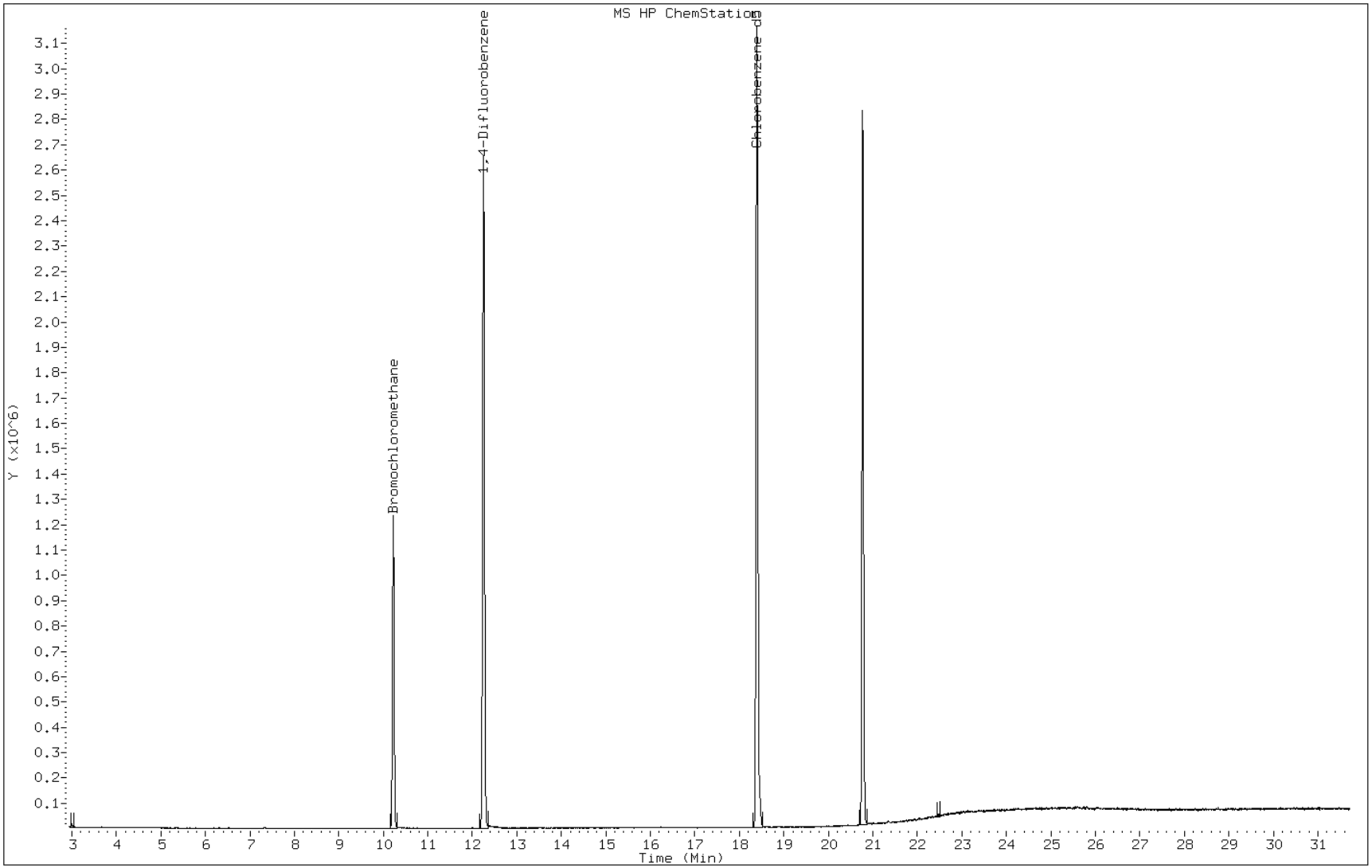
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.345	7.361	(0.718)	1668	0.06468	0.065(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.223	10.244	(1.000)	608828	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	12.250	12.272	(1.000)	4296455	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	3920299	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	ggzo006.d	Date:	12-FEB-2013 13:33
Client ID:		Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab File ID: ggzr004.d Lab Sample ID: MB 200-51998/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/15/2013 11:42

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 200-51998/3	ggzr003.d	02/15/2013 10:52
5062	200-15100-10	ggzr006.d	02/15/2013 13:34

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51998/4

Matrix: Air Lab File ID: ggzr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2013 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51998 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington | Job No.: 200-15100-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-51998/4

Matrix: Air | Lab File ID: ggzr004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/15/2013 11:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51998 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51998/4

Matrix: Air Lab File ID: ggzr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2013 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51998 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzrto15.b/ggzr004.d
Lab Smp Id: mb
Inj Date : 15-FEB-2013 11:42
Operator : MTP Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggzrto15.b/to15v5.m
Meth Date : 15-Feb-2013 11:18 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

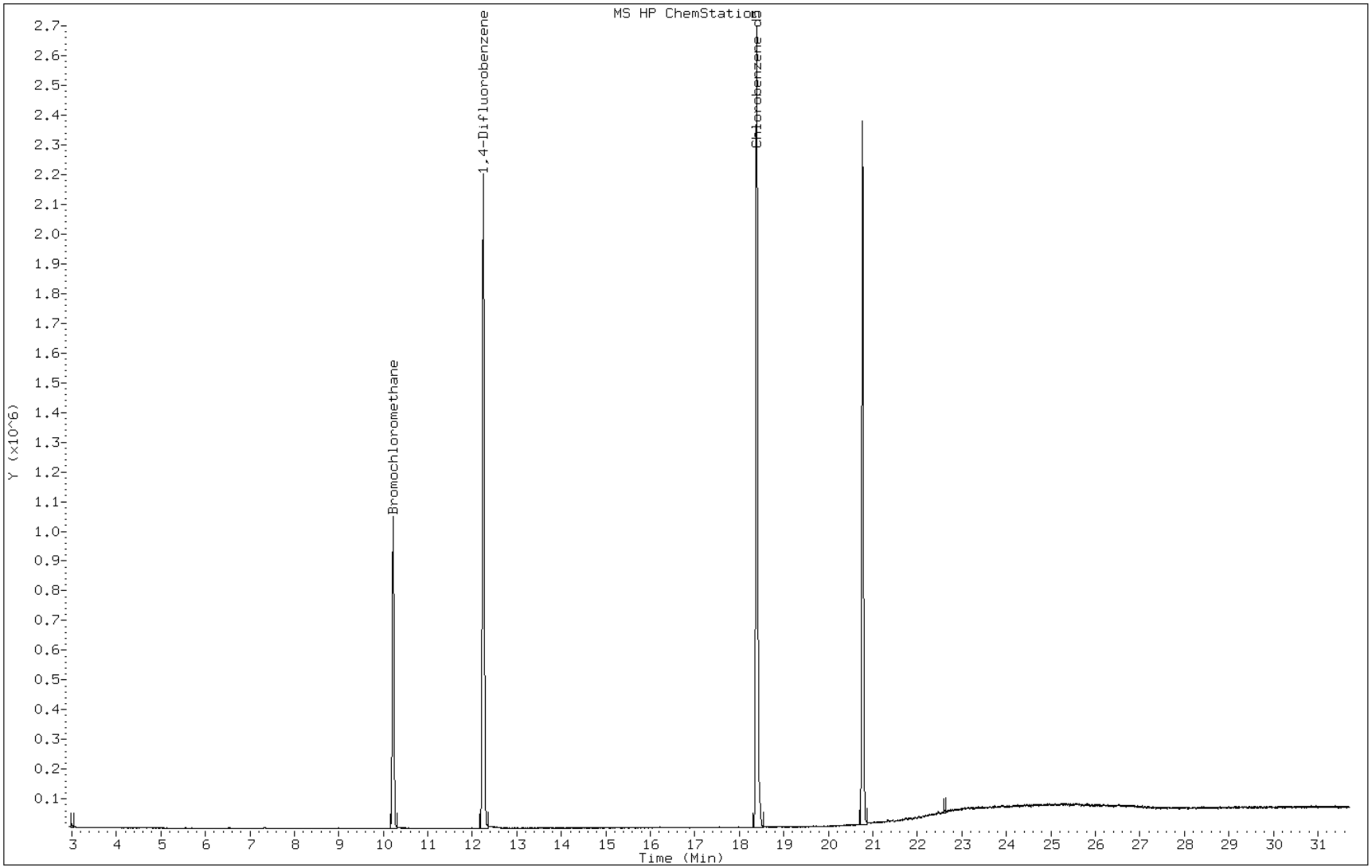
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.339	7.361	(0.718)	1509	0.07056	0.071(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.218	10.244	(1.000)	504849	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	12.245	12.272	(1.000)	3510221	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.387	18.413	(1.000)	3258331	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	ggzr004.d	Date:	15-FEB-2013 11:42
Client ID:		Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab File ID: ggzs006.d Lab Sample ID: MB 200-52056/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/18/2013 12:59

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 200-52056/5	ggzs005.d	02/18/2013 12:08
5075	200-15118-6	ggzs008.d	02/18/2013 14:52

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52056/6

Matrix: Air Lab File ID: ggzs006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52056/6

Matrix: Air Lab File ID: ggzs006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52056/6

Matrix: Air Lab File ID: ggzs006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzsto15.b/ggzs006.d
Lab Smp Id: mb
Inj Date : 18-FEB-2013 12:59
Operator : MTP Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggzsto15.b/to15v5.m
Meth Date : 18-Feb-2013 12:37 wrd Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

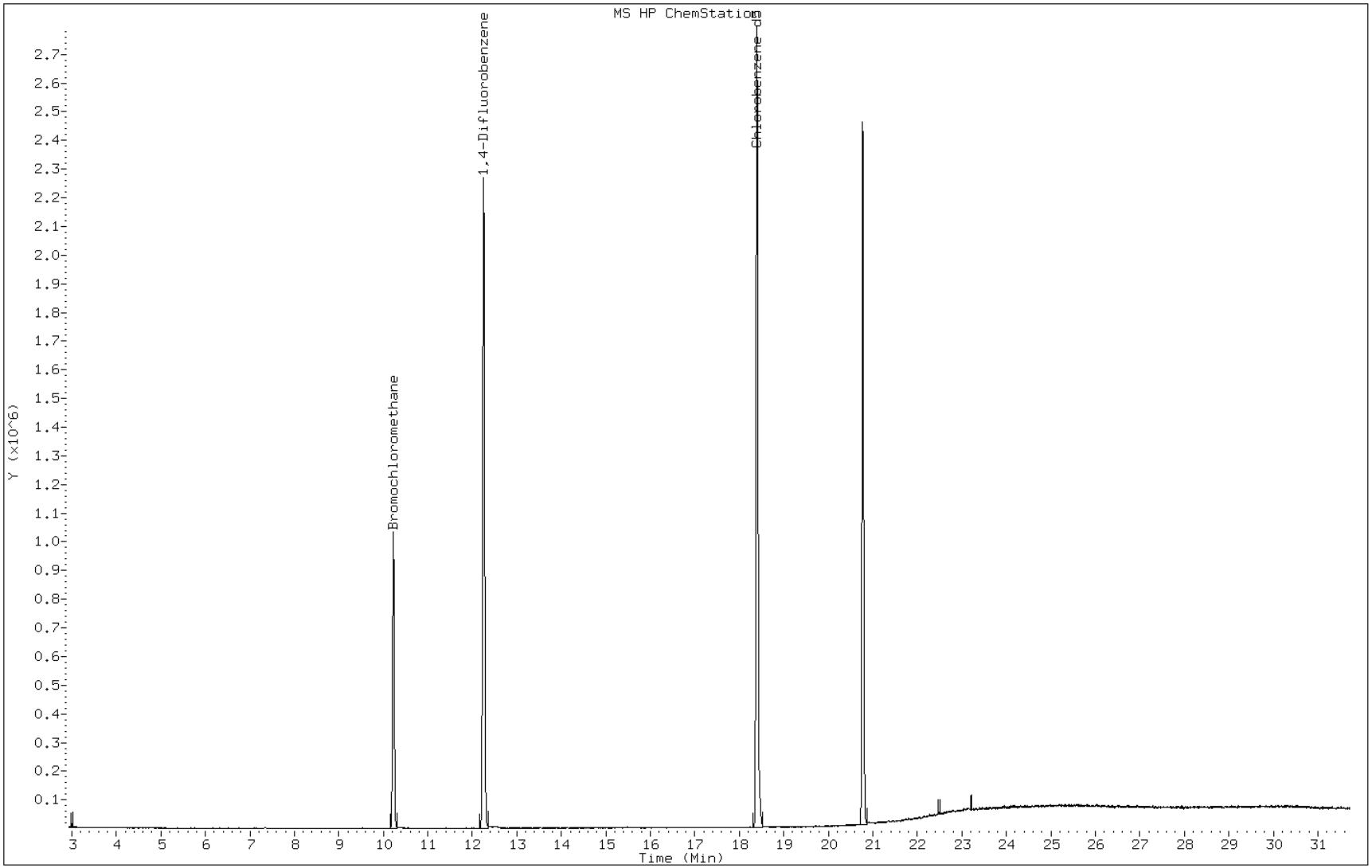
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	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	10.223	10.244	(1.000)	496162	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	12.251	12.272	(1.000)	3667372	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	3410382	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.					

Data File:	ggzs006.d	Date:	18-FEB-2013 12:59
Client ID:		Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab File ID: clfo005.d Lab Sample ID: MB 200-52061/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: C.i Date Analyzed: 02/18/2013 12:54

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 200-52061/4	clfo004.d	02/18/2013 12:01
2639	200-15120-9	clfo006.d	02/18/2013 13:47

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52061/5

Matrix: Air Lab File ID: clfo005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington | Job No.: 200-15120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-52061/5

Matrix: Air | Lab File ID: clfo005.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/18/2013 12:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52061 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52061/5

Matrix: Air Lab File ID: clfo005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clfoto15.b/clfo005.d
Lab Smp Id: mb
Inj Date : 18-FEB-2013 12:54
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/C.i/Csvr.p/clfoto15.b/to15v5.m
Meth Date : 19-Feb-2013 10:33 wrd Quant Type: ISTD
Cal Date : 03-FEB-2013 14:32 Cal File: clf003.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	4.779	4.784	(0.399)	3930	0.08573	0.086(a)
6	Butane	43	5.046	5.051	(0.421)	4273	0.05763	0.058(a)
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

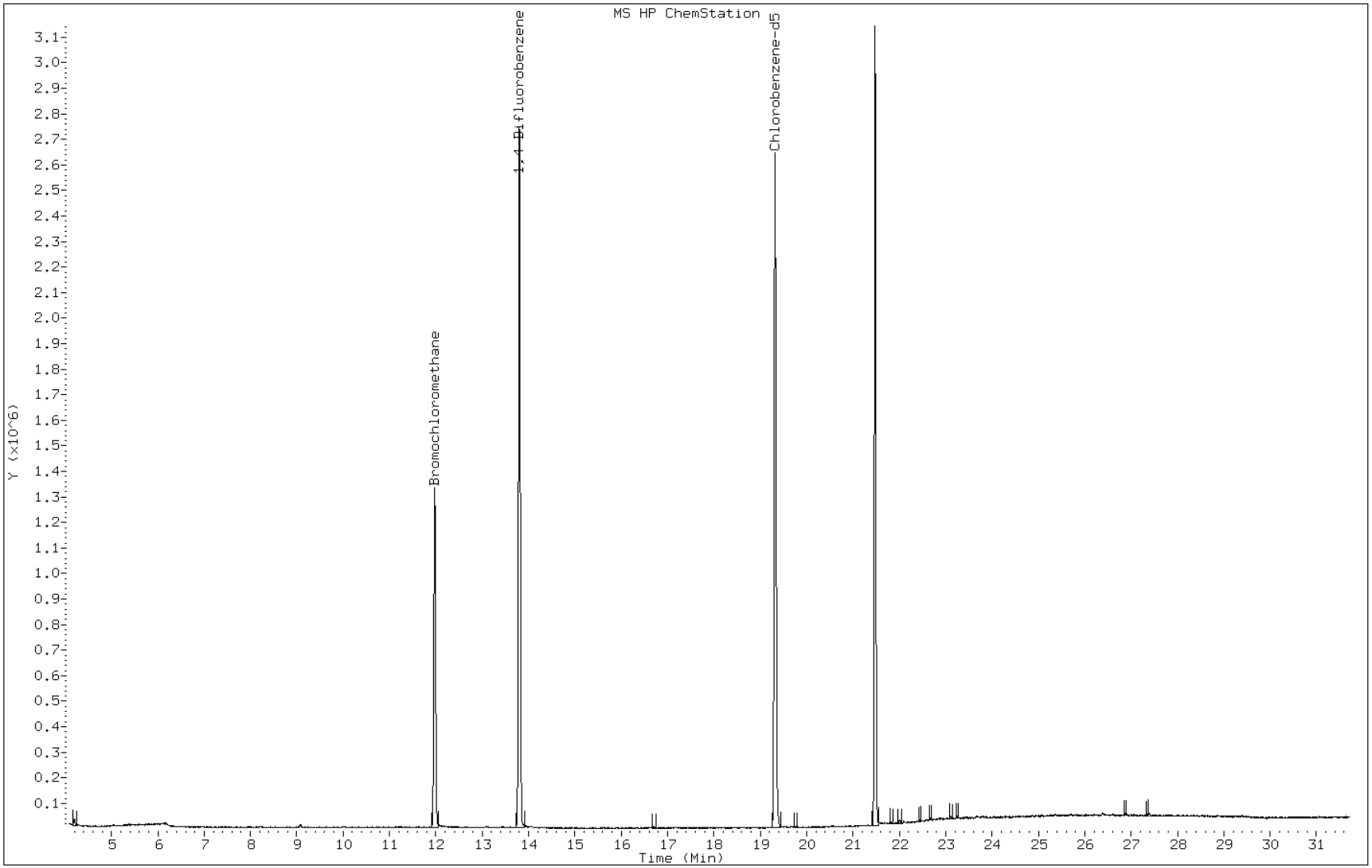
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	8.211	8.184	(0.685)	8269	0.14559	0.15(a)
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	9.070	9.086	(0.757)	7921	0.14890	0.15(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
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	11.978	11.989	(1.000)	566599	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	13.446	13.451	(0.974)	1771	0.01710	0.017(a)
* 47	1,4-Difluorobenzene	114	13.804	13.814	(1.000)	3481418	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	19.322	19.332	(1.000)	2647193	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	26.383	26.404	(1.365)	4749	0.08240	0.082(a)
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	26.868	26.884	(1.391)	12094	0.10556	0.11(a)
97	1,2,3-Trichlorobenzene	180	27.370	27.386	(1.417)	3968	0.08631	0.086(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	clfo005.d	Date:	18-FEB-2013 12:54
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab File ID: ggzo001.d BFB Injection Date: 02/12/2013

Instrument ID: G.i BFB Injection Time: 09:22

Analysis Batch No.: 51819

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	11.5	
75	30.0 - 66.0% of mass 95	38.7	
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	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	95.1	
175	4.0 - 9.0 % of mass 174	6.6	(6.9)1
176	93.0 - 101.0% of mass 174	90.7	(95.4)1
177	5.0 - 9.0% of mass 176	5.9	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-51819/4	ggzo004.d	02/12/2013	11:52
	LCS 200-51819/5	ggzo005.d	02/12/2013	12:43
	MB 200-51819/6	ggzo006.d	02/12/2013	13:33
5089	200-15047-2	ggzo009.d	02/12/2013	16:20

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab File ID: ggzr001.d BFB Injection Date: 02/15/2013

Instrument ID: G.i BFB Injection Time: 09:10

Analysis Batch No.: 51998

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	11.2	
75	30.0 - 66.0% of mass 95	39.1	
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	96.2	
175	4.0 - 9.0 % of mass 174	6.7	(7.0)1
176	93.0 - 101.0% of mass 174	92.7	(96.3)1
177	5.0 - 9.0% of mass 176	5.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-51998/2	ggzr002.d	02/15/2013	10:01
	LCS 200-51998/3	ggzr003.d	02/15/2013	10:52
	MB 200-51998/4	ggzr004.d	02/15/2013	11:42
5062	200-15100-10	ggzr006.d	02/15/2013	13:34

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab File ID: ggzs001.d BFB Injection Date: 02/18/2013

Instrument ID: G.i BFB Injection Time: 08:39

Analysis Batch No.: 52056

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	11.3	
75	30.0 - 66.0% of mass 95	38.8	
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	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	93.6	
175	4.0 - 9.0 % of mass 174	6.6	(7.0)1
176	93.0 - 101.0% of mass 174	91.3	(97.5)1
177	5.0 - 9.0% of mass 176	5.7	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52056/4	ggzs004.d	02/18/2013	11:17
	LCS 200-52056/5	ggzs005.d	02/18/2013	12:08
	MB 200-52056/6	ggzs006.d	02/18/2013	12:59
5075	200-15118-6	ggzs008.d	02/18/2013	14:52

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab File ID: clf001.d BFB Injection Date: 02/03/2013

Instrument ID: C.i BFB Injection Time: 12:45

Analysis Batch No.: 51508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.4	
75	30.0 - 66.0% of mass 95	46.6	
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	74.0	
175	4.0 - 9.0 % of mass 174	5.1	(6.9)1
176	93.0 - 101.0% of mass 174	70.7	(95.4)1
177	5.0 - 9.0% of mass 176	4.5	(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 200-51508/3	clf003.d	02/03/2013	14:32
	IC 200-51508/4	clf004.d	02/03/2013	15:25
	IC 200-51508/5	clf005.d	02/03/2013	16:17
	IC 200-51508/6	clf006.d	02/03/2013	17:09
	ICIS 200-51508/7	clf007.d	02/03/2013	18:02
	IC 200-51508/8	clf008.d	02/03/2013	18:55
	IC 200-51508/9	clf009.d	02/03/2013	19:47
	IC 200-51508/10	clf010.d	02/03/2013	20:40
	ICV 200-51508/15	clf015.d	02/04/2013	09:47

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab File ID: clfo001.d BFB Injection Date: 02/18/2013

Instrument ID: C.i BFB Injection Time: 09:11

Analysis Batch No.: 52061

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.7	
75	30.0 - 66.0% of mass 95	49.5	
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	(0.5)1
174	50.0 - 120.0% of mass 95	63.0	
175	4.0 - 9.0 % of mass 174	4.3	(6.9)1
176	93.0 - 101.0% of mass 174	60.7	(96.4)1
177	5.0 - 9.0% of mass 176	3.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52061/3	clfo003.d	02/18/2013	11:09
	LCS 200-52061/4	clfo004.d	02/18/2013	12:01
	MB 200-52061/5	clfo005.d	02/18/2013	12:54
2639	200-15120-9	clfo006.d	02/18/2013	13:47

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Sample No.: CCVIS 200-51819/4 Date Analyzed: 02/12/2013 11:52

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzo004.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		751247	10.23	4278864	12.26	4869941	18.39
UPPER LIMIT		1051746	10.56	5990410	12.59	6817917	18.72
LOWER LIMIT		450748	9.90	2567318	11.93	2921965	18.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-51819/5		712589	10.23	3935715	12.26	4481611	18.39
MB 200-51819/6		608828	10.22	4296455	12.25	3920299	18.39
200-15047-2	5089	625960	10.22	4322661	12.25	3807030	18.39

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Sample No.: CCVIS 200-51998/2 Date Analyzed: 02/15/2013 10:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzr002.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		612222	10.22	3673631	12.25	4261657	18.39
UPPER LIMIT		857111	10.55	5143083	12.58	5966320	18.72
LOWER LIMIT		367333	9.89	2204179	11.92	2556994	18.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-51998/3		619353	10.23	3403088	12.25	3669024	18.39
MB 200-51998/4		504849	10.22	3510221	12.25	3258331	18.39
200-15100-10	5062	492034	10.22	3406767	12.25	3248791	18.39

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Sample No.: CCVIS 200-52056/4 Date Analyzed: 02/18/2013 11:17

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzs004.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		648801	10.23	3945958	12.26	4310920	18.40
UPPER LIMIT		908321	10.56	5524341	12.59	6035288	18.73
LOWER LIMIT		389281	9.90	2367575	11.93	2586552	18.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52056/5		643157	10.23	4077179	12.26	4589074	18.40
MB 200-52056/6		496162	10.22	3667372	12.25	3410382	18.39
200-15118-6	5075	528959	10.22	3812030	12.25	3348788	18.40

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Sample No.: ICIS 200-51508/7 Date Analyzed: 02/03/2013 18:02

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clf007.d Heated Purge: (Y/N) N

Calibration ID: 20206

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		695958	11.99	3816466	13.81	3583831	19.33
UPPER LIMIT		974341	12.32	5343052	14.14	5017363	19.66
LOWER LIMIT		417575	11.66	2289880	13.48	2150299	19.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51508/15		842398	11.99	4593212	13.81	4342477	19.33

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Sample No.: CCVIS 200-52061/3 Date Analyzed: 02/18/2013 11:09

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clfo003.d Heated Purge: (Y/N) N

Calibration ID: 20206

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		725781	11.98	4091347	13.80	3673519	19.32
UPPER LIMIT		1016093	12.31	5727886	14.13	5142927	19.65
LOWER LIMIT		435469	11.65	2454808	13.47	2204111	18.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52061/4		761928	11.98	4299696	13.80	3779867	19.32
MB 200-52061/5		566599	11.98	3481418	13.80	2647193	19.32
200-15120-9	2639	694600	11.98	3849220	13.80	3282662	19.32

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Client Sample ID: 5089 Lab Sample ID: 200-15047-2

Matrix: Air Lab File ID: ggzo009.d

Analysis Method: TO-15 Date Collected: 02/11/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/12/2013 16:20

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51819 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U *	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington | Job No.: 200-15047-1

SDG No.:

Client Sample ID: 5089 | Lab Sample ID: 200-15047-2

Matrix: Air | Lab File ID: ggzo009.d

Analysis Method: TO-15 | Date Collected: 02/11/2013 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/12/2013 16:20

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51819 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U *	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Client Sample ID: 5089 Lab Sample ID: 200-15047-2

Matrix: Air Lab File ID: ggzo009.d

Analysis Method: TO-15 Date Collected: 02/11/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/12/2013 16:20

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51819 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U *	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U *	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15047-2
Client Smp ID: 5089
Inj Date : 12-FEB-2013 16:20
Operator : MTP Inst ID: G.i
Smp Info : 200-15047-A-2
Misc Info : 1000,0.2, all74+mn
Comment :
Method : /chem/G.i/Gsvr.p/ggzoto15.b/to15v5.m
Meth Date : 13-Feb-2013 08:50 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 8
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.006	3.006	(0.294)	7721	0.61920	0.12(aQ)
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

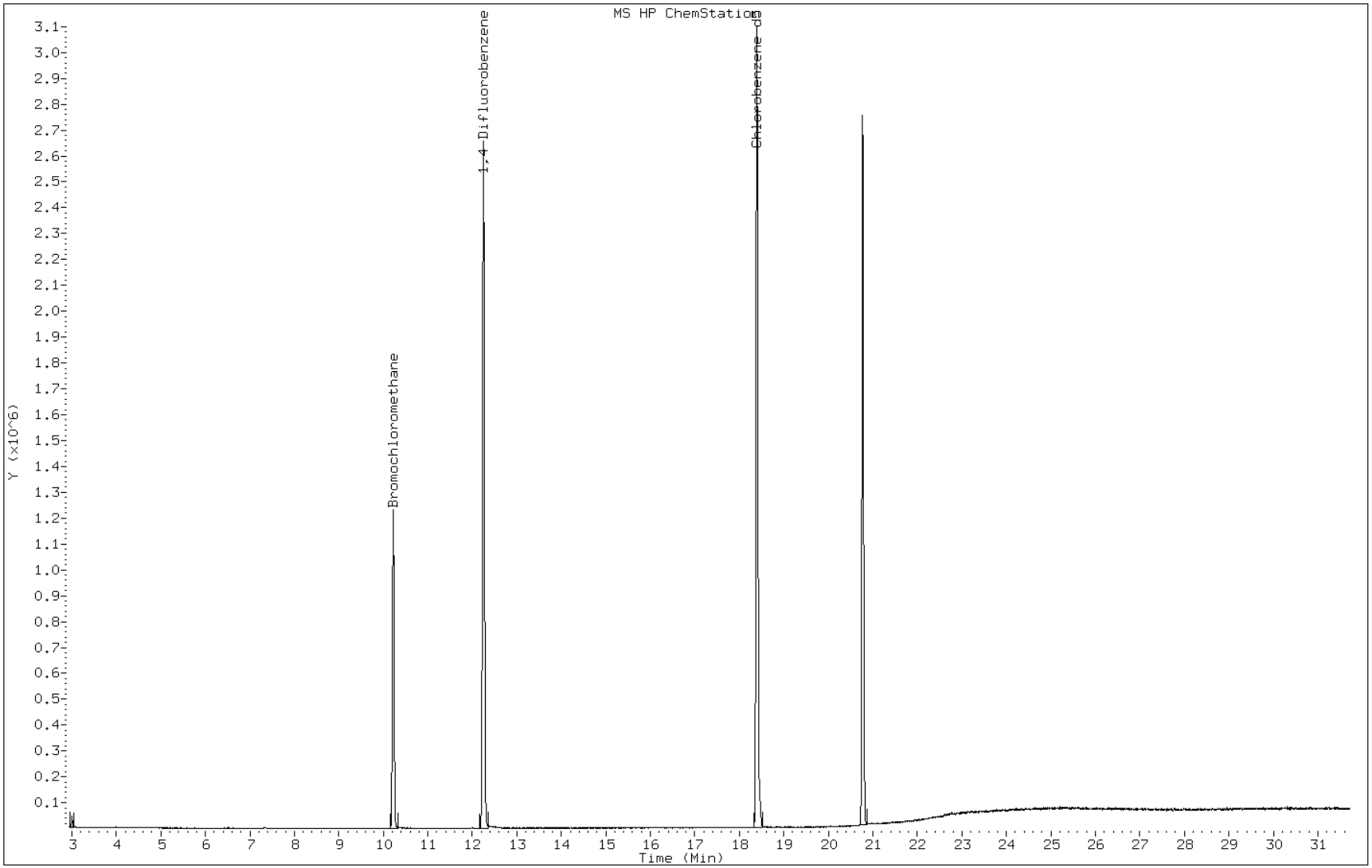
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb v/v)	(ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.340	7.361	(0.718)	1804	0.06800	0.014(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.223	10.244	(1.000)	625960	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	12.251	12.272	(1.000)	4322661	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	18.392	18.413	(1.000)	3807030	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

						CONCENTRATIONS	
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	ggzo009.d	Date:	12-FEB-2013 16:20
Client ID:	5089	Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15047-A-2		
Lab Sample ID:	200-15047-2		



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

Lab Name: TestAmerica Burlington | Job No.: 200-15100-1

SDG No.:

Client Sample ID: 5062 | Lab Sample ID: 200-15100-10

Matrix: Air | Lab File ID: ggzr006.d

Analysis Method: TO-15 | Date Collected: 02/14/2013 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/15/2013 13:34

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51998 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Client Sample ID: 5062 Lab Sample ID: 200-15100-10

Matrix: Air Lab File ID: ggzr006.d

Analysis Method: TO-15 Date Collected: 02/14/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/15/2013 13:34

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51998 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Client Sample ID: 5062 Lab Sample ID: 200-15100-10

Matrix: Air Lab File ID: ggzr006.d

Analysis Method: TO-15 Date Collected: 02/14/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/15/2013 13:34

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51998 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15100-10
Client Smp ID: 5062
Inj Date : 15-FEB-2013 13:34
Operator : MTP Inst ID: G.i
Smp Info : 200-15100-A-10
Misc Info : 1000,0.2, all74mn
Comment :
Method : /chem/G.i/Gsvr.p/ggzrto15.b/to15v5.m
Meth Date : 15-Feb-2013 11:18 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 5
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	3.006	3.006	(0.294)	6921	0.70612	0.14(aQ)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

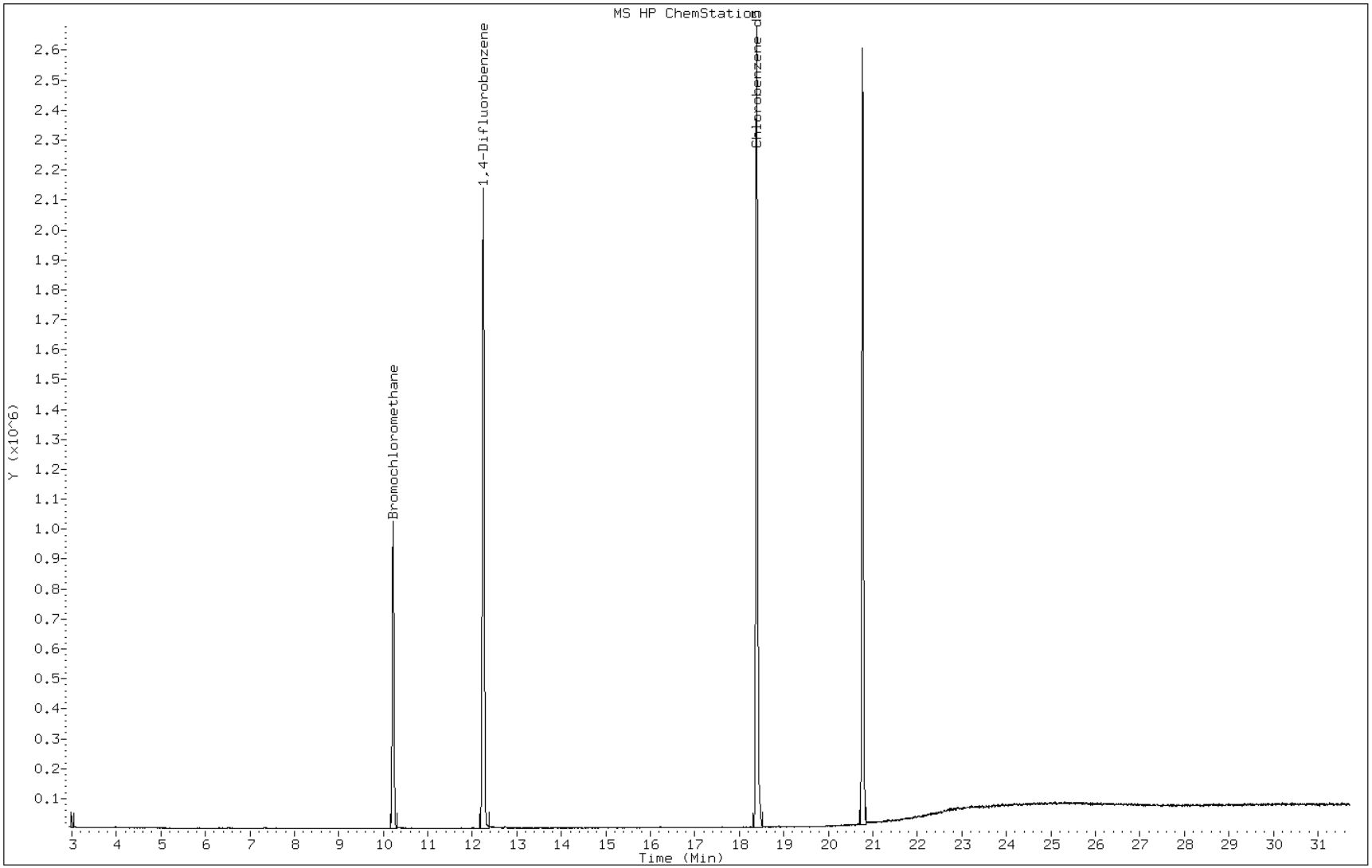
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.334	7.361	(0.718)	1771	0.08494	0.017(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.218	10.244	(1.000)	492034	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	12.245	12.272	(1.000)	3406767	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	12.743	12.769	(1.041)	2740	0.03041	0.0061(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.387	18.413	(1.000)	3248791	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	ggzr006.d	Date:	15-FEB-2013 13:34
Client ID:	5062	Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15100-A-10		
Lab Sample ID:	200-15100-10		



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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: 5075 Lab Sample ID: 200-15118-6

Matrix: Air Lab File ID: ggzs008.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: 5075 Lab Sample ID: 200-15118-6

Matrix: Air Lab File ID: ggzs008.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U *	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: 5075 Lab Sample ID: 200-15118-6

Matrix: Air Lab File ID: ggzs008.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U *	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15118-6
Client Smp ID: 5075
Inj Date : 18-FEB-2013 14:52
Operator : MTP Inst ID: G.i
Smp Info : 200-15118-A-6
Misc Info : 1000,0.2, all74mn
Comment :
Method : /chem/G.i/Gsvr.p/ggzsto15.b/to15v5.m
Meth Date : 18-Feb-2013 13:46 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 5
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

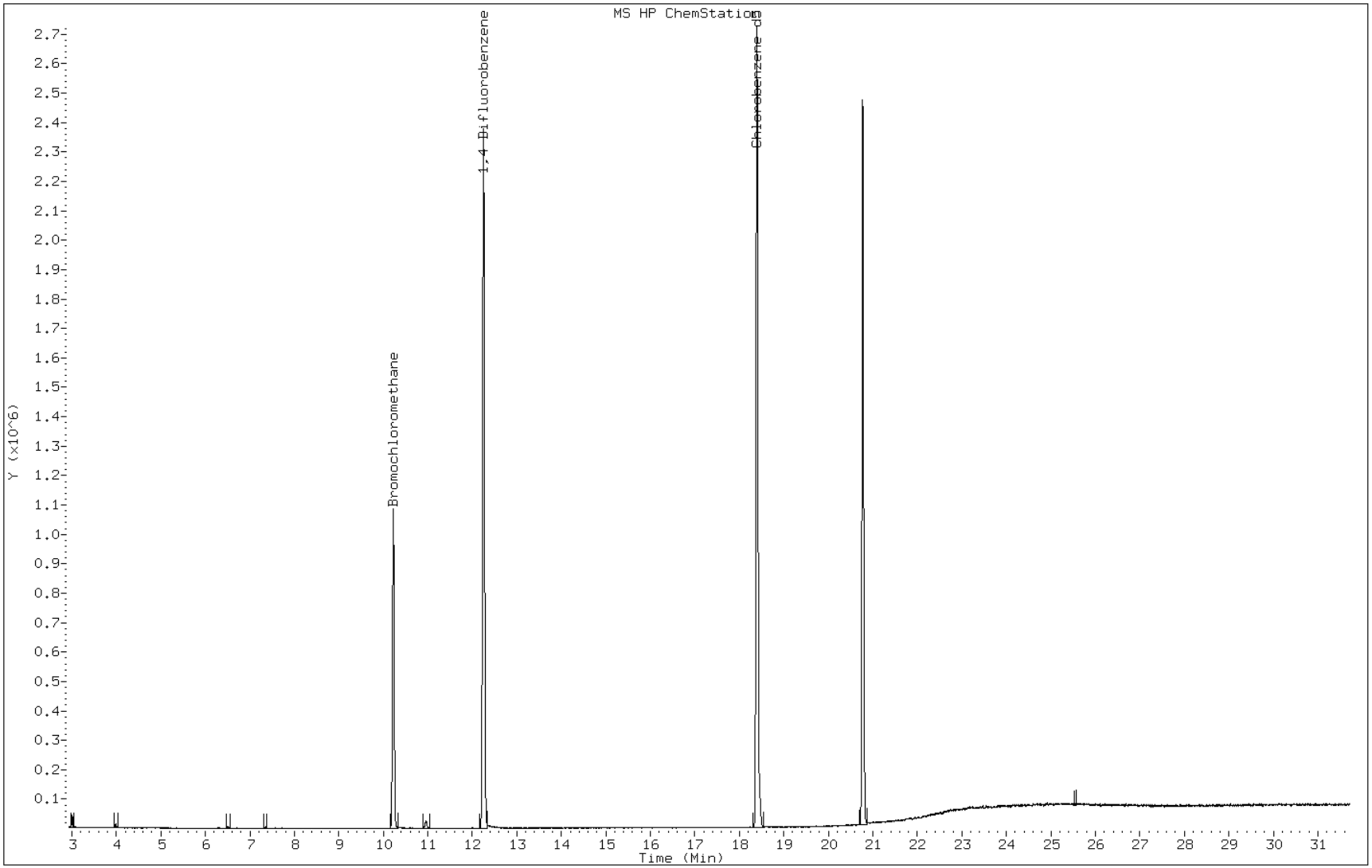
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	6.505	6.489	(0.636)	7868	0.32247	0.064(a)
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	7.340	7.361	(0.718)	3074	0.13713	0.027(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
29	Acrylonitrile	53	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37	Bromochloromethane	128	10.223	10.244	(1.000)	528959	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	10.961	10.972	(0.895)	26919	0.16465	0.033(a)
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	12.251	12.272	(1.000)	3812030	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.					

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	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	18.397	18.413	(1.000)	3348788	10.0000	
	66	Chlorobenzene	112	Compound Not Detected.					
	67	n-Nonane	57	Compound Not Detected.					
	68	Ethylbenzene	91	Compound Not Detected.					
	69	Xylene (m,p)	106	Compound Not Detected.					
M	70	Xylenes, Total	106	Compound Not Detected.					
	71	Xylene (o)	106	Compound Not Detected.					
	72	Styrene	104	Compound Not Detected.					
	73	Bromoform	173	Compound Not Detected.					
	74	Isopropylbenzene	105	Compound Not Detected.					
	75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76	n-Propylbenzene	91	Compound Not Detected.					
	77	1,2,3-Trichloropropane	75	Compound Not Detected.					
	78	n-Decane	57	Compound Not Detected.					
	79	4-Ethyltoluene	105	Compound Not Detected.					
	80	2-Chlorotoluene	91	Compound Not Detected.					
	81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82	Alpha Methyl Styrene	118	Compound Not Detected.					
	83	tert-butylbenzene	119	Compound Not Detected.					
	84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85	sec-Butylbenzene	105	Compound Not Detected.					
	86	4-Isopropyltoluene	119	Compound Not Detected.					
	87	1,3-Dichlorobenzene	146	Compound Not Detected.					
	88	1,4-Dichlorobenzene	146	Compound Not Detected.					
	89	Benzyl chloride	91	Compound Not Detected.					
	90	Undecane	57	Compound Not Detected.					
	91	n-Butylbenzene	91	Compound Not Detected.					
	92	1,2-Dichlorobenzene	146	Compound Not Detected.					
	93	Dodecane	57	Compound Not Detected.					
	94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96	Naphthalene	128	Compound Not Detected.					
	97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	ggzs008.d	Date:	18-FEB-2013 14:52
Client ID:	5075	Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15118-A-6		
Lab Sample ID:	200-15118-6		



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

Lab Name: TestAmerica Burlington | Job No.: 200-15120-1

SDG No.:

Client Sample ID: 2639 | Lab Sample ID: 200-15120-9

Matrix: Air | Lab File ID: clfo006.d

Analysis Method: TO-15 | Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2013 13:47

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52061 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: 2639 Lab Sample ID: 200-15120-9

Matrix: Air Lab File ID: clfo006.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 13:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: 2639 Lab Sample ID: 200-15120-9

Matrix: Air Lab File ID: clfo006.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 13:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15120-9
Client Smp ID: 2639
Inj Date : 18-FEB-2013 13:47
Operator : wrd Inst ID: C.i
Smp Info : 200-15120-A-9
Misc Info : 1000,0.2,all74+mn
Comment :
Method : /chem/C.i/Csvr.p/clfoto15.b/to15v5.m
Meth Date : 19-Feb-2013 10:33 wrd Quant Type: ISTD
Cal Date : 03-FEB-2013 14:32 Cal File: clf003.d
Als bottle: 5
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.789	4.784	(0.400)	2376	0.04228	0.0085(aQ)
6 Butane	43	5.051	5.051	(0.422)	4441	0.04886	0.0098(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

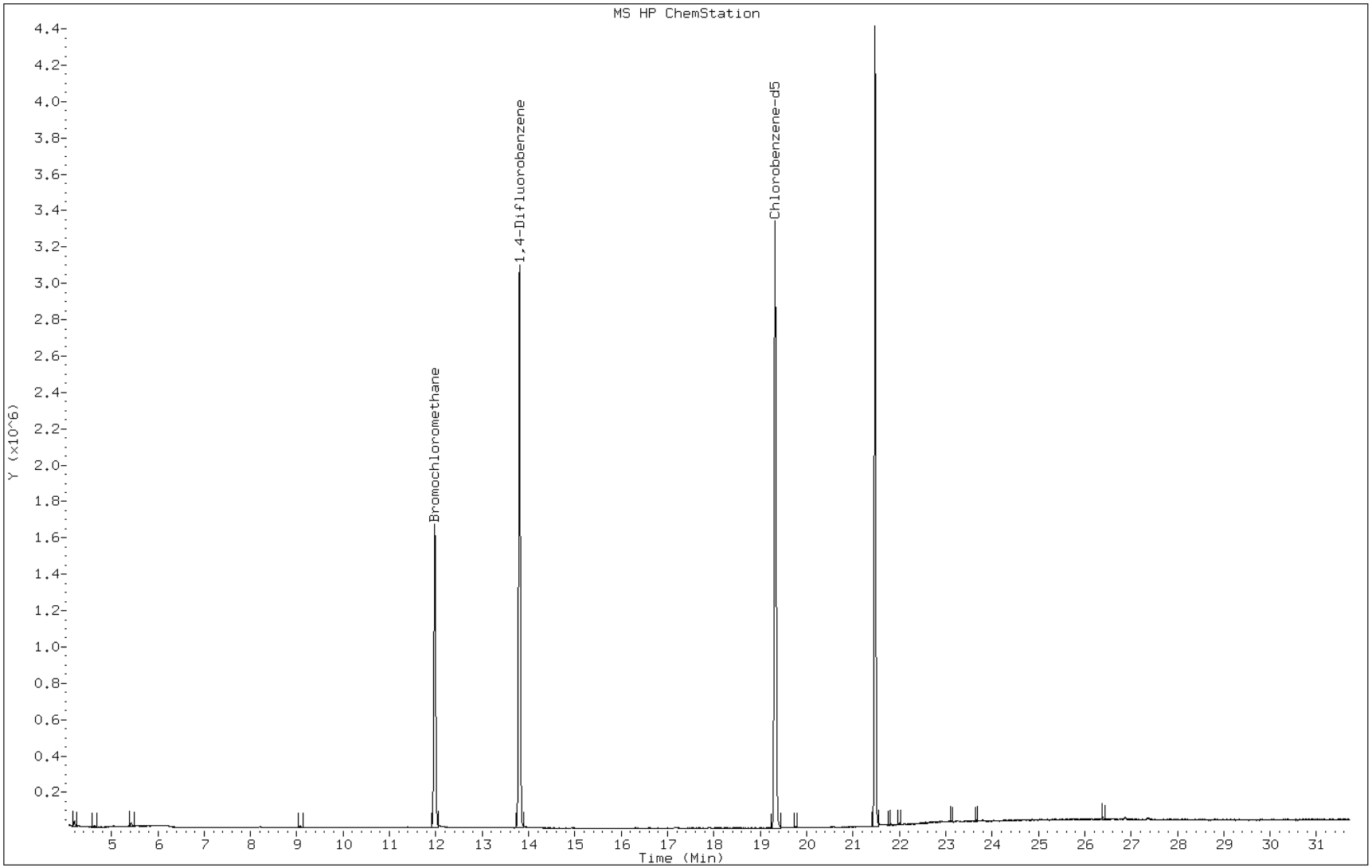
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.210	8.184	(0.685)	15170	0.21788	0.044(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.070	9.086	(0.757)	6984	0.10710	0.021(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	11.978	11.989	(1.000)	694600	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	13.803	13.814	(1.000)	3849220	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	19.322	19.332	(1.000)	3282662	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	26.393	26.404	(1.366)	4137	0.05788	0.012(a)
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	26.873	26.884	(1.391)	14470	0.10185	0.020(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:	clfo006.d	Date:	18-FEB-2013 13:47
Client ID:	2639	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15120-A-9		
Lab Sample ID:	200-15120-9		



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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15047-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15100-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

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

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51508/3	clf003.d
Level 2	IC 200-51508/4	clf004.d
Level 3	IC 200-51508/5	clf005.d
Level 4	IC 200-51508/6	clf006.d
Level 5	ICIS 200-51508/7	clf007.d
Level 6	IC 200-51508/8	clf008.d
Level 7	IC 200-51508/9	clf009.d
Level 8	IC 200-51508/10	clf010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	0.6574	0.5996	1.0336 0.4488	0.7977	0.6930	Ave		0.7050				28.1		30.0			
Dichlorodifluoromethane	2.8789	2.7355	3.3740 2.0593	3.3498	3.0303	Ave		2.9046				16.7		30.0			
Freon 22	1.4021	1.2958	1.7082 0.9608	1.6361	1.4515	Ave		1.4091				19.0		30.0			
1,2-Dichlorotetrafluoroethane	3.0832	3.5300 2.9445	3.3774 2.1972	3.4359	3.1779	Ave		3.1066				14.5		30.0			
Chloromethane	0.7835	0.7398	1.0406 0.5473	0.9259	0.8173	Ave		0.8091				20.8		30.0			
n-Butane	1.2965	1.2255	1.5491 0.9066	1.5159	1.3580	Ave		1.3086				17.8		30.0			
Vinyl chloride	1.2252 0.9439	1.1210 0.9002	1.0975 0.6715	1.0602	0.9720	Ave		0.9990				16.9		30.0			
1,3-Butadiene	0.6803	0.8057 0.6408	0.7840 0.4759	0.7720	0.6953	Ave		0.6934				16.4		30.0			
Bromomethane	0.9613	1.2104 0.9086	1.1100 0.6894	1.0638	0.9755	Ave		0.9884				16.8		30.0			
Chloroethane	0.5017	0.4735	0.5609 0.3589	0.5574	0.5062	Ave		0.4931				15.0		30.0			
Isopentane	1.0296	1.3168 0.9639	1.1916 0.7105	1.1675	1.0576	Ave		1.0625				18.3		30.0			
Bromoethene(Vinyl Bromide)	1.0704	1.2107 1.0482	1.1028 0.8085	1.0814	1.0548	Ave		1.0538				11.5		30.0			
Trichlorofluoromethane	3.0192	3.4373 2.9011	3.2575 2.2135	3.2811	3.0290	Ave		3.0198				13.3		30.0			
n-Pentane	1.5777	1.4802	1.7950 1.0908	1.7831	1.6343	Ave		1.5602				16.6		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.2490	0.2428	0.3094 0.1854	0.2137	0.2935	Ave		0.2490				18.8		30.0			
Ethyl ether	0.6198	0.7836 0.5988	0.7052 0.4445	0.6190	0.6673	Ave		0.6340				16.6		30.0			
Acrolein	0.3134	0.3060	0.2139	0.2891	0.3300	Ave		0.2905				15.6		30.0			
Freon TF	2.1735	2.4360 2.1180	2.2538 1.6219	2.2757	2.1464	Ave		2.1465				11.9		30.0			
1,1-Dichloroethene	1.0298	1.2388 1.0059	1.0737 0.7758	1.0598	1.0148	Ave		1.0284				13.3		30.0			
Acetone	1.0882	1.0114	0.7888	1.0005	1.1232	Ave		1.0024				13.0		30.0			
Carbon disulfide	2.8725	2.7578	3.0463 2.1225	3.0976	2.8791	Ave		2.7960				12.6		30.0			
Isopropyl alcohol	0.8681	0.8136	0.5454	0.8278	0.8632	Ave		0.7836				17.2		30.0			
3-Chloropropene	1.1744	1.1816 1.0508	1.1290 0.7380	1.2504	1.2840	Ave		1.1155				16.4		30.0			
Acetonitrile	0.4826	0.5183	0.3546	0.4996	0.5230	Ave		0.4756				14.6		30.0			
Methylene Chloride	0.9082	0.8507	1.2546 0.6326	1.0451	0.9420	Ave		0.9389				22.0		30.0			
tert-Butyl alcohol	1.2602	1.2104	0.8400	1.3413	1.3437	Ave		1.1991				17.4		30.0			
Methyl tert-butyl ether	2.5801	3.2020 2.5275	2.7667 1.9029	2.4468	2.7744	Ave		2.6001				15.2		30.0			
trans-1,2-Dichloroethene	1.3451	1.6646 1.2654	1.5350 0.9426	1.5180	1.3896	Ave		1.3800				17.0		30.0			
Acrylonitrile	0.5926	0.5709	0.6333 0.4270	0.5481	0.6259	Ave		0.5663				13.3		30.0			
n-Hexane	1.4913	1.7677 1.4127	1.6349 1.0644	1.6460	1.5238	Ave		1.5058				15.1		30.0			
1,1-Dichloroethane	1.7458	2.0841 1.6549	1.9353 1.2476	1.9327	1.7903	Ave		1.7701				15.3		30.0			
Vinyl acetate	1.9118	1.8278	1.3850	1.7046	2.0416	Ave		1.7741				14.1		30.0			
cis-1,2-Dichloroethene	1.1544	1.4206 1.1221	1.2532 0.8635	1.1794	1.1536	Ave		1.1638				14.3		30.0			
Methyl Ethyl Ketone	0.4377	0.4248	0.4791 0.3239	0.3654	0.4584	Ave		0.4149				14.2		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0878	0.0855	0.0668	0.0685	0.0919	Ave		0.0801				14.5		30.0			
Tetrahydrofuran	0.1536	0.1481	0.1092	0.1434	0.1662	Ave		0.1441				14.8		30.0			
Chloroform	2.2380	2.6382 2.1349	2.4416 1.6270	2.4207	2.2606	Ave		2.2516				14.3		30.0			
1,1,1-Trichloroethane	0.4706	0.5417 0.4541	0.4956 0.3538	0.5000	0.4707	Ave		0.4695				12.4		30.0			
Cyclohexane	0.2907	0.3244 0.2839	0.2963 0.2202	0.3026	0.2901	Ave		0.2869				11.2		30.0			
Carbon tetrachloride	0.5861 0.5234	0.5457 0.5147	0.5126 0.4083	0.5341	0.5131	Ave		0.5172				9.7		30.0			
Benzene	0.6055	0.7146 0.5847	0.6507 0.4478	0.6312	0.6046	Ave		0.6056				13.5		30.0			
2,2,4-Trimethylpentane	0.8663	1.0355 0.8243	0.9533 0.6193	0.9511	0.8839	Ave		0.8762				15.2		30.0			
1,2-Dichloroethane	0.2439	0.2794 0.2294	0.2779 0.1748	0.2652	0.2470	Ave		0.2454				14.7		30.0			
n-Heptane	0.2922	0.3491 0.2766	0.3281 0.2034	0.3300	0.3033	Ave		0.2975				16.2		30.0			
n-Butanol	0.0553	0.0598	0.0402	0.0614	0.0593	Ave		0.0552				15.7		30.0			
Trichloroethene	0.3961 0.2929	0.3353 0.2845	0.2996 0.2240	0.2961	0.2876	Ave		0.3020				16.2		30.0			
1,2-Dichloropropane	0.2042	0.2345 0.1932	0.2225 0.1481	0.2102	0.2072	Ave		0.2028				13.6		30.0			
Methyl methacrylate	0.1789	0.1757	0.1446 0.1378	0.1349	0.1855	Ave		0.1596				14.3		30.0			
1,4-Dioxane	0.0797	0.0773	0.0519	0.0677	0.0783	Ave		0.0710				16.4		30.0			
Dibromomethane	0.2916	0.2761 0.2922	0.2550 0.2434	0.2550	0.2732	Ave		0.2695				7.0		30.0			
Bromodichloromethane	0.4619	0.4700 0.4427	0.4510 0.3453	0.4677	0.4599	Ave		0.4427				9.9		30.0			
cis-1,3-Dichloropropene	0.3289	0.3303 0.3097	0.3138 0.2460	0.2996	0.3244	Ave		0.3075				9.5		30.0			
methyl isobutyl ketone	0.2718	0.2598	0.2747 0.2075	0.2557	0.3074	Ave		0.2628				12.4		30.0			
Toluene	0.5036	0.5657 0.4774	0.5123 0.3841	0.4773	0.4946	Ave		0.4878				11.2		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	0.3963	0.4460 0.3617	0.4565 0.2679	0.4169	0.4134	Ave		0.3941				16.2		30.0			
trans-1,3-Dichloropropene	0.3213	0.3120 0.3016	0.2959 0.2401	0.2652	0.3158	Ave		0.2932				10.2		30.0			
1,1,2-Trichloroethane	0.2338	0.2680 0.2215	0.2414 0.1770	0.2268	0.2299	Ave		0.2283				11.9		30.0			
Tetrachloroethene	0.6118 0.5201	0.5175 0.5216	0.4491 0.4451	0.4745	0.4752	Ave		0.5019				10.8		30.0			
Methyl Butyl Ketone (2-Hexanone)	0.2569	0.2548	0.2720 0.2086	0.2418	0.2823	Ave		0.2527				10.2		30.0			
Dibromochloromethane	0.5786	0.4911 0.5663	0.4697 0.4759	0.5139	0.5474	Ave		0.5204				8.5		30.0			
1,2-Dibromoethane	0.4741	0.4542 0.4490	0.4218 0.3725	0.4053	0.4480	Ave		0.4321				8.0		30.0			
Chlorobenzene	0.7254	0.7741 0.7004	0.6832 0.5797	0.6373	0.6948	Ave		0.6850				9.1		30.0			
Ethylbenzene	1.0542	1.0392 1.0326	0.9804 0.8339	0.9483	1.0638	Ave		0.9932				8.2		30.0			
n-Nonane	0.4128	0.4297 0.3950	0.4004 0.2983	0.4080	0.4333	Ave		0.3968				11.5		30.0			
m,p-Xylene	0.4416	0.3964 0.4344	0.3744 0.3534	0.3799	0.4405	Ave		0.4029				8.9		30.0			
Xylene, o-	0.4290	0.4080 0.4201	0.3806 0.3367	0.3785	0.4345	Ave		0.3982				8.8		30.0			
Styrene	0.6365	0.4537 0.6360	0.4268 0.5219	0.4937	0.6308	Ave		0.5428				16.7		30.0			
Bromoform	0.6022	0.4123 0.6083	0.3871 0.5378	0.4634	0.5591	Ave		0.5100				17.6		30.0			
Cumene	1.2726	1.0691 1.2695	1.0261 1.0315	1.0850	1.2777	Ave		1.1474				10.4		30.0			
1,1,2,2-Tetrachloroethane	0.5700	0.5244 0.5584	0.4929 0.4440	0.5074	0.5874	Ave		0.5264				9.5		30.0			
1,2,3-Trichloropropane	0.4145	0.4021	0.3953 0.3166	0.3714	0.4310	Ave		0.3885				10.4		30.0			
n-Propylbenzene	1.4430	1.1128 1.4283	1.0198 1.0860	1.1260	1.4455	Ave		1.2373				15.5		30.0			
4-Ethyltoluene	1.2725	0.9455 1.2567	0.7906 0.9762	0.9319	1.2719	Ave		1.0636				18.7		30.0			
2-Chlorotoluene	1.0126	0.9420 0.9669	0.8553 0.7316	0.8914	1.0352	Ave		0.9193				11.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	0.4403	0.4076	0.3721 0.2804	0.3520	0.4753	Ave		0.3880				17.8		30.0			
1,3,5-Trimethylbenzene	1.0759	0.7978 1.0697	0.6981 0.8718	0.8060	1.0869	Ave		0.9152				17.5		30.0			
Alpha Methyl Styrene	0.5242	0.3009 0.5349	0.2749 0.4483	0.3482	0.5195	Ave		0.4216				26.5		30.0			
tert-Butylbenzene	1.0831	0.8110 1.0835	0.7414 0.9048	0.8534	1.1028	Ave		0.9400				15.8		30.0			
1,2,4-Trimethylbenzene	1.0393	0.7277 1.0376	0.6381 0.8549	0.7332	1.0518	Ave		0.8689				20.1		30.0			
sec-Butylbenzene	1.5467	1.1313 1.5360	0.9922 1.1158	1.1323	1.5780	Ave		1.2903				19.5		30.0			
4-Isopropyltoluene	1.3196	0.8662 1.3318	0.7883 1.0478	0.8566	1.3164	Ave		1.0752				22.7		30.0			
1,3-Dichlorobenzene	0.7179	0.6050 0.7399	0.5372 0.6627	0.5208	0.6881	Ave		0.6388				13.5		30.0			
1,4-Dichlorobenzene	0.6796	0.5802 0.6985	0.5041 0.6267	0.5001	0.6537	Ave		0.6061				13.3		30.0			
Benzyl chloride	0.6221	0.5292 0.6434	0.4605 0.5170	0.5185	0.6335	Ave		0.5606				12.7		30.0			
n-Butylbenzene	0.9039	0.6514 0.8930	0.6044 0.7741	0.6945	0.8978	Ave		0.7741				16.4		30.0			
n-Undecane	0.3380	0.3307	0.2803	0.3669	0.3660	Ave		0.3364				10.5		30.0			
1,2-Dichlorobenzene	0.6623	0.5610 0.6792	0.4886 0.6062	0.4996	0.6503	Ave		0.5925				13.1		30.0			
n-Dodecane	0.2225	0.2571	0.1585	0.2837	0.2633	Ave		0.2370				20.7		30.0			
1,2,4-Trichlorobenzene	0.2267	0.2537	0.1312 0.2006	0.2477	0.2464	Ave		0.2177				21.4		30.0			
Hexachlorobutadiene	0.3830	0.3322 0.3931	0.2714 0.3822	0.3088	0.3728	Ave		0.3491				13.2		30.0			
Naphthalene	0.4548	0.5334	0.2178 0.3318	0.5398	0.5191	Ave		0.4328				30.3	*	30.0			
1,2,3-Trichlorobenzene	0.1807	0.1420 0.2076	0.1080 0.1574	0.2168	0.2032	Ave		0.1737				22.9		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51508/3	clf003.d
Level 2	IC 200-51508/4	clf004.d
Level 3	IC 200-51508/5	clf005.d
Level 4	IC 200-51508/6	clf006.d
Level 5	ICIS 200-51508/7	clf007.d
Level 6	IC 200-51508/8	clf008.d
Level 7	IC 200-51508/9	clf009.d
Level 8	IC 200-51508/10	clf010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	754799	995113	31807 1620692	242732	482328	15.0	20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	3305685	4539594	103834 7436131	1019336	2108993	15.0	20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	1609944	2150499	52569 3469412	497873	1010190	15.0	20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	3540268	4886563	45664 103938 7934270	1045533	2211664	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	899615	1227649	32025 1976257	281737	568814	15.0	20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	1488728	2033691	47672 3273879	461298	945117	15.0	20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	3563 1083855	14502 1493881	33776 2425006	322615	676455	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	781135	10423 1063359	24127 1718483	234913	483929	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	1103848	15658 1507806	34159 2489612	323701	678893	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	576052	785779	17261 1296129	169626	352318	15.0	20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	1182167	17034 1599634	36672 2565771	355269	736028	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	1229088	15662 1739592	33937 2919498	329069	734067	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	3466763	44465 4814562	100248 7993220	998430	2108047	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	1811549	2456462	55240 3938973	542604	1137417	15.0	20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	381265	805863	95202 1673636	130056	306440	20.0	40.0	5.00 100	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	711718	10137 993775	21701 1604951	188349	464402	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	359884	507783	772232	87976	229697	15.0	20.0	40.0	5.00	10.0
Freon TF	BCM	Ave	2495720	31512 3514953	69360 5856867	692489	1493828	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	1182431	16025 1669389	33041 2801587	322483	706248	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	1249450	1678388	2848264	304458	781672	15.0	20.0	40.0	5.00	10.0
Carbon disulfide	BCM	Ave	3298274	4576622	93747 7664443	942587	2003767	15.0	20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	996727	1350223	1969361	251891	600720	15.0	20.0	40.0	5.00	10.0
3-Chloropropene	BCM	Ave	1348475	15285 1743808	34745 2665139	380487	893641	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	554091	860219	1280502	152028	363968	15.0	20.0	40.0	5.00	10.0
Methylene Chloride	BCM	Ave	1042783	1411785	38608 2284421	318014	655600	15.0	20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	1446982	2008696	3033279	408165	935177	15.0	20.0	40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	2962601	41421 4194563	85142 6871683	744547	1930845	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	1544530	21533 2099928	47240 3403884	461913	967127	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	680432	947492	19490 1541752	166795	435580	15.0	20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	1712321	22867 2344472	50312 3843527	500871	1060500	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	2004626	26960 2746324	59556 4505216	588115	1245995	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	2195158	3033266	5001304	518693	1420850	15.0	20.0	40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	1325561	18377 1862219	38566 3118052	358900	802838	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	502524	705046	14743 1169801	111184	319006	15.0	20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	100779	141933	241280	20852	63941	15.0	20.0	40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	962953	1334409	2109211	239658	634150	15.0	20.0	40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	2569704	34128 3542970	75140 5875051	736628	1573274	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	2950301	38093 4091306	83454 6832161	835448	1796278	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	1822879	22814 2557384	49892 4252739	505570	1107347	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	9215 3281349	38369 4637211	86315 7883903	892503	1958266	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	3796066	50248 5268006	109569 8647513	1054723	2307306	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	5431487	72810 7426408	160518 11959288	1589316	3373358	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	1529003	19647 2066904	46800 3375520	443079	942652	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	1831770	24549 2491532	55253 3928209	551410	1157705	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	346454	538637	776799	102539	226410	15.0	20.0	40.0	5.00	10.0
Trichloroethene	DFB	Ave	6227 1836435	23576 2562756	50446 4326163	494774	1097576	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	1280203	16490 1740528	37457 2860160	351225	790584	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	1121484	1583024	24352 2660959	225406	707986	15.0	20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	499520	696626	1001529	113210	298685	15.0	20.0	40.0	5.00	10.0
Dibromomethane	DFB	Ave	1828253	19412 2632408	42940 4700540	426180	1042569	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	2895962	33049 3988201	75946 6668668	781539	1755306	15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	2062287	23223 2790165	52830 4751060	500675	1238074	15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	1703925	2340591	46246 4006418	427303	1173123	15.0	20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	2927599	35323 3988053	78404 6775178	707337	1772433	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	2484593	31363 3258500	76874 5174062	696645	1577908	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	2014645	21940 2717465	49823 4637304	443207	1205258	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	1359006	16735 1850121	36939 3122990	336140	824045	15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	8509 3023468	32317 4357217	68729 7850750	703217	1703153	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	 1493262	 2128323	41629 3679715	358357	1011648	 15.0	 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	30667 3363455	71883 4730600	761564 8395353	1961874		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	28361 2756031	64553 3751155	600715 6571139	1605621		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	48338 4217298	104546 5851706	944474 10224987	2490197		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	64894 6128973	150030 8626910	1405301 14710206	3812334		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	26831 2399695	61272 3300334	604690 5262296	1552816		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	49500 5135014	114579 7258046	1125943 12466353	3156998		 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	25480 2494171	58247 3509451	560987 5939141	1557056		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	28330 3700322	65320 5313007	731626 9205452	2260633		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	25745 3500998	59244 5082140	686792 9487442	2003715		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	66762 7398189	157029 10606082	1607978 18196034	4579202		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	32747 3313976	75435 4664812	752011 7832112	2105284		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	 2409747	 3359145	60500 5585522	550454	1544733	 15.0	 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	69491 8389026	156060 11932713	1668704 19155738	5180411		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	59043 7397994	120986 10498628	1381087 17219979	4558116		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	58824 5886923	130893 8077697	1320964 12904426	3709969		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	 2559745	 3405533	56941 4946152	521646	1703559	 15.0	 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	49821 6254744	106824 8936812	1194420 15377993	3895241		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	18791 3047312	42062 4468582	516067 7907655	1861898		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	50642 6296755	113461 9051725	1264639 15960040	3952137		 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

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

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	6042091	45443 8668416	97653 15080770	1086516	3769326	15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	8992048	70641 12831683	151839 19681779	1678100	5655244	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	7671713	54087 11125813	120628 18482356	1269451	4717777	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	4173554	37779 6181100	82200 11688936	771828	2466173	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	3950676	36233 5835752	77136 11054375	741174	2342791	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	3616918	33045 5374783	70477 9120342	768414	2270437	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	5255084	40676 7460554	92489 13654403	1029156	3217444	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	1965257	2762684	4943911	543684	1311671	15.0	20.0	40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	3850175	35033 5673991	74773 10693584	740465	2330668	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	1293416	2147712	2795561	420496	943583	15.0	20.0	40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	1318056	2119079	20078 3539004	367150	882959	15.0	20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	2226315	20744 3284402	41539 6741049	457700	1336017	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	2643767	4455811	33331 5852455	800004	1860525	15.0	20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	1050747	8864 1734274	16531 2776489	321282	728177	15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab Sample ID: CCVIS 200-51819/4 Calibration Date: 02/12/2013 11:52

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzo004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2446		12.3	10.0	22.8	30.0
Dichlorodifluoromethane	Ave	1.522	1.977		13.0	10.0	29.9	30.0
Freon 22	Ave	0.6406	0.7997		12.5	10.0	24.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.923		12.7	10.0	27.1	30.0
Chloromethane	Ave	0.3185	0.3780		11.9	10.0	18.7	30.0
n-Butane	Ave	0.4234	0.5059		11.9	10.0	19.5	30.0
Vinyl chloride	Ave	0.4225	0.5045		11.9	10.0	19.4	30.0
1,3-Butadiene	Ave	0.2549	0.3022		11.9	10.0	18.6	30.0
Bromomethane	Ave	0.5783	0.7049		12.2	10.0	21.9	30.0
Chloroethane	Ave	0.1714	0.2097		12.2	10.0	22.4	30.0
Isopentane	Ave	0.3263	0.3600		11.0	10.0	10.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.8146		12.2	10.0	21.8	30.0
Trichlorofluoromethane	Ave	1.807	2.229		12.3	10.0	23.3	30.0
n-Pentane	Ave	0.4912	0.5830		11.9	10.0	18.7	30.0
Ethanol	Ave	0.1066	0.1171		16.5	15.0	9.8	30.0
Ethyl ether	Ave	0.2154	0.2703		12.5	10.0	25.5	30.0
Acrolein	Ave	0.1073	0.1343		12.5	10.0	25.2	30.0
Freon TF	Ave	1.224	1.490		12.2	10.0	21.8	30.0
1,1-Dichloroethene	Ave	0.5156	0.6095		11.8	10.0	18.2	30.0
Acetone	Ave	0.4613	0.5643		12.2	10.0	22.3	30.0
Carbon disulfide	Ave	1.483	1.734		11.7	10.0	16.9	30.0
Isopropyl alcohol	Ave	0.3165	0.4272		13.5	10.0	35.0*	30.0
3-Chloropropene	Ave	0.3779	0.4109		10.9	10.0	8.7	30.0
Acetonitrile	Ave	0.1921	0.2373		12.4	10.0	23.5	30.0
Methylene Chloride	Ave	0.4238	0.4904		11.6	10.0	15.7	30.0
tert-Butyl alcohol	Ave	0.5897	0.7849		13.3	10.0	33.1*	30.0
Methyl tert-butyl ether	Ave	1.153	1.456		12.6	10.0	26.3	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7605		11.8	10.0	17.7	30.0
Acrylonitrile	Ave	0.2076	0.2563		12.3	10.0	23.4	30.0
n-Hexane	Ave	0.5077	0.5854		11.5	10.0	15.3	30.0
1,1-Dichloroethane	Ave	0.8423	0.9858		11.7	10.0	17.0	30.0
Vinyl acetate	Ave	0.6408	0.7742		12.1	10.0	20.8	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8337		10.8	10.0	7.9	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2229		11.3	10.0	12.7	30.0
Ethyl acetate	Ave	0.0331	0.0381		11.5	10.0	15.0	30.0
Tetrahydrofuran	Ave	0.0596	0.0692		11.6	10.0	16.2	30.0
Chloroform	Ave	1.650	1.812		11.0	10.0	9.8	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4007		11.5	10.0	15.0	30.0
Cyclohexane	Ave	0.1669	0.1785		10.7	10.0	7.0	30.0
Carbon tetrachloride	Ave	0.4289	0.4913		11.5	10.0	14.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab Sample ID: CCVIS 200-51819/4 Calibration Date: 02/12/2013 11:52

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzo004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4304		10.8	10.0	8.4	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5193		11.1	10.0	11.4	30.0
1,2-Dichloroethane	Ave	0.1656	0.1945		11.7	10.0	17.4	30.0
n-Heptane	Ave	0.1483	0.1625		11.0	10.0	9.6	30.0
n-Butanol	Ave	0.0422	0.0494		11.7	10.0	17.1	30.0
Trichloroethene	Ave	0.2646	0.2962		11.2	10.0	12.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1843		11.2	10.0	12.0	30.0
Methyl methacrylate	Ave	0.1231	0.1510		12.3	10.0	22.6	30.0
1,4-Dioxane	Ave	0.0667	0.0917		13.8	10.0	37.5*	30.0
Dibromomethane	Ave	0.2780	0.3296		11.9	10.0	18.6	30.0
Bromodichloromethane	Ave	0.4016	0.4637		11.5	10.0	15.4	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2921		11.8	10.0	18.0	30.0
methyl isobutyl ketone	Ave	0.2078	0.2555		12.3	10.0	23.0	30.0
Toluene	Ave	0.3723	0.4209		11.3	10.0	13.0	30.0
n-Octane	Ave	0.2581	0.2927		11.3	10.0	13.4	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2741		12.7	10.0	26.7	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1919		11.3	10.0	12.5	30.0
Tetrachloroethene	Ave	0.4038	0.4338		10.7	10.0	7.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1828		11.4	10.0	13.6	30.0
Dibromochloromethane	Ave	0.4154	0.5063		12.2	10.0	21.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3854		11.8	10.0	18.4	30.0
Chlorobenzene	Ave	0.5251	0.6128		11.7	10.0	16.7	30.0
Ethylbenzene	Ave	0.6987	0.8502		12.2	10.0	21.7	30.0
n-Nonane	Ave	0.2310	0.2713		11.7	10.0	17.5	30.0
m,p-Xylene	Ave	0.2963	0.3674		24.8	20.0	24.0	30.0
Xylene, o-	Ave	0.3217	0.3965		12.3	10.0	23.3	30.0
Styrene	Ave	0.3834	0.4846		12.6	10.0	26.4	30.0
Bromoform	Ave	0.3278	0.4324		13.2	10.0	31.9*	30.0
Cumene	Ave	0.8597	1.072		12.5	10.0	24.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4770		11.8	10.0	17.9	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.3106		11.5	10.0	14.6	30.0
n-Propylbenzene	Ave	0.8245	1.023		12.4	10.0	24.1	30.0
2-Chlorotoluene	Ave	0.5927	0.7413		12.5	10.0	25.1	30.0
4-Ethyltoluene	Ave	0.6952	0.9293		13.4	10.0	33.7*	30.0
n-Decane	Ave	0.2492	0.3030		12.2	10.0	21.6	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.8539		12.8	10.0	28.0	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3993		13.3	10.0	33.4*	30.0
tert-Butylbenzene	Ave	0.7105	0.9025		12.7	10.0	27.0	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.8026		13.0	10.0	30.1*	30.0
sec-Butylbenzene	Ave	0.9477	1.233		13.0	10.0	30.1*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Lab Sample ID: CCVIS 200-51819/4 Calibration Date: 02/12/2013 11:52

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzo004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	1.006		13.6	10.0	35.9*	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4919		13.5	10.0	34.7*	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.4645		13.1	10.0	31.0*	30.0
Benzyl chloride	Ave	0.2868	0.3969		13.8	10.0	38.4*	30.0
n-Butylbenzene	Ave	0.5055	0.6794		13.4	10.0	34.4*	30.0
n-Undecane	Ave	0.2168	0.2366		10.9	10.0	9.2	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.5327		13.2	10.0	32.2*	30.0
n-Dodecane	Ave	0.1342	0.1266		9.43	10.0	-5.7	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1384		10.8	10.0	8.3	30.0
Hexachlorobutadiene	Ave	0.2166	0.2477		11.4	10.0	14.4	30.0
Naphthalene	Ave	0.3306	0.3338		10.1	10.0	1.0	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1490		11.2	10.0	12.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab Sample ID: CCVIS 200-51998/2 Calibration Date: 02/15/2013 10:01

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2684		13.5	10.0	34.7*	30.0
Dichlorodifluoromethane	Ave	1.522	2.034		13.4	10.0	33.6*	30.0
Freon 22	Ave	0.6406	0.8486		13.2	10.0	32.5*	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.986		13.1	10.0	31.3*	30.0
Chloromethane	Ave	0.3185	0.4013		12.6	10.0	26.0	30.0
n-Butane	Ave	0.4234	0.5418		12.8	10.0	28.0	30.0
Vinyl chloride	Ave	0.4225	0.5166		12.2	10.0	22.3	30.0
1,3-Butadiene	Ave	0.2549	0.3136		12.3	10.0	23.1	30.0
Bromomethane	Ave	0.5783	0.7558		13.1	10.0	30.7*	30.0
Chloroethane	Ave	0.1714	0.2210		12.9	10.0	29.0	30.0
Isopentane	Ave	0.3263	0.3915		12.0	10.0	20.0	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.8443		12.6	10.0	26.3	30.0
Trichlorofluoromethane	Ave	1.807	2.324		12.9	10.0	28.6	30.0
n-Pentane	Ave	0.4912	0.6136		12.5	10.0	24.9	30.0
Ethanol	Ave	0.1066	0.1175		16.5	15.0	10.1	30.0
Ethyl ether	Ave	0.2154	0.2701		12.5	10.0	25.4	30.0
Acrolein	Ave	0.1073	0.1329		12.4	10.0	23.9	30.0
Freon TF	Ave	1.224	1.516		12.4	10.0	23.9	30.0
1,1-Dichloroethene	Ave	0.5156	0.6250		12.1	10.0	21.2	30.0
Acetone	Ave	0.4613	0.5701		12.4	10.0	23.6	30.0
Carbon disulfide	Ave	1.483	1.761		11.9	10.0	18.8	30.0
Isopropyl alcohol	Ave	0.3165	0.4043		12.8	10.0	27.7	30.0
3-Chloropropene	Ave	0.3779	0.4376		11.6	10.0	15.8	30.0
Acetonitrile	Ave	0.1921	0.2300		12.0	10.0	19.8	30.0
Methylene Chloride	Ave	0.4238	0.5022		11.8	10.0	18.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.7312		12.4	10.0	24.0	30.0
Methyl tert-butyl ether	Ave	1.153	1.426		12.4	10.0	23.7	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7753		12.0	10.0	20.0	30.0
Acrylonitrile	Ave	0.2076	0.2526		12.2	10.0	21.7	30.0
n-Hexane	Ave	0.5077	0.6001		11.8	10.0	18.2	30.0
1,1-Dichloroethane	Ave	0.8423	0.9916		11.8	10.0	17.7	30.0
Vinyl acetate	Ave	0.6408	0.7659		12.0	10.0	19.5	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8246		10.7	10.0	6.7	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2108		10.7	10.0	6.6	30.0
Ethyl acetate	Ave	0.0331	0.0374		11.3	10.0	12.9	30.0
Tetrahydrofuran	Ave	0.0596	0.0645		10.8	10.0	8.3	30.0
Chloroform	Ave	1.650	1.847		11.2	10.0	12.0	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3799		10.9	10.0	9.0	30.0
Cyclohexane	Ave	0.1669	0.1649		9.88	10.0	-1.2	30.0
Carbon tetrachloride	Ave	0.4289	0.4700		11.0	10.0	9.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab Sample ID: CCVIS 200-51998/2 Calibration Date: 02/15/2013 10:01

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4064		10.2	10.0	2.4	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4855		10.4	10.0	4.2	30.0
1,2-Dichloroethane	Ave	0.1656	0.1932		11.7	10.0	16.7	30.0
n-Heptane	Ave	0.1483	0.1559		10.5	10.0	5.1	30.0
n-Butanol	Ave	0.0422	0.0413		9.77	10.0	-2.3	30.0
Trichloroethene	Ave	0.2646	0.2840		10.7	10.0	7.3	30.0
1,2-Dichloropropane	Ave	0.1645	0.1758		10.7	10.0	6.9	30.0
Methyl methacrylate	Ave	0.1231	0.1356		11.0	10.0	10.2	30.0
1,4-Dioxane	Ave	0.0667	0.0840		12.6	10.0	26.0	30.0
Dibromomethane	Ave	0.2780	0.3188		11.5	10.0	14.7	30.0
Bromodichloromethane	Ave	0.4016	0.4686		11.7	10.0	16.7	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2862		11.6	10.0	15.6	30.0
methyl isobutyl ketone	Ave	0.2078	0.2377		11.4	10.0	14.4	30.0
Toluene	Ave	0.3723	0.3810		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2748		10.6	10.0	6.5	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2629		12.2	10.0	21.5	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1759		10.3	10.0	3.2	30.0
Tetrachloroethene	Ave	0.4038	0.4223		10.5	10.0	4.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1717		10.7	10.0	6.7	30.0
Dibromochloromethane	Ave	0.4154	0.4697		11.3	10.0	13.1	30.0
1,2-Dibromoethane	Ave	0.3255	0.3649		11.2	10.0	12.1	30.0
Chlorobenzene	Ave	0.5251	0.5482		10.4	10.0	4.4	30.0
Ethylbenzene	Ave	0.6987	0.7453		10.7	10.0	6.7	30.0
n-Nonane	Ave	0.2310	0.2365		10.2	10.0	2.4	30.0
m,p-Xylene	Ave	0.2963	0.3142		21.2	20.0	6.0	30.0
Xylene, o-	Ave	0.3217	0.3408		10.6	10.0	5.9	30.0
Styrene	Ave	0.3834	0.4135		10.8	10.0	7.9	30.0
Bromoform	Ave	0.3278	0.3828		11.7	10.0	16.8	30.0
Cumene	Ave	0.8597	0.9310		10.8	10.0	8.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4351		10.8	10.0	7.5	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2957		10.9	10.0	9.1	30.0
n-Propylbenzene	Ave	0.8245	0.9190		11.1	10.0	11.5	30.0
2-Chlorotoluene	Ave	0.5927	0.6516		11.0	10.0	9.9	30.0
4-Ethyltoluene	Ave	0.6952	0.7933		11.4	10.0	14.1	30.0
n-Decane	Ave	0.2492	0.2479		9.95	10.0	-0.5	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7270		10.9	10.0	8.9	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3351		11.2	10.0	12.0	30.0
tert-Butylbenzene	Ave	0.7105	0.7758		10.9	10.0	9.2	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6760		11.0	10.0	9.6	30.0
sec-Butylbenzene	Ave	0.9477	1.038		10.9	10.0	9.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Lab Sample ID: CCVIS 200-51998/2 Calibration Date: 02/15/2013 10:01

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8425		11.4	10.0	13.8	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4139		11.3	10.0	13.3	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3900		11.0	10.0	10.0	30.0
Benzyl chloride	Ave	0.2868	0.3451		12.0	10.0	20.3	30.0
n-Butylbenzene	Ave	0.5055	0.5594		11.1	10.0	10.6	30.0
n-Undecane	Ave	0.2168	0.1775		8.19	10.0	-18.1	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4490		11.1	10.0	11.4	30.0
n-Dodecane	Ave	0.1342	0.0963		7.17	10.0	-28.3	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1057		8.27	10.0	-17.3	30.0
Hexachlorobutadiene	Ave	0.2166	0.2296		10.6	10.0	6.0	30.0
Naphthalene	Ave	0.3306	0.2396		7.25	10.0	-27.5	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1154		8.68	10.0	-13.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: CCVIS 200-52056/4 Calibration Date: 02/18/2013 11:17

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzs004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2491		12.5	10.0	25.1	30.0
Dichlorodifluoromethane	Ave	1.522	1.932		12.7	10.0	26.9	30.0
Freon 22	Ave	0.6406	0.8059		12.6	10.0	25.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.907		12.6	10.0	26.0	30.0
Chloromethane	Ave	0.3185	0.3790		11.9	10.0	19.0	30.0
n-Butane	Ave	0.4234	0.5128		12.1	10.0	21.1	30.0
Vinyl chloride	Ave	0.4225	0.4988		11.8	10.0	18.1	30.0
1,3-Butadiene	Ave	0.2549	0.2968		11.6	10.0	16.4	30.0
Bromomethane	Ave	0.5783	0.7076		12.2	10.0	22.4	30.0
Chloroethane	Ave	0.1714	0.2023		11.8	10.0	18.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.8005		12.0	10.0	19.7	30.0
Trichlorofluoromethane	Ave	1.807	2.192		12.1	10.0	21.3	30.0
Ethanol	Ave	0.1066	0.1231		17.3	15.0	15.4	30.0
Freon TF	Ave	1.224	1.444		11.8	10.0	18.0	30.0
1,1-Dichloroethene	Ave	0.5156	0.5905		11.4	10.0	14.5	30.0
Acetone	Ave	0.4613	0.5391		11.7	10.0	16.9	30.0
Carbon disulfide	Ave	1.483	1.692		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.3165	0.4204		13.3	10.0	32.8*	30.0
3-Chloropropene	Ave	0.3779	0.4108		10.9	10.0	8.7	30.0
Methylene Chloride	Ave	0.4238	0.4872		11.5	10.0	15.0	30.0
tert-Butyl alcohol	Ave	0.5897	0.7430		12.6	10.0	26.0	30.0
Methyl tert-butyl ether	Ave	1.153	1.358		11.8	10.0	17.8	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7573		11.7	10.0	17.2	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9794		11.6	10.0	16.3	30.0
Vinyl acetate	Ave	0.6408	0.7344		11.5	10.0	14.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8077		10.5	10.0	4.5	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2070		10.5	10.0	4.6	30.0
Ethyl acetate	Ave	0.0331	0.0356		10.7	10.0	7.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0611		10.3	10.0	2.6	30.0
Chloroform	Ave	1.650	1.825		11.1	10.0	10.6	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3652		10.5	10.0	4.8	30.0
Cyclohexane	Ave	0.1669	0.1616		9.68	10.0	-3.2	30.0
Carbon tetrachloride	Ave	0.4289	0.4486		10.5	10.0	4.6	30.0
Benzene	Ave	0.3970	0.4050		10.2	10.0	2.0	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4710		10.1	10.0	1.1	30.0
1,2-Dichloroethane	Ave	0.1656	0.1900		11.5	10.0	14.7	30.0
n-Heptane	Ave	0.1483	0.1529		10.3	10.0	3.1	30.0
Trichloroethene	Ave	0.2646	0.2902		11.0	10.0	9.7	30.0
1,2-Dichloropropane	Ave	0.1645	0.1725		10.5	10.0	4.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: CCVIS 200-52056/4 Calibration Date: 02/18/2013 11:17

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzs004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl methacrylate	Ave	0.1231	0.1302		10.6	10.0	5.7	30.0
1,4-Dioxane	Ave	0.0667	0.0876		13.1	10.0	31.4*	30.0
Bromodichloromethane	Ave	0.4016	0.4602		11.5	10.0	14.6	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2764		11.2	10.0	11.6	30.0
methyl isobutyl ketone	Ave	0.2078	0.2204		10.6	10.0	6.1	30.0
Toluene	Ave	0.3723	0.3998		10.7	10.0	7.4	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2536		11.7	10.0	17.2	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1819		10.7	10.0	6.7	30.0
Tetrachloroethene	Ave	0.4038	0.4389		10.9	10.0	8.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1673		10.4	10.0	4.0	30.0
Dibromochloromethane	Ave	0.4154	0.4867		11.7	10.0	17.2	30.0
1,2-Dibromoethane	Ave	0.3255	0.3763		11.6	10.0	15.6	30.0
Chlorobenzene	Ave	0.5251	0.5776		11.0	10.0	10.0	30.0
Ethylbenzene	Ave	0.6987	0.7656		11.0	10.0	9.6	30.0
m,p-Xylene	Ave	0.2963	0.3266		22.0	20.0	10.2	30.0
Xylene, o-	Ave	0.3217	0.3481		10.8	10.0	8.2	30.0
Styrene	Ave	0.3834	0.4246		11.1	10.0	10.8	30.0
Bromoform	Ave	0.3278	0.3974		12.1	10.0	21.3	30.0
Cumene	Ave	0.8597	0.9461		11.0	10.0	10.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4296		10.6	10.0	6.2	30.0
n-Propylbenzene	Ave	0.8245	0.9046		11.0	10.0	9.7	30.0
2-Chlorotoluene	Ave	0.5927	0.6624		11.2	10.0	11.8	30.0
4-Ethyltoluene	Ave	0.6952	0.7978		11.5	10.0	14.7	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7268		10.9	10.0	8.9	30.0
tert-Butylbenzene	Ave	0.7105	0.7843		11.0	10.0	10.4	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6716		10.9	10.0	8.9	30.0
sec-Butylbenzene	Ave	0.9477	1.046		11.0	10.0	10.3	30.0
4-Isopropyltoluene	Ave	0.7405	0.8350		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4224		11.6	10.0	15.6	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3943		11.1	10.0	11.2	30.0
Benzyl chloride	Ave	0.2868	0.3392		11.8	10.0	18.3	30.0
n-Butylbenzene	Ave	0.5055	0.5282		10.4	10.0	4.5	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4494		11.2	10.0	11.5	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.0963		7.54	10.0	-24.6	30.0
Hexachlorobutadiene	Ave	0.2166	0.2042		9.43	10.0	-5.7	30.0
Naphthalene	Ave	0.3306	0.2048		6.19	10.0	-38.1*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: ICV 200-51508/15 Calibration Date: 02/04/2013 09:47

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clf015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7050	0.6475		9.18	10.0	-8.2	30.0
Dichlorodifluoromethane	Ave	2.905	2.905		10.0	10.0	0.0	30.0
Freon 22	Ave	1.409	1.401		9.94	10.0	-0.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.107	3.134		10.1	10.0	0.9	30.0
Chloromethane	Ave	0.8091	0.7997		9.88	10.0	-1.2	30.0
n-Butane	Ave	1.309	1.274		9.74	10.0	-2.6	30.0
Vinyl chloride	Ave	0.999	0.9474		9.48	10.0	-5.2	30.0
1,3-Butadiene	Ave	0.6934	0.7010		10.1	10.0	1.1	30.0
Bromomethane	Ave	0.9884	0.9453		9.56	10.0	-4.4	30.0
Chloroethane	Ave	0.4931	0.4996		10.1	10.0	1.3	30.0
Isopentane	Ave	1.062	1.023		9.63	10.0	-3.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.054	1.099		10.4	10.0	4.3	30.0
Trichlorofluoromethane	Ave	3.020	3.031		10.0	10.0	0.4	30.0
n-Pentane	Ave	1.560	1.535		9.84	10.0	-1.6	30.0
Ethanol	Ave	0.2490	0.2862		17.2	15.0	15.0	30.0
Ethyl ether	Ave	0.6340	0.6130		9.67	10.0	-3.3	30.0
Acrolein	Ave	0.2905	0.2776		9.56	10.0	-4.4	30.0
Freon TF	Ave	2.146	2.370		11.0	10.0	10.4	30.0
1,1-Dichloroethene	Ave	1.028	1.146		11.1	10.0	11.4	30.0
Acetone	Ave	1.002	1.081		10.8	10.0	7.9	30.0
Carbon disulfide	Ave	2.796	2.932		10.5	10.0	4.9	30.0
Isopropyl alcohol	Ave	0.7836	0.8537		10.9	10.0	8.9	30.0
3-Chloropropene	Ave	1.115	1.142		10.2	10.0	2.4	30.0
Acetonitrile	Ave	0.4756	0.5270		11.1	10.0	10.8	30.0
Methylene Chloride	Ave	0.9389	0.9774		10.4	10.0	4.1	30.0
tert-Butyl alcohol	Ave	1.199	1.224		10.2	10.0	2.1	30.0
Methyl tert-butyl ether	Ave	2.600	2.692		10.4	10.0	3.5	30.0
trans-1,2-Dichloroethene	Ave	1.380	1.346		9.75	10.0	-2.4	30.0
Acrylonitrile	Ave	0.5663	0.6138		10.8	10.0	8.4	30.0
n-Hexane	Ave	1.506	1.503		9.98	10.0	-0.2	30.0
1,1-Dichloroethane	Ave	1.770	1.762		9.95	10.0	-0.5	30.0
Vinyl acetate	Ave	1.774	1.931		10.9	10.0	8.9	30.0
cis-1,2-Dichloroethene	Ave	1.164	1.199		10.3	10.0	3.0	30.0
Methyl Ethyl Ketone	Ave	0.4149	0.4520		10.9	10.0	9.0	30.0
Ethyl acetate	Ave	0.0801	0.0905		11.3	10.0	13.0	30.0
Tetrahydrofuran	Ave	0.1441	0.1600		11.1	10.0	11.0	30.0
Chloroform	Ave	2.252	2.227		9.89	10.0	-1.1	30.0
1,1,1-Trichloroethane	Ave	0.4695	0.4648		9.90	10.0	-1.0	30.0
Cyclohexane	Ave	0.2869	0.2931		10.2	10.0	2.1	30.0
Carbon tetrachloride	Ave	0.5172	0.5094		9.85	10.0	-1.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: ICV 200-51508/15 Calibration Date: 02/04/2013 09:47

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clf015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6056	0.6080		10.0	10.0	0.4	30.0
2,2,4-Trimethylpentane	Ave	0.8762	0.8704		9.93	10.0	-0.7	30.0
1,2-Dichloroethane	Ave	0.2454	0.2397		9.77	10.0	-2.3	30.0
n-Heptane	Ave	0.2975	0.2925		9.83	10.0	-1.7	30.0
n-Butanol	Ave	0.0552	0.0586		10.6	10.0	6.1	30.0
Trichloroethene	Ave	0.3020	0.2866		9.49	10.0	-5.1	30.0
1,2-Dichloropropane	Ave	0.2028	0.1989		9.81	10.0	-1.9	30.0
Methyl methacrylate	Ave	0.1596	0.1780		11.2	10.0	11.6	30.0
1,4-Dioxane	Ave	0.0710	0.0717		10.1	10.0	1.0	30.0
Dibromomethane	Ave	0.2695	0.2867		10.6	10.0	6.4	30.0
Bromodichloromethane	Ave	0.4427	0.4606		10.4	10.0	4.0	30.0
cis-1,3-Dichloropropene	Ave	0.3075	0.3157		10.3	10.0	2.7	30.0
methyl isobutyl ketone	Ave	0.2628	0.2721		10.4	10.0	3.5	30.0
Toluene	Ave	0.4878	0.4891		10.0	10.0	0.3	30.0
n-Octane	Ave	0.3941	0.3935		9.98	10.0	-0.2	30.0
trans-1,3-Dichloropropene	Ave	0.2932	0.3021		10.3	10.0	3.1	30.0
1,1,2-Trichloroethane	Ave	0.2283	0.2154		9.43	10.0	-5.7	30.0
Tetrachloroethene	Ave	0.5019	0.4750		9.46	10.0	-5.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2527	0.2383		9.43	10.0	-5.7	30.0
Dibromochloromethane	Ave	0.5204	0.5601		10.8	10.0	7.6	30.0
1,2-Dibromoethane	Ave	0.4321	0.4333		10.0	10.0	0.3	30.0
Chlorobenzene	Ave	0.6850	0.6737		9.83	10.0	-1.6	30.0
Ethylbenzene	Ave	0.9932	1.008		10.1	10.0	1.4	30.0
n-Nonane	Ave	0.3968	0.4068		10.2	10.0	2.5	30.0
m,p-Xylene	Ave	0.4029	0.4178		20.7	20.0	3.7	30.0
Xylene, o-	Ave	0.3982	0.4037		10.1	10.0	1.4	30.0
Styrene	Ave	0.5428	0.5798		10.7	10.0	6.8	30.0
Bromoform	Ave	0.5100	0.5592		11.0	10.0	9.6	30.0
Cumene	Ave	1.147	1.228		10.7	10.0	7.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5264	0.5200		9.88	10.0	-1.2	30.0
1,2,3-Trichloropropane	Ave	0.3885	0.3999		10.3	10.0	2.9	30.0
n-Propylbenzene	Ave	1.237	1.366		11.0	10.0	10.4	30.0
4-Ethyltoluene	Ave	1.064	1.220		11.5	10.0	14.7	30.0
2-Chlorotoluene	Ave	0.9193	0.9917		10.8	10.0	7.9	30.0
n-Decane	Ave	0.3880	0.4347		11.2	10.0	12.1	30.0
1,3,5-Trimethylbenzene	Ave	0.9152	0.998		10.9	10.0	9.0	30.0
Alpha Methyl Styrene	Ave	0.4216	0.4748		11.3	10.0	12.6	30.0
tert-Butylbenzene	Ave	0.9400	1.047		11.1	10.0	11.4	30.0
1,2,4-Trimethylbenzene	Ave	0.8689	0.9304		10.7	10.0	7.1	30.0
sec-Butylbenzene	Ave	1.290	1.472		11.4	10.0	14.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: ICV 200-51508/15 Calibration Date: 02/04/2013 09:47

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clf015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.075	1.217		11.3	10.0	13.1	30.0
1,3-Dichlorobenzene	Ave	0.6388	0.6014		9.41	10.0	-5.8	30.0
1,4-Dichlorobenzene	Ave	0.6061	0.5608		9.25	10.0	-7.5	30.0
Benzyl chloride	Ave	0.5606	0.5310		9.47	10.0	-5.3	30.0
n-Butylbenzene	Ave	0.7741	0.7733		9.99	10.0	-0.1	30.0
n-Undecane	Ave	0.3364	0.2838		8.43	10.0	-15.6	30.0
1,2-Dichlorobenzene	Ave	0.5925	0.5380		9.08	10.0	-9.2	30.0
n-Dodecane	Ave	0.2370	0.1939		8.18	10.0	-18.2	30.0
1,2,4-Trichlorobenzene	Ave	0.2177	0.1602		7.35	10.0	-26.4	30.0
Hexachlorobutadiene	Ave	0.3491	0.2893		8.29	10.0	-17.1	30.0
Naphthalene	Ave	0.4328	0.3383		7.81	10.0	-21.8	30.0
1,2,3-Trichlorobenzene	Ave	0.1737	0.1351		7.78	10.0	-22.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: CCVIS 200-52061/3 Calibration Date: 02/18/2013 11:09

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clfo003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7050	0.7555		10.7	10.0	7.2	30.0
Dichlorodifluoromethane	Ave	2.905	3.283		11.3	10.0	13.0	30.0
Freon 22	Ave	1.409	1.603		11.4	10.0	13.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.107	3.430		11.0	10.0	10.4	30.0
Chloromethane	Ave	0.8091	0.8921		11.0	10.0	10.3	30.0
n-Butane	Ave	1.309	1.456		11.1	10.0	11.3	30.0
Vinyl chloride	Ave	0.999	1.061		10.6	10.0	6.2	30.0
1,3-Butadiene	Ave	0.6934	0.7522		10.8	10.0	8.5	30.0
Bromomethane	Ave	0.9884	1.066		10.8	10.0	7.8	30.0
Chloroethane	Ave	0.4931	0.5289		10.7	10.0	7.3	30.0
Isopentane	Ave	1.062	1.072		10.1	10.0	0.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.054	1.027		9.74	10.0	-2.6	30.0
Trichlorofluoromethane	Ave	3.020	3.111		10.3	10.0	3.0	30.0
n-Pentane	Ave	1.560	1.643		10.5	10.0	5.3	30.0
Ethanol	Ave	0.2490	0.2696		16.2	15.0	8.3	30.0
Ethyl ether	Ave	0.6340	0.6392		10.1	10.0	0.8	30.0
Acrolein	Ave	0.2905	0.3247		11.2	10.0	11.8	30.0
Freon TF	Ave	2.146	2.170		10.1	10.0	1.1	30.0
1,1-Dichloroethene	Ave	1.028	1.016		9.88	10.0	-1.2	30.0
Acetone	Ave	1.002	1.051		10.5	10.0	4.8	30.0
Carbon disulfide	Ave	2.796	2.995		10.7	10.0	7.1	30.0
Isopropyl alcohol	Ave	0.7836	0.8335		10.6	10.0	6.4	30.0
3-Chloropropene	Ave	1.115	1.104		9.89	10.0	-1.1	30.0
Acetonitrile	Ave	0.4756	0.5849		12.3	10.0	23.0	30.0
Methylene Chloride	Ave	0.9389	0.9754		10.4	10.0	3.9	30.0
tert-Butyl alcohol	Ave	1.199	1.342		11.2	10.0	12.0	30.0
Methyl tert-butyl ether	Ave	2.600	2.597		9.99	10.0	-0.1	30.0
trans-1,2-Dichloroethene	Ave	1.380	1.429		10.4	10.0	3.6	30.0
Acrylonitrile	Ave	0.5663	0.6056		10.7	10.0	6.9	30.0
n-Hexane	Ave	1.506	1.563		10.4	10.0	3.8	30.0
1,1-Dichloroethane	Ave	1.770	1.832		10.3	10.0	3.5	30.0
Vinyl acetate	Ave	1.774	1.881		10.6	10.0	6.0	30.0
cis-1,2-Dichloroethene	Ave	1.164	1.132		9.72	10.0	-2.7	30.0
Methyl Ethyl Ketone	Ave	0.4149	0.4269		10.3	10.0	2.9	30.0
Ethyl acetate	Ave	0.0801	0.0794		9.91	10.0	-0.9	30.0
Tetrahydrofuran	Ave	0.1441	0.1480		10.3	10.0	2.7	30.0
Chloroform	Ave	2.252	2.300		10.2	10.0	2.1	30.0
1,1,1-Trichloroethane	Ave	0.4695	0.4617		9.83	10.0	-1.7	30.0
Cyclohexane	Ave	0.2869	0.2813		9.80	10.0	-1.9	30.0
Carbon tetrachloride	Ave	0.5172	0.4861		9.40	10.0	-6.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: CCVIS 200-52061/3 Calibration Date: 02/18/2013 11:09

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clfo003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6056	0.6004		9.91	10.0	-0.9	30.0
2,2,4-Trimethylpentane	Ave	0.8762	0.8736		9.97	10.0	-0.3	30.0
1,2-Dichloroethane	Ave	0.2454	0.2414		9.84	10.0	-1.6	30.0
n-Heptane	Ave	0.2975	0.2899		9.74	10.0	-2.6	30.0
n-Butanol	Ave	0.0552	0.0583		10.6	10.0	5.6	30.0
Trichloroethene	Ave	0.3020	0.2752		9.11	10.0	-8.9	30.0
1,2-Dichloropropane	Ave	0.2028	0.2046		10.1	10.0	0.9	30.0
Methyl methacrylate	Ave	0.1596	0.1555		9.74	10.0	-2.6	30.0
1,4-Dioxane	Ave	0.0710	0.0730		10.3	10.0	2.9	30.0
Dibromomethane	Ave	0.2695	0.2171		8.05	10.0	-19.4	30.0
Bromodichloromethane	Ave	0.4427	0.4413		9.97	10.0	-0.3	30.0
cis-1,3-Dichloropropene	Ave	0.3075	0.3054		9.93	10.0	-0.7	30.0
methyl isobutyl ketone	Ave	0.2628	0.2556		9.72	10.0	-2.7	30.0
Toluene	Ave	0.4878	0.4735		9.70	10.0	-3.0	30.0
n-Octane	Ave	0.3941	0.3894		9.88	10.0	-1.2	30.0
trans-1,3-Dichloropropene	Ave	0.2932	0.2855		9.74	10.0	-2.6	30.0
1,1,2-Trichloroethane	Ave	0.2283	0.2288		10.0	10.0	0.2	30.0
Tetrachloroethene	Ave	0.5019	0.4042		8.05	10.0	-19.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2527	0.2419		9.57	10.0	-4.3	30.0
Dibromochloromethane	Ave	0.5204	0.4931		9.47	10.0	-5.2	30.0
1,2-Dibromoethane	Ave	0.4321	0.4115		9.52	10.0	-4.8	30.0
Chlorobenzene	Ave	0.6850	0.6289		9.18	10.0	-8.2	30.0
Ethylbenzene	Ave	0.9932	0.9716		9.78	10.0	-2.2	30.0
n-Nonane	Ave	0.3968	0.4124		10.4	10.0	3.9	30.0
m,p-Xylene	Ave	0.4029	0.3961		19.7	20.0	-1.7	30.0
Xylene, o-	Ave	0.3982	0.3840		9.64	10.0	-3.6	30.0
Styrene	Ave	0.5428	0.5249		9.67	10.0	-3.3	30.0
Bromoform	Ave	0.5100	0.4328		8.48	10.0	-15.1	30.0
Cumene	Ave	1.147	1.126		9.81	10.0	-1.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5264	0.5362		10.2	10.0	1.9	30.0
1,2,3-Trichloropropane	Ave	0.3885	0.3954		10.2	10.0	1.8	30.0
n-Propylbenzene	Ave	1.237	1.277		10.3	10.0	3.2	30.0
4-Ethyltoluene	Ave	1.064	1.120		10.5	10.0	5.3	30.0
2-Chlorotoluene	Ave	0.9193	0.9805		10.7	10.0	6.7	30.0
n-Decane	Ave	0.3880	0.4269		11.0	10.0	10.0	30.0
1,3,5-Trimethylbenzene	Ave	0.9152	0.9087		9.93	10.0	-0.7	30.0
Alpha Methyl Styrene	Ave	0.4216	0.3862		9.16	10.0	-8.4	30.0
tert-Butylbenzene	Ave	0.9400	0.9201		9.79	10.0	-2.1	30.0
1,2,4-Trimethylbenzene	Ave	0.8689	0.8467		9.74	10.0	-2.6	30.0
sec-Butylbenzene	Ave	1.290	1.324		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: CCVIS 200-52061/3 Calibration Date: 02/18/2013 11:09

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clfo003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.075	1.015		9.44	10.0	-5.6	30.0
1,3-Dichlorobenzene	Ave	0.6388	0.4871		7.62	10.0	-23.8	30.0
1,4-Dichlorobenzene	Ave	0.6061	0.4433		7.31	10.0	-26.9	30.0
Benzyl chloride	Ave	0.5606	0.4763		8.49	10.0	-15.0	30.0
n-Butylbenzene	Ave	0.7741	0.6695		8.65	10.0	-13.5	30.0
n-Undecane	Ave	0.3364	0.2981		8.86	10.0	-11.4	30.0
1,2-Dichlorobenzene	Ave	0.5925	0.4428		7.47	10.0	-25.3	30.0
n-Dodecane	Ave	0.2370	0.1966		8.29	10.0	-17.1	30.0
1,2,4-Trichlorobenzene	Ave	0.2177	0.1230		5.65	10.0	-43.5*	30.0
Hexachlorobutadiene	Ave	0.3491	0.1971		5.65	10.0	-43.5*	30.0
Naphthalene	Ave	0.4328	0.2967		6.85	10.0	-31.4*	30.0
1,2,3-Trichlorobenzene	Ave	0.1737	0.1041		5.99	10.0	-40.1*	30.0

GC/MS Air Instrument Run Log

=51182

Sequence			Standard Traceability		Instrument Information
Target Batch ID: GG2	Start Date: 1/25/13	Time: 0852	ISTD Container ID: 248062		Instrument ID: G
Test Method: TO15	End Date: 1/26/13	Time: 0852	CCV Container ID: See comments		Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID: See comments		Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*					

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
0852	012201	N/A	BFB	NA			LWD	AA	✓	LWD	
0950	02	4632	VIBLK		1	200		✓	✓		
1040	03	2887	IC. Lvl 5		2	40		N/A	✓		439935
1131	04	2887	IC. Lvl 1		2	200			✓		439931
1221	05	2603	IC Lvl 2		3	"			✓		439920
1311	06	3640	IC Level 3		4				✓		439912
1401	07	4636/3	ICIS Level 4		5	100			✓		439905
1451	08	3570	IC Level 5		6				✓		439907
1542	09	3643	IC Level 6		7				✓		439905
1632	10	4233	IC Level 7		7				✓		439914
1723	11	4632	VIBLK		1			✓	✓		
1813	12	2.225"	TCV		8			✓	✓	A-HK	@ 252600 AG
1904	13	4632	VIBLK		1	200	A-HK	✓	—		
1955	14	4632	LCS		9			✓	✓		AG-0294-MIN 452600
2046	15	4630	MB		1			✓	✓	PAH	
2215	16	bag	14745-01	13.3	9	150		✓	✓		bag DF=10 TO3 ↑ non-target NCM
2305	17		-02	14.3	10	140		✓	✓		bag DF=10 ↑ non-target NCM
2356	18		-03		11	200		✓	✓		C
0046	19	4397	14716-20	1	12	200		✓	✓		C
0136	20	4223	-31	1	13			✓	✓		C
0226	21	4127	-32	1	14			✓	✓		C
0317	22	3533	-33	1	15			✓	✓		C
0408	23	5136	-34	1	16			✓	✓		C
0458	24	4372	14640-01	10	1	20		✓	✓		C
0548	25	32833	14640-03	2	2	100		✓	✓ DL		C
0638	26	2975	-04	2	3	100		✓	✓ DL		C
0729	27	4464	14647-01	1	4	200		✓	✓		C
0819	28	3342	-02	1	5	200		✓	✓		C
											PAH 1/26/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability		Instrument Information
Target Batch ID: GGZ0	Start Date: 2/12/13	Time: 0922	ISTD Container ID:	248062	Instrument ID: G
Test Method: TO15	End Date: 2/13/13	Time: 2127	CCV Container ID:	459513	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID:	459605	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0922	GGZ001		BFB				MTP	✓	✓	MTP	
1011	02	3197	CCVIS-X		1	200			↑		
1106	03	3631	LCS-X		2				↑		
1652	04	~~46.32~~	MBCCVIS		1			✓	✓↑		OK Sec 4 lists & Cert's
1243	05	3631	LCS		2			✓	✓↑		IPA/TBA/Diox/Benzene form
1333	06	46.32	MB		3			✓	✓		OK Sec 4 lists & Cert's
1478	07	2679	200-15025-A-9	0.2	4	1000		✓	✓		
1524	08	5031	15042-A-11	0.2	5	1000		✓	↑✓		MEK / Isopropyl alc
1620	09	4908	15048-A-8	0.2	6	1000		✓	✓		
1710	10	4843	15038-A-3	1	7	200		✓	✓		
1801	11	2978	15040-A-8	1	8	200		✓	✓		
1851	12	3661	14955-A-2	619.2	9	30		✓	✓		
1941	13	3479	14955-A-3	2959.6	10	30		✓	✓		CDF 92.89
2032	14	4471	14845-A-1	20.2	11	100		✓	↑✓		acetone 1142.44
2123	15	5061	14928-A-1	1	12	200		✓	✓		↓ 10.10
2213	16	5058	↓ 2	1	13			✓	✓		
2305	17	3037	↓ 3	1	14			✓	✓		
2355	18	3324	150-9284-A-1	1	15			✓	✓		
0046	19	3276	↓ 2	1	16			✓	✓		
0130	20	2606	↓ 3	1	1			✓	✓		
0217	21	MAC	15054-1	1	2			✓	✓		
0318	22	MAC	↓ 2	1	3		↓	✓	✓		
0408	23	1024	15050-A-4	1	4			✓	✓		
0454	↓ 24	1637	15049-A-7	1	5	↓	↓	✓	✓	↓	
										MTP 2/13/13	

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15047-1

SDG No.:

Instrument ID: G.i Start Date: 02/12/2013 09:22

Analysis Batch Number: 51819 End Date: 02/13/2013 04:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51819/1		02/12/2013 09:22	1	ggzo001.d	RTX-624 0.32(mm)
ZZZZZ		02/12/2013 10:11	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 11:02	1		RTX-624 0.32(mm)
CCVIS 200-51819/4		02/12/2013 11:52	1	ggzo004.d	RTX-624 0.32(mm)
LCS 200-51819/5		02/12/2013 12:43	1	ggzo005.d	RTX-624 0.32(mm)
MB 200-51819/6		02/12/2013 13:33	1	ggzo006.d	RTX-624 0.32(mm)
ZZZZZ		02/12/2013 14:28	0.2		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 15:24	0.2		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 16:20	0.2		RTX-624 0.32(mm)
200-15047-2	5089	02/12/2013 16:20	0.2	ggzo009.d	RTX-624 0.32(mm)
ZZZZZ		02/12/2013 17:10	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 18:01	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 18:51	619.2		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 19:41	29529.6		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 20:32	20.2		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 21:23	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 22:13	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 23:05	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 23:55	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 02:27	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 03:18	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 04:59	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15100-1

SDG No.:

Instrument ID: G.i Start Date: 02/15/2013 09:10

Analysis Batch Number: 51998 End Date: 02/16/2013 07:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51998/1		02/15/2013 09:10	1	ggzr001.d	RTX-624 0.32(mm)
CCVIS 200-51998/2		02/15/2013 10:01	1	ggzr002.d	RTX-624 0.32(mm)
LCS 200-51998/3		02/15/2013 10:52	1	ggzr003.d	RTX-624 0.32(mm)
MB 200-51998/4		02/15/2013 11:42	1	ggzr004.d	RTX-624 0.32(mm)
ZZZZZ		02/15/2013 12:38	0.2		RTX-624 0.32(mm)
200-15100-10	5062	02/15/2013 13:34	0.2	ggzr006.d	RTX-624 0.32(mm)
ZZZZZ		02/15/2013 14:29	0.2		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 15:19	1		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 16:10	1.45		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 17:01	1		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 17:52	1.25		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 18:42	6		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 19:33	1		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 20:23	130		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 21:13	1		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 22:04	1		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 22:54	1		RTX-624 0.32(mm)
ZZZZZ		02/15/2013 23:45	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 00:35	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 01:25	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 02:16	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 03:07	18		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 03:57	5		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 04:47	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 05:37	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 06:28	2.99		RTX-624 0.32(mm)
ZZZZZ		02/16/2013 07:18	1		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

=51182

Sequence			Standard Traceability	Instrument Information
Target Batch ID: 662	Start Date: 1/25/13	Time: 0852	ISTD Container ID: 248062	Instrument ID: G
Test Method: TO15	End Date: 1/26/13	Time: 0852	CCV Container ID: see comments	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID: see comments	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
0852	662001	N/A	BFB	NA			LWK	AA	✓	LWK	
0950	02	4632	VIBLK		1	200			✓		
1040	03	2887	IC Level 1		2	40		N/A	✓		439935
1131	04	2887	IC Level 1		2	200			✓		439931
1221	05	2603	IC Level 2		3				✓		439920
1311	06	3640	IC Level 3		4				✓		439917
1401	07	4638/13	ICIS Level 4		5	1000			✓		439905
1451	08	3570	IC Level 5		6				✓		439907
1542	09	3643	IC Level 6		7				✓		439915
1632	10	4233	IC Level 7		8				✓		439904
1723	11	4632	VIBLK		1			✓	✓		
1813	12	2225	TCV		2			✓	✓	AHK	SS 457600 AG
1904	13	4632	VIBLK		1	200	AHK	✓	—		
1955	14	4632	LCS		3			✓	✓		AG-all94+MN 452600
2046	15	4630	MB	—	1			✓	✓	PAD	
2215	16	bag	147455-01	13.3	9	150		✓	✓		bag DF=10 ↑no target NCM
2305	17		-03	14.3	10	140		✓	✓		bag DF=10 ↑no target NCM
2356	18		-03		11	200		✓	✓		C
0046	19	4387	147416-30	1	12	200		✓	✓		C
0136	20	4223	-31	1	13			✓	✓		C
0226	21	4127	-32	1	14			✓	✓		C
0317	22	3533	-33	1	15			✓	✓		C
0408	23	3136	-34	1	16			✓	✓		C
0458	24	4572	146940-01	10	1	20		✓	✓		C
0548	25	3283	146960-3	2	2	100		✓	✓DL		C
0638	26	2975	-04	2	3	100		✓	✓DL		C
0729	27	4464	146947-01	1	4	200		✓	✓		C
0819	28	3342	-02	1	5	200		✓	✓		C
											RAD 1/26/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence				Standard Traceabillty		Instrument Information
Target Batch ID: GG72R	Start Date: 2/15/13	Time: 0910		ISTD Container ID: 2480602		Instrument ID: G
Test Method: TO15	End Date: 2/16/13	Time: 0910		CCV Container ID: 459513		Instrument: 5973
ICAL Date: 1/25/13				ICV/LCS Container ID: 459605		Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*						

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0910	GG72R01	1	BFB				MTP		✓	MTP	
~~0910~~	02	3197	CCVES		1	200		✓	✓		
1053	03	3631	LCS		2			✓	✓		Propene/DCDFCH2Cl2/1,2DC-1,2D
1142	04	4632	MB		3			✓	✓		Acet/Meoh/1,2,3 TCB
1238	05	5109	15040-4	0.2	1	1000		✓	✓		
1334	06	5052	L5100-10	0.2	-2	1000		✓	✓		
~~1430~~	07	4147	14948-2	1	3	200		✓	✓		
1610	08	3256	14951-2	1.45	4			✓	✓		
1701	09	3398	4	1	5			✓	✓	AHK	C CDF 1.45
1752	10	4065	6	1.25	6			✓	✓	MTP	
1842	11	4356	15008-1	60	7	33		✓	✓		
1933	12	3333	2	1	8	200		✓	✓		CDF 1.25
2023	13	4544	3	130	9	30		✓	✓		
2113	14	3366	4	1	10	200		✓	✓		CDF 19.55
2204	15	35152	5	1	11			✓	✓		R TCE62/cis 47
2254	16	25034	15035-1	1	12			✓	✓		
2345	17	4334	2	1	13			✓	✓		
0035	18	5029	3	1	14			✓	✓		
0125	19	4014	4	1	15			✓	✓		
0216	20	4355	5	1	16			✓	✓		
1429	21	3153	15101-4	0.2	12	1000		✓	✓	AHK	C
0307	22	(lab)	15106-01	18.0	1	111	AHK	✓	✓	MTP	big DF 10
0357	23	3246	450-9252-02	5	2	40		✓	✓		R
0447	24	3327	450-9243-01	1	3	200		✓	✓		
0537	25	2583	-02	1	4	200		✓	✓		
0627	26	3468	-03	299	5	67		✓	✓		
0718	27	4372	-04	1	6	200		✓	✓		
	28										
					-						

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

MTP 2/18/13

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03/27/2013

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Instrument ID: G.i Start Date: 02/18/2013 08:39

Analysis Batch Number: 52056 End Date: 02/19/2013 06:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52056/1		02/18/2013 08:39	1	ggzs001.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 09:36	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 10:26	1		RTX-624 0.32(mm)
CCVIS 200-52056/4		02/18/2013 11:17	1	ggzs004.d	RTX-624 0.32(mm)
LCS 200-52056/5		02/18/2013 12:08	1	ggzs005.d	RTX-624 0.32(mm)
MB 200-52056/6		02/18/2013 12:59	1	ggzs006.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 13:56	0.2		RTX-624 0.32(mm)
200-15118-6	5075	02/18/2013 14:52	0.2	ggzs008.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 15:48	0.2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 16:39	2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 17:29	8783		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 18:19	273		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 19:09	10.6		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 19:59	22.4		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 20:49	2.27		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 21:40	10		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 22:30	10		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 23:20	10		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 00:10	10		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 01:00	20.6		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 01:50	196		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 02:41	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 03:32	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 04:22	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 05:12	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:02	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:53	1		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

=51182

Sequence			Standard Traceability	Instrument Information
Target Batch ID: GGZ	Start Date: 1/25/13	Time: 0852	ISTD Container ID: 248062	Instrument ID: G
Test Method: TO15	End Date: 1/26/13	Time: 0852	CCV Container ID: See comments	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID: See comments	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0852	[illegible]001	N/A	BFB	NA			WHO	AA	✓	WHO	
0950	02	4682	VIBLK		1	200		✓	✓		
1040	03	2887	IC 0.2		2	40		N/A	✓		439935
1131	04	2887	IC 0.4		2	200			✓		439930
1221	05	2603	IC 0.2		3				✓		439920
1311	06	3640	IC Level 3		4				✓		439912
1401	07	4636/3	ICIS Level 4		5	400			✓		439905
1451	08	3510	IC Level 5		6				✓		439907
1542	09	3643	IC Level 6		7				✓		439900
1632	10	4233	IC Level 7		8				✓		439905
1723	11	4636	VIBLK		1			✓	✓		439914
1813	12	2225	TCV		9			✓	✓	AHK	
1904	13	4632	InhBlk			200	ALHK	✓	—		≠ 452600 AG
1955	14	[illegible]	LCS		8			✓	✓		
2046	15	4620	MW3	1	1			✓	✓	PAH	AG-all 4th MW 452600
2215	16	bag	147415-01	13.3	9	150		✓	✓		
2305	17		-02	14.3	10	140		✓	✓		bag DF=10 ↑ no target NCM
2356	18		-03	1	11	200		✓	✓		bag DF=10 ↑ no target NCM C
0046	19	4397	147416-30	1	12	200		✓	✓		C
0136	20	4223	-31	1	13			✓	✓		C
0226	21	4127	-32	1	14			✓	✓		C
0317	22	3533	-33	1	15			✓	✓		C
0408	23	5136	-34	1	16			✓	✓		C
0458	24	4577	146410-01	10	1	20		✓	✓		C
0548	25	3283	146480-03	2	2	100		✓	✓ DL		C
0638	26	2975	-04	2	3	100		✓	✓ DL		C
0729	27	4464	146447-01 [illegible]	1	4	200		✓	✓		C
0819	28	3942	-02	1	5	200		✓	✓		C
											PAH 1/26/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability		Instrument Information
Target Batch ID: GGZS	Start Date: 2/18/13	Time: 0839	ISTD Container ID:	243062	Instrument ID: G
Test Method: TO15	End Date: 2/19/13	Time: 0839	CCV Container ID:	459513	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID:	459005	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

BFB 5205.6

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0839	GGZ501		BFB				MTP	✓	✓	MTD	
0936	02	3197	CCV1S-X		1	200		✓	↑ ↓		
1026	03	3631	LCS-X		2			✓	✓		
1117	04	3197	CCV1S		1			✓	✓		1A-G
1208	05	3631	LCS		2			✓	✓		High Some low IPA/Vlox ↑ Low low
1259	06	4632	MB		3			✓	✓		
1350	07	5079	15073-9	0.2	4	1000		✓	✓		
1452	08	5015	15118-6	↓	1			✓	✓		
1548	09	3095	15109-6		2	↓		✓	✓		
1639	10	3366	15008-4	↓	3	200		✓	✓		
1729	11	5022	14950-1	87.83	4 DL	33		✓	✓		
1819	12	4474	↓ 6	27.3	5	25		✓	↑		Cal 1449-5
1909	13	2562 MTP 2/18/13	↓ 9	10.6	6	70		✓	✓		R PCE47 38.45
1959	14	4076 2562	↓ 9	22.4	6	33		✓	✓		3.70
2049	15	4076	14975-1	2.27	7	200		✓	✓		R 3.70
2140	16	5074	14977-1	10	8	20		✓	✓		↓ 2.27
2230	17	3291	↓ 2	10	9	20		✓	✓		
2320	18	5073	↓ 3	10	10	20		✓	✓		
0010	19	3276	15003-1	10	11	20		✓	✓		
0100	20	4963	↓ 2	20.6	12	50		✓	✓		
0150	21	2893	15006-1	196	13	40		✓	✓		Cal 5.15
0241	22	2583	15051-1	1	14	200		✓	✓		↓ 39.13
0332	23	4115	↓ 2	1	15	↓		✓	✓		
0422	24	5068	↓ 3	1	16			✓	✓		
0512	25	5123	↓ 4	1	1	↓		✓	✓		
0602	26	5046	15068-1	1	2	350	LWD	✓	↑		R MAP 170
0653	↓ 27	2947	L -3	1	3	1	1	✓	✓		
											MTP 2/19/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Instrument ID: C.i Start Date: 02/03/2013 12:45

Analysis Batch Number: 51508 End Date: 02/04/2013 09:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51508/1		02/03/2013 12:45	1	c1f001.d	RTX-624 0.32(mm)
VIBLK 200-51508/2		02/03/2013 13:39	1		RTX-624 0.32(mm)
IC 200-51508/3		02/03/2013 14:32	1	c1f003.d	RTX-624 0.32(mm)
IC 200-51508/4		02/03/2013 15:25	1	c1f004.d	RTX-624 0.32(mm)
IC 200-51508/5		02/03/2013 16:17	1	c1f005.d	RTX-624 0.32(mm)
IC 200-51508/6		02/03/2013 17:09	1	c1f006.d	RTX-624 0.32(mm)
ICIS 200-51508/7		02/03/2013 18:02	1	c1f007.d	RTX-624 0.32(mm)
IC 200-51508/8		02/03/2013 18:55	1	c1f008.d	RTX-624 0.32(mm)
IC 200-51508/9		02/03/2013 19:47	1	c1f009.d	RTX-624 0.32(mm)
IC 200-51508/10		02/03/2013 20:40	1	c1f010.d	RTX-624 0.32(mm)
VIBLK 200-51508/11		02/03/2013 21:33	1		RTX-624 0.32(mm)
ZZZZZ		02/03/2013 22:25	1		RTX-624 0.32(mm)
VIBLK 200-51508/13		02/03/2013 23:18	1		RTX-624 0.32(mm)
ZZZZZ		02/04/2013 08:52	1		RTX-624 0.32(mm)
ICV 200-51508/15		02/04/2013 09:47	1	c1f015.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Instrument ID: C.i Start Date: 02/18/2013 09:11

Analysis Batch Number: 52061 End Date: 02/19/2013 09:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52061/1		02/18/2013 09:11	1	c1fo001.d	RTX-624 0.32(mm)
CCVIS 200-52061/2		02/18/2013 10:17	1		RTX-624 0.32(mm)
CCVIS 200-52061/3		02/18/2013 11:09	1	c1fo003.d	RTX-624 0.32(mm)
LCS 200-52061/4		02/18/2013 12:01	1	c1fo004.d	RTX-624 0.32(mm)
MB 200-52061/5		02/18/2013 12:54	1	c1fo005.d	RTX-624 0.32(mm)
200-15120-9	2639	02/18/2013 13:47	0.2	c1fo006.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 14:41	0.2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 15:33	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 16:26	0.2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 17:51	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 18:43	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 19:36	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 20:28	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 21:21	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 22:13	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 23:06	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 23:58	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 00:50	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 01:42	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 02:35	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 03:28	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 04:20	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 05:13	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:05	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:58	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 07:51	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 08:43	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 09:37	0.2		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

Sequence		Standard Traceability	Instrument Information
Target Batch ID: LF	Start Date: 2/3/13 Time: 1245	ISTD Container ID: 248052	Instrument ID: C
Test Method: TO15/TO15SIM	End Date: 2/4/13 Time: 1245	CCV Container ID: see comment	Instrument: 5973
ICAL Date:		ICV/LCS Container ID: see comment	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Mark Phillips MTP William DeSantis WND

Mark Phillips

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
1245	CLP001		BFB	AA			WND	AA		WND	
1339	01	4632	VTBLK		1	200		✓			
1432	02	2572	IC Level		2	40			✓		45-5326
1525	04	2572	IC Level		2	200			✓		455326
1617	05	2573	IC Level		3	200			✓		455326
1709	06	3797	IC Level		9	100			✓		455-3263
1802	07	3797	ICIS		4	200			✓		45-4353
1855	08	4086	IC Level		5	200			✓		45-4353
1947	09	5015	IC Level		6	200			✓		455313
2040	10	4233	IC Level		7	200			✓		455814
2133	11	4632	VTBLK		1	200					4339 CA
2225	12	2571	ICV natural		8	200					
2318	13	4632	VTBLK		1	200					45388-3
0852	14	2571	ICV natural		8	200		✓			
0947	15	2571	ICV		8	200		✓	✓		45388-3
											45388-3

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability		Instrument Information
Target Batch ID: CLP0	Start Date: 2/18/13	Time: 0911	ISTD Container ID:	248052	Instrument ID: C
Test Method: TO15	End Date: 2/19/13	Time: 0911	CCV Container ID:	161423	Instrument: 5973
ICAL Date: 51508			ICV/LCS Container ID:	459607	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*					

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0911	CLP0001		BFB	NA			UDW	NA	NA	UDW	
1017	02	3510			2	200		NA	↓		Valve closed
1109	03	3510	CCV03	1	2	1	1	NA	✓		
1202	04		LCS	1	3	1	1	✓	✓		124TCB, Hexane, 4,4'-DL AC.
1254	05	4632	MB	1	4	1	1	✓	✓		
1343	06	2635	15120-9	0.2	5	1000	1	✓	✓		
1441	07	3314	15123-5	1	6	1	1	✓	✓		
1533	08	3578	15087-9	1	7	200	1	✓	↑		PCE
1251	10	4561	-10	1	8	1	1	✓	✓		
1842	11	4420	-11	1	9	1	1	✓	✓		
1936	12	4407	-12	1	10	1	1	✓	✓		
2028	13		Condition	NA	1	200	1	✓	—		
2124	14	4803	15087-1	1	11	200	1	✓	✓		
2213	15	2906	-2	1	12	1	1	✓	✓		
2300	16	3346	15114-1	1	13	200	1	✓	✓		
2358	17	4365	-2	1	14		1	✓	✓		
0050	18	5136	-3	1	15	1	1	✓	✓		
0142	19	5113	-5	1	16	1	1	✓	✓		
0233	20		Condition	NA	1	200	1	✓	✓		
1626	09	5085	15136-2	0.2	5	1000	1	✓	✓		
0325	21	4808	15114-6	1	2	200	1	✓	✓		
0420	22	3434	-7	1	3	1	1	✓	✓		
0513	23	4285	-8	1	4	1	1	✓	✓		
0605	24	3623	15PB-7	1	5	200	1	↓	R		
0658	25	4749	-8	1	6	1	1	✓	✓		
0751	26	3661	-9	1	7	1	1	✓	✓		
0843	27	5072	-10	1	8	1	1	✓	✓		
	28	4297	-11	1	9	1	1				
0937	29	3314	15PB-5	0.2	9	1000	1		R	N/A	continuation log

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

Shipping and Receiving Documents

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Sara Goff Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2013	Time	MATRIX	SMCODE	SED/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101HA	774VMP-1	2.21	1100	GS	AC	0/0	N	-29	-3	1	1	1	Canister # 3036
774VMP0201HA	774VMP-2	2.21	1030	GS	AC	0/0	N	-30	-5	1	1	1	Canister # 4357
774VMP0301HA	774VMP-3	2.21	1035	GS	AC	0/0	N	-30	-1.5	1	1	1	Canister # 2726
776VMP0201HC	776VMP-2	2.21	1206	GS	AC	0/0	N	-28	-1.5	1	1	1	Canister # 4072
776VMP0101HA	776VMP-1	2.21	1220	GS	AC	0/0	N	-30	-2	1	1	1	Canister # 4571
776VMP0201HA	776VMP-2	2.21	1205	GS	AC	0/0	N	-30	-1.5	1	1	1	Canister # 4348
776VMP0301HA	776VMP-3	2.21	1230	GS	AC	0/0	N	-30	-1	1	1	1	Canister # 5062
774IA1IA	774-IA	2.21	0855	GS	AC	0/0	N	-30	-12	1	1	1	Canister # 3333
774776OA1IA	774776-OA	2.21	0900	GS	AC	0/0	N	-28.5	-8	1	1	1	Canister # 4475
776IA1HA	776-IA	2.21	0850	GS	AC	0/0	N	-30	-8	1	1	1	Canister # 3708

Sample Condition Upon Receipt at Laboratory:
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0
Note 1: VOC: Method TO-15 Full List
ANALYSIS NOTE 1: Cat B package required.

Cooler Temperature:

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 2-21	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig)	Date:	#2 Received by: (Sig)	Date: 2/22/13	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time:	Company Name: TA BLR	Time: 1030	Company Name:	Time:

MATRIX
WG = Ground water

SMCODE
B = Bailer

SACODE
N = Normal Sample

WQ = Water Quality Control Matrix
SO = Soil
GS = Gas Soil

G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
AC = Air Container

AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-39218-1

Login Number: 39218

List Source: TestAmerica Denver

List Number: 1

Creator: Dedio, Michael T

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	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 containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-39218-1

Login Number: 39218
List Number: 1
Creator: Gagne, Eric

List Source: TestAmerica Burlington
List Creation: 02/25/13 02:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	720385, 386, 387, 418292, 468451, 452, 461 & 469
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39902-1

Job Description: Griffiss AFB Soil Vapor

For:
FPM Remediations Inc
584 Phoenix Drive
Rome, NY 13441

Attention: Daniel Baldyga

Approved for release.
Elaine Walker
Project Manager I
4/9/2013 2:23 PM

Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
04/09/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-39902-1

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

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

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

RECEIPT

Ten samples were received at TestAmerica Burlington on 03/14/2013. The samples arrived in good condition and properly preserved.

VOLATILE ORGANIC COMPOUNDS - TO-15

Samples 786VMP0102HA (280-39902-1), 786VMP0202HA (280-39902-2), 786VMP0302HA (280-39902-3), 785IA09 (280-39902-4), 786IA08 (280-39902-5), 785786OA05 (280-39902-6), 785VMP0202IA (280-39902-7), 785VMP0401HA (280-39902-8), 785VMP0501FA (280-39902-9), and 786VMP0102HC (280-39902-10) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 04/01/2013 and 04/02/2013.

Samples 786VMP0202HA (280-39902-2), 785VMP0202IA (280-39902-7), 785VMP0401HA (280-39902-8), and 785VMP0501FA (280-39902-9) required dilutions prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the TO15 analyses.

All quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53637

Lab Sample ID: IC 200-53637/3 Client Sample ID:

Date Analyzed: 03/29/13 10:37 Lab File ID: clm003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	4.42	Peak not found by the data system	wrd	03/29/13 20:37
Carbon tetrachloride	11.76	Peak not found by the data system	wrd	03/29/13 20:38
Tetrachloroethene	16.71	Peak not found by the data system	wrd	03/29/13 20:38

Lab Sample ID: IC 200-53637/4 Client Sample ID:

Date Analyzed: 03/29/13 11:31 Lab File ID: clm004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.94	Baseline event	wrd	03/29/13 20:39
Methyl tert-butyl ether	8.71	Baseline event	wrd	03/29/13 20:40
n-Hexane	9.14	Baseline event	wrd	03/29/13 20:40
1,2-Dichloroethane	12.28	Peak not found by the data system	wrd	03/29/13 20:40
Methyl methacrylate	13.97	Baseline event	wrd	03/29/13 20:41
cis-1,3-Dichloropropene	15.12	Baseline event	wrd	03/29/13 20:41
n-Octane	15.81	Baseline event	wrd	03/29/13 20:41
Methyl Butyl Ketone (2-Hexanone)	16.96	Baseline event	wrd	03/29/13 20:42
n-Nonane	18.78	Baseline event	wrd	03/29/13 20:42

Lab Sample ID: IC 200-53637/5 Client Sample ID:

Date Analyzed: 03/29/13 12:23 Lab File ID: clm005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	11.53	Baseline event	wrd	03/29/13 20:46
n-Nonane	18.78	Baseline event	wrd	03/29/13 20:46
Styrene	19.68	Baseline event	wrd	03/29/13 20:47

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53637

Lab Sample ID: IC 200-53637/6 Client Sample ID:

Date Analyzed: 03/29/13 13:16 Lab File ID: clm006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	03/29/13 20:48
Acetonitrile	7.95	Baseline event	wrd	03/29/13 20:48

Lab Sample ID: ICIS 200-53637/7 Client Sample ID:

Date Analyzed: 03/29/13 14:09 Lab File ID: clm007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	03/29/13 20:49
Acetonitrile	7.96	Baseline event	wrd	03/29/13 20:50

Lab Sample ID: IC 200-53637/8 Client Sample ID:

Date Analyzed: 03/29/13 15:01 Lab File ID: clm008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	03/29/13 20:51
Acetonitrile	7.95	Baseline event	wrd	03/29/13 20:51

Lab Sample ID: IC 200-53637/9 Client Sample ID:

Date Analyzed: 03/29/13 15:54 Lab File ID: clm009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	03/29/13 20:52
Acetonitrile	7.96	Baseline event	wrd	03/29/13 20:53

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53637

Lab Sample ID: IC 200-53637/10 Client Sample ID:

Date Analyzed: 03/29/13 16:47 Lab File ID: clm010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	03/29/13 20:54
Acetonitrile	7.96	Baseline event	wrd	03/29/13 20:54

Lab Sample ID: ICV 200-53637/13 Client Sample ID:

Date Analyzed: 03/29/13 19:26 Lab File ID: clm013.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	03/29/13 21:01
Acetonitrile	7.96	Baseline event	wrd	03/29/13 21:01
Ethyl acetate	10.75	Poor chromatography	jd1	04/01/13 10:04

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53730

Lab Sample ID: CCVIS 200-53730/2 Client Sample ID:

Date Analyzed: 04/01/13 09:44 Lab File ID: clmb002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	04/02/13 08:33
Acetonitrile	7.95	Baseline event	wrd	04/02/13 08:34

Lab Sample ID: LCS 200-53730/3 Client Sample ID:

Date Analyzed: 04/01/13 10:37 Lab File ID: clmb003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.93	Baseline event	wrd	04/02/13 08:35

Lab Sample ID: 280-39902-1 Client Sample ID: 786VMP0102HA

Date Analyzed: 04/01/13 12:23 Lab File ID: clmb005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Styrene	19.68	Analyte misidentified by the data system	wrd	04/01/13 14:26

Lab Sample ID: 280-39902-4 Client Sample ID: 785IA09

Date Analyzed: 04/01/13 14:09 Lab File ID: clmb007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	11.52	Baseline event	wrd	04/01/13 15:10

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53730

Lab Sample ID: 280-39902-5 Client Sample ID: 786IA08

Date Analyzed: 04/01/13 15:02 Lab File ID: clmb008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	7.12	Analyte misidentified by the data system	wrd	04/01/13 16:22
Methylene Chloride	8.21	Baseline event	wrd	04/01/13 16:22
Carbon tetrachloride	11.76	Baseline event	wrd	04/01/13 16:23

Lab Sample ID: 280-39902-6 Client Sample ID: 785786OA05

Date Analyzed: 04/01/13 15:55 Lab File ID: clmb009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	6.01	Baseline event	wrd	04/02/13 08:37
Carbon tetrachloride	11.77	Baseline event	wrd	04/02/13 08:37

Lab Sample ID: 280-39902-10 Client Sample ID: 786VMP0102HC

Date Analyzed: 04/01/13 16:47 Lab File ID: clmb010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon tetrachloride	11.76	Baseline event	wrd	04/02/13 08:39
2,2,4-Trimethylpentane	12.20	Baseline event	wrd	04/02/13 08:39
m,p-Xylene	18.83	Baseline event	wrd	04/02/13 08:40
Xylene, o-	19.63	Baseline event	wrd	04/02/13 08:40

Lab Sample ID: 280-39902-2 Client Sample ID: 786VMP0202HA

Date Analyzed: 04/01/13 18:33 Lab File ID: clmb012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon tetrachloride	11.76	Baseline event	wrd	04/02/13 08:48

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53730

Lab Sample ID: 280-39902-7 Client Sample ID: 785VMP0202IA

Date Analyzed: 04/01/13 19:26 Lab File ID: clmb013.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.39	Baseline event	wrd	04/02/13 08:50
Carbon tetrachloride	11.75	Baseline event	wrd	04/02/13 08:51
Tetrachloroethene	16.70	Baseline event	wrd	04/02/13 08:52
Xylene, o-	19.63	Baseline event	wrd	04/02/13 08:52

Lab Sample ID: 280-39902-8 Client Sample ID: 785VMP0401HA

Date Analyzed: 04/01/13 20:18 Lab File ID: clmb014.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	8.20	Baseline event	wrd	04/02/13 08:54
Carbon tetrachloride	11.76	Baseline event	wrd	04/02/13 08:55
Benzene	12.16	Baseline event	wrd	04/02/13 08:55
Tetrachloroethene	16.72	Baseline event	wrd	04/02/13 08:55
Styrene	19.66	Baseline event	wrd	04/02/13 08:56

Lab Sample ID: 280-39902-2 DL Client Sample ID: 786VMP0202HA DL

Date Analyzed: 04/01/13 22:04 Lab File ID: clmb016.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	6.00	Baseline event	wrd	04/02/13 08:59

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53730

Lab Sample ID: 280-39902-7 DL Client Sample ID: 785VMP0202IA DL

Date Analyzed: 04/01/13 22:57 Lab File ID: clmb017.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Hexane	9.15	Baseline event	wrd	04/02/13 09:01
2,2,4-Trimethylpentane	12.19	Baseline event	lyonsb	04/02/13 11:49
Xylene, o-	19.63	Baseline event	wrd	04/02/13 09:02

Lab Sample ID: 280-39902-8 DL Client Sample ID: 785VMP0401HA DL

Date Analyzed: 04/01/13 23:50 Lab File ID: clmb018.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2,4-Trimethylpentane	12.19	Baseline event	lyonsb	04/02/13 11:50
Xylene, o-	19.62	Baseline event	wrd	04/02/13 09:04

Lab Sample ID: 280-39902-9 DL Client Sample ID: 785VMP0501FA DL

Date Analyzed: 04/02/13 00:43 Lab File ID: clmb019.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Xylene, o-	19.62	Baseline event	wrd	04/02/13 09:06

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39902-1	786VMP0102HA	Air	03/06/2013 1430	03/14/2013 1010
280-39902-2	786VMP0202HA	Air	03/06/2013 1440	03/14/2013 1010
280-39902-3	786VMP0302HA	Air	03/06/2013 1420	03/14/2013 1010
280-39902-4	785IA09	Air	03/06/2013 0725	03/14/2013 1010
280-39902-5	786IA08	Air	03/06/2013 0720	03/14/2013 1010
280-39902-6	785786OA05	Air	03/06/2013 0730	03/14/2013 1010
280-39902-7	785VMP0202IA	Air	03/06/2013 1540	03/14/2013 1010
280-39902-8	785VMP0401HA	Air	03/06/2013 1550	03/14/2013 1010
280-39902-9	785VMP0501FA	Air	03/06/2013 1600	03/14/2013 1010
280-39902-10	786VMP0102HC	Air	03/06/2013 1431	03/14/2013 1010

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-1	**786VMP0102HA**					
Dichlorodifluoromethane		0.50		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5		2.5	ug/m3	TO-15
Freon 22		0.22	J	0.50	ppb v/v	TO-15
Freon 22		0.77	J	1.8	ug/m3	TO-15
Chloromethane		0.096	J	0.50	ppb v/v	TO-15
Chloromethane		0.20	J	1.0	ug/m3	TO-15
n-Butane		0.34	J	0.50	ppb v/v	TO-15
n-Butane		0.82	J	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.23		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.083	J	0.20	ppb v/v	TO-15
Freon TF		0.64	J	1.5	ug/m3	TO-15
Acetone		5.0		5.0	ppb v/v	TO-15
Acetone		12		12	ug/m3	TO-15
Isopropyl alcohol		40		5.0	ppb v/v	TO-15
Isopropyl alcohol		98		12	ug/m3	TO-15
Methylene Chloride		0.16	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.55	J	1.7	ug/m3	TO-15
n-Hexane		3.8		0.20	ppb v/v	TO-15
n-Hexane		13		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.4		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		4.1		1.5	ug/m3	TO-15
Cyclohexane		2.5		0.20	ppb v/v	TO-15
Cyclohexane		8.7		0.69	ug/m3	TO-15
2,2,4-Trimethylpentane		1.5		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		7.0		0.93	ug/m3	TO-15
n-Heptane		0.96		0.20	ppb v/v	TO-15
n-Heptane		3.9		0.82	ug/m3	TO-15
Trichloroethene		1.1		0.20	ppb v/v	TO-15
Trichloroethene		5.6		1.1	ug/m3	TO-15
Toluene		0.98		0.20	ppb v/v	TO-15
Toluene		3.7		0.75	ug/m3	TO-15
Tetrachloroethene		0.074	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.50	J	1.4	ug/m3	TO-15
Ethylbenzene		0.20		0.20	ppb v/v	TO-15
Ethylbenzene		0.89		0.87	ug/m3	TO-15
m,p-Xylene		0.78		0.50	ppb v/v	TO-15
m,p-Xylene		3.4		2.2	ug/m3	TO-15
Xylene, o-		0.29		0.20	ppb v/v	TO-15
Xylene, o-		1.3		0.87	ug/m3	TO-15
Xylene (total)		1.1		0.20	ppb v/v	TO-15
Xylene (total)		4.6		0.87	ug/m3	TO-15
Styrene		0.047	J M	0.20	ppb v/v	TO-15
Styrene		0.20	J M	0.85	ug/m3	TO-15
4-Ethyltoluene		0.059	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.29	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,3,5-Trimethylbenzene		0.067	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.33	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.21		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.0		0.98	ug/m3	TO-15
1,3-Dichlorobenzene		2.8		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		17		1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-2	**786VMP0202HA**					
Dichlorodifluoromethane		0.55		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		0.28	J	0.50	ppb v/v	TO-15
Freon 22		0.98	J	1.8	ug/m3	TO-15
n-Butane		0.55		0.50	ppb v/v	TO-15
n-Butane		1.3		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.26		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.098	J	0.20	ppb v/v	TO-15
Freon TF		0.75	J	1.5	ug/m3	TO-15
Acetone		11		5.0	ppb v/v	TO-15
Acetone		25		12	ug/m3	TO-15
Isopropyl alcohol		70		13	ppb v/v	TO-15
Isopropyl alcohol		170		31	ug/m3	TO-15
Methylene Chloride		0.24	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.83	J	1.7	ug/m3	TO-15
n-Hexane		4.2		0.20	ppb v/v	TO-15
n-Hexane		15		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.4		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		7.0		1.5	ug/m3	TO-15
Chloroform		0.48		0.20	ppb v/v	TO-15
Chloroform		2.4		0.98	ug/m3	TO-15
Cyclohexane		2.6		0.20	ppb v/v	TO-15
Cyclohexane		9.1		0.69	ug/m3	TO-15
Carbon tetrachloride		0.065	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.41	J M	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		1.5		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		6.8		0.93	ug/m3	TO-15
Benzene		0.21		0.20	ppb v/v	TO-15
Benzene		0.66		0.64	ug/m3	TO-15
n-Heptane		0.90		0.20	ppb v/v	TO-15
n-Heptane		3.7		0.82	ug/m3	TO-15
Trichloroethene		1.2		0.20	ppb v/v	TO-15
Trichloroethene		6.3		1.1	ug/m3	TO-15
Toluene		1.4		0.20	ppb v/v	TO-15
Toluene		5.2		0.75	ug/m3	TO-15
Ethylbenzene		0.37		0.20	ppb v/v	TO-15
Ethylbenzene		1.6		0.87	ug/m3	TO-15
m,p-Xylene		1.4		0.50	ppb v/v	TO-15
m,p-Xylene		6.3		2.2	ug/m3	TO-15
Xylene, o-		0.51		0.20	ppb v/v	TO-15
Xylene, o-		2.2		0.87	ug/m3	TO-15
Xylene (total)		2.0		0.20	ppb v/v	TO-15
Xylene (total)		8.5		0.87	ug/m3	TO-15
4-Ethyltoluene		0.075	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.37	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,3,5-Trimethylbenzene		0.089	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.44	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.29		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.4		0.98	ug/m3	TO-15
1,3-Dichlorobenzene		4.7		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		28		1.2	ug/m3	TO-15
280-39902-3	**786VMP0302HA**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.28	J	0.50	ppb v/v	TO-15
Freon 22		0.98	J	1.8	ug/m3	TO-15
Chloromethane		0.098	J	0.50	ppb v/v	TO-15
Chloromethane		0.20	J	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.25		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.078	J	0.20	ppb v/v	TO-15
Freon TF		0.60	J	1.5	ug/m3	TO-15
Acetone		7.1		5.0	ppb v/v	TO-15
Acetone		17		12	ug/m3	TO-15
Isopropyl alcohol		14		5.0	ppb v/v	TO-15
Isopropyl alcohol		34		12	ug/m3	TO-15
n-Hexane		0.83		0.20	ppb v/v	TO-15
n-Hexane		2.9		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.2		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.5		1.5	ug/m3	TO-15
Tetrahydrofuran		3.8	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		11	J	15	ug/m3	TO-15
Cyclohexane		1.0		0.20	ppb v/v	TO-15
Cyclohexane		3.6		0.69	ug/m3	TO-15
Benzene		0.23		0.20	ppb v/v	TO-15
Benzene		0.74		0.64	ug/m3	TO-15
Trichloroethene		0.33		0.20	ppb v/v	TO-15
Trichloroethene		1.8		1.1	ug/m3	TO-15
Toluene		0.054	J	0.20	ppb v/v	TO-15
Toluene		0.20	J	0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-4	**785IA09**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.28	J	0.50	ppb v/v	TO-15
Freon 22		1.0	J	1.8	ug/m3	TO-15
Chloromethane		0.60		0.50	ppb v/v	TO-15
Chloromethane		1.2		1.0	ug/m3	TO-15
n-Butane		0.56		0.50	ppb v/v	TO-15
n-Butane		1.3		1.2	ug/m3	TO-15
1,3-Butadiene		0.15	J	0.20	ppb v/v	TO-15
1,3-Butadiene		0.32	J	0.44	ug/m3	TO-15
Trichlorofluoromethane		0.25		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.085	J	0.20	ppb v/v	TO-15
Freon TF		0.65	J	1.5	ug/m3	TO-15
Acetone		3.9	J	5.0	ppb v/v	TO-15
Acetone		9.3	J	12	ug/m3	TO-15
Methyl Ethyl Ketone		0.38	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.1	J	1.5	ug/m3	TO-15
Cyclohexane		0.21	M	0.20	ppb v/v	TO-15
Cyclohexane		0.74	M	0.69	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-5	**786IA08**					
Dichlorodifluoromethane		0.60		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.0		2.5	ug/m3	TO-15
Freon 22		0.32	J	0.50	ppb v/v	TO-15
Freon 22		1.1	J	1.8	ug/m3	TO-15
Chloromethane		0.84		0.50	ppb v/v	TO-15
Chloromethane		1.7		1.0	ug/m3	TO-15
n-Butane		1.4		0.50	ppb v/v	TO-15
n-Butane		3.2		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.28		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.6		1.1	ug/m3	TO-15
Freon TF		0.089	J M	0.20	ppb v/v	TO-15
Freon TF		0.68	J M	1.5	ug/m3	TO-15
Acetone		8.8		5.0	ppb v/v	TO-15
Acetone		21		12	ug/m3	TO-15
Isopropyl alcohol		0.44	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.1	J	12	ug/m3	TO-15
Methylene Chloride		0.20	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.69	J M	1.7	ug/m3	TO-15
n-Hexane		2.3		0.20	ppb v/v	TO-15
n-Hexane		8.2		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.3		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.8		1.5	ug/m3	TO-15
Carbon tetrachloride		0.079	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.50	J M	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.52		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		2.4		0.93	ug/m3	TO-15
Benzene		0.24		0.20	ppb v/v	TO-15
Benzene		0.77		0.64	ug/m3	TO-15
n-Heptane		0.30		0.20	ppb v/v	TO-15
n-Heptane		1.2		0.82	ug/m3	TO-15
Toluene		0.26		0.20	ppb v/v	TO-15
Toluene		0.98		0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-6	**785786OA05**					
Dichlorodifluoromethane		0.55		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		0.26	J	0.50	ppb v/v	TO-15
Freon 22		0.92	J	1.8	ug/m3	TO-15
Chloromethane		0.67		0.50	ppb v/v	TO-15
Chloromethane		1.4		1.0	ug/m3	TO-15
n-Butane		0.60		0.50	ppb v/v	TO-15
n-Butane		1.4		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.25	M	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	M	1.1	ug/m3	TO-15
Acetone		1.7	J	5.0	ppb v/v	TO-15
Acetone		4.0	J	12	ug/m3	TO-15
Carbon tetrachloride		0.086	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.54	J M	1.3	ug/m3	TO-15
Benzene		0.24		0.20	ppb v/v	TO-15
Benzene		0.78		0.64	ug/m3	TO-15
Toluene		0.15	J	0.20	ppb v/v	TO-15
Toluene		0.55	J	0.75	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-7	**785VMP0202IA**					
Dichlorodifluoromethane		0.46	J	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.3	J	2.5	ug/m3	TO-15
Freon 22		0.23	J	0.50	ppb v/v	TO-15
Freon 22		0.81	J	1.8	ug/m3	TO-15
Chloromethane		0.10	J	0.50	ppb v/v	TO-15
Chloromethane		0.21	J	1.0	ug/m3	TO-15
n-Butane		0.22	J M	0.50	ppb v/v	TO-15
n-Butane		0.52	J M	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.079	J	0.20	ppb v/v	TO-15
Freon TF		0.61	J	1.5	ug/m3	TO-15
Acetone		1.9	J	5.0	ppb v/v	TO-15
Acetone		4.5	J	12	ug/m3	TO-15
Isopropyl alcohol		190	D	50	ppb v/v	TO-15
Isopropyl alcohol		470	D	120	ug/m3	TO-15
n-Hexane		2.8		0.20	ppb v/v	TO-15
n-Hexane		9.8		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.2		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		6.3		1.5	ug/m3	TO-15
Cyclohexane		2.0		0.20	ppb v/v	TO-15
Cyclohexane		6.8		0.69	ug/m3	TO-15
Carbon tetrachloride		0.070	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.44	J M	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		1.2		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		5.8		0.93	ug/m3	TO-15
n-Heptane		0.83		0.20	ppb v/v	TO-15
n-Heptane		3.4		0.82	ug/m3	TO-15
Trichloroethene		0.13	J	0.20	ppb v/v	TO-15
Trichloroethene		0.68	J	1.1	ug/m3	TO-15
Toluene		2.0		0.20	ppb v/v	TO-15
Toluene		7.5		0.75	ug/m3	TO-15
Tetrachloroethene		0.086	J M	0.20	ppb v/v	TO-15
Tetrachloroethene		0.58	J M	1.4	ug/m3	TO-15
Ethylbenzene		0.41		0.20	ppb v/v	TO-15
Ethylbenzene		1.8		0.87	ug/m3	TO-15
m,p-Xylene		1.6		0.50	ppb v/v	TO-15
m,p-Xylene		6.8		2.2	ug/m3	TO-15
Xylene, o-		0.56	M	0.20	ppb v/v	TO-15
Xylene, o-		2.4	M	0.87	ug/m3	TO-15
Xylene (total)		2.1		0.20	ppb v/v	TO-15
Xylene (total)		9.3		0.87	ug/m3	TO-15
Styrene		0.087	J	0.20	ppb v/v	TO-15
Styrene		0.37	J	0.85	ug/m3	TO-15
4-Ethyltoluene		0.13	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.65	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,3,5-Trimethylbenzene		0.095	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.46	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.32		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.6		0.98	ug/m3	TO-15
1,3-Dichlorobenzene		6.1		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		37		1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-8	**785VMP0401HA**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.22	J	0.50	ppb v/v	TO-15
Freon 22		0.77	J	1.8	ug/m3	TO-15
Chloromethane		0.074	J	0.50	ppb v/v	TO-15
Chloromethane		0.15	J	1.0	ug/m3	TO-15
n-Butane		0.18	J	0.50	ppb v/v	TO-15
n-Butane		0.44	J	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.084	J	0.20	ppb v/v	TO-15
Freon TF		0.64	J	1.5	ug/m3	TO-15
Acetone		3.4	J	5.0	ppb v/v	TO-15
Acetone		8.1	J	12	ug/m3	TO-15
Isopropyl alcohol		79		20	ppb v/v	TO-15
Isopropyl alcohol		190		49	ug/m3	TO-15
Carbon disulfide		0.16	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.48	J	1.6	ug/m3	TO-15
Methylene Chloride		0.15	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.52	J M	1.7	ug/m3	TO-15
n-Hexane		2.6		0.20	ppb v/v	TO-15
n-Hexane		9.3		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.5		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		4.4		1.5	ug/m3	TO-15
Cyclohexane		2.0		0.20	ppb v/v	TO-15
Cyclohexane		6.8		0.69	ug/m3	TO-15
Carbon tetrachloride		0.068	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.43	J M	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		1.2		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		5.5		0.93	ug/m3	TO-15
Benzene		0.19	J M	0.20	ppb v/v	TO-15
Benzene		0.61	J M	0.64	ug/m3	TO-15
n-Heptane		0.88		0.20	ppb v/v	TO-15
n-Heptane		3.6		0.82	ug/m3	TO-15
Trichloroethene		0.57		0.20	ppb v/v	TO-15
Trichloroethene		3.0		1.1	ug/m3	TO-15
Toluene		2.2		0.20	ppb v/v	TO-15
Toluene		8.1		0.75	ug/m3	TO-15
Tetrachloroethene		0.091	J M	0.20	ppb v/v	TO-15
Tetrachloroethene		0.62	J M	1.4	ug/m3	TO-15
Ethylbenzene		0.72		0.20	ppb v/v	TO-15
Ethylbenzene		3.1		0.87	ug/m3	TO-15
m,p-Xylene		2.0		0.50	ppb v/v	TO-15
m,p-Xylene		8.7		2.2	ug/m3	TO-15
Xylene, o-		0.79		0.20	ppb v/v	TO-15
Xylene, o-		3.4		0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		2.8		0.20	ppb v/v	TO-15
Xylene (total)		12		0.87	ug/m3	TO-15
Styrene		0.083	J M	0.20	ppb v/v	TO-15
Styrene		0.35	J M	0.85	ug/m3	TO-15
4-Ethyltoluene		0.10	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.49	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.099	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.49	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.29		0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.4		0.98	ug/m3	TO-15
1,3-Dichlorobenzene		5.0		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		30		1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39902-9	**785VMP0501FA**					
Dichlorodifluoromethane		0.52		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.27	J	0.50	ppb v/v	TO-15
Freon 22		0.95	J	1.8	ug/m3	TO-15
Chloromethane		0.41	J	0.50	ppb v/v	TO-15
Chloromethane		0.85	J	1.0	ug/m3	TO-15
n-Butane		0.65		0.50	ppb v/v	TO-15
n-Butane		1.5		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.25		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.081	J	0.20	ppb v/v	TO-15
Freon TF		0.62	J	1.5	ug/m3	TO-15
Acetone		2.9	J	5.0	ppb v/v	TO-15
Acetone		6.8	J	12	ug/m3	TO-15
Isopropyl alcohol		120		20	ppb v/v	TO-15
Isopropyl alcohol		290		49	ug/m3	TO-15
Methylene Chloride		0.17	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.60	J	1.7	ug/m3	TO-15
n-Hexane		2.8		0.20	ppb v/v	TO-15
n-Hexane		9.9		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.3		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.9		1.5	ug/m3	TO-15
Cyclohexane		2.0		0.20	ppb v/v	TO-15
Cyclohexane		6.7		0.69	ug/m3	TO-15
Carbon tetrachloride		0.076	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.48	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		1.4		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		6.5		0.93	ug/m3	TO-15
Benzene		0.22		0.20	ppb v/v	TO-15
Benzene		0.69		0.64	ug/m3	TO-15
n-Heptane		0.82		0.20	ppb v/v	TO-15
n-Heptane		3.4		0.82	ug/m3	TO-15
Trichloroethene		0.21		0.20	ppb v/v	TO-15
Trichloroethene		1.1		1.1	ug/m3	TO-15
Toluene		1.3		0.20	ppb v/v	TO-15
Toluene		4.9		0.75	ug/m3	TO-15
Ethylbenzene		0.48		0.20	ppb v/v	TO-15
Ethylbenzene		2.1		0.87	ug/m3	TO-15
m,p-Xylene		1.7		0.50	ppb v/v	TO-15
m,p-Xylene		7.5		2.2	ug/m3	TO-15
Xylene, o-		0.56		0.20	ppb v/v	TO-15
Xylene, o-		2.4		0.87	ug/m3	TO-15
Xylene (total)		2.3		0.20	ppb v/v	TO-15
Xylene (total)		10		0.87	ug/m3	TO-15
4-Ethyltoluene		0.069	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.34	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,3,5-Trimethylbenzene		0.064	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.31	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.14	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.71	J	0.98	ug/m3	TO-15
1,3-Dichlorobenzene		2.9		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		17		1.2	ug/m3	TO-15
280-39902-10	**786VMP0102HC**					
Dichlorodifluoromethane		0.53		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.6		2.5	ug/m3	TO-15
Freon 22		0.25	J	0.50	ppb v/v	TO-15
Freon 22		0.89	J	1.8	ug/m3	TO-15
n-Butane		0.49	J	0.50	ppb v/v	TO-15
n-Butane		1.2	J	1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Freon TF		0.079	J	0.20	ppb v/v	TO-15
Freon TF		0.61	J	1.5	ug/m3	TO-15
Acetone		0.90	J	5.0	ppb v/v	TO-15
Acetone		2.1	J	12	ug/m3	TO-15
Isopropyl alcohol		11		5.0	ppb v/v	TO-15
Isopropyl alcohol		26		12	ug/m3	TO-15
n-Hexane		0.72		0.20	ppb v/v	TO-15
n-Hexane		2.5		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.26	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.76	J	1.5	ug/m3	TO-15
Carbon tetrachloride		0.065	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.41	J M	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.28	M	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		1.3	M	0.93	ug/m3	TO-15
n-Heptane		0.24		0.20	ppb v/v	TO-15
n-Heptane		0.97		0.82	ug/m3	TO-15
Trichloroethene		1.7		0.20	ppb v/v	TO-15
Trichloroethene		9.1		1.1	ug/m3	TO-15
Toluene		0.25		0.20	ppb v/v	TO-15
Toluene		0.94		0.75	ug/m3	TO-15
m,p-Xylene		0.16	J M	0.50	ppb v/v	TO-15
m,p-Xylene		0.70	J M	2.2	ug/m3	TO-15
Xylene, o-		0.063	J M	0.20	ppb v/v	TO-15
Xylene, o-		0.27	J M	0.87	ug/m3	TO-15
Xylene (total)		0.22		0.20	ppb v/v	TO-15
Xylene (total)		0.97		0.87	ug/m3	TO-15
1,3-Dichlorobenzene		0.34		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		2.0		1.2	ug/m3	TO-15

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39902-1

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: FPM Remediations Inc

Job Number: 280-39902-1

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

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.020	0.50
Freon 22	0.22	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.096	J	0.034	0.50
n-Butane	0.34	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.23		0.021	0.20
Freon TF	0.083	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	5.0		0.40	5.0
Isopropyl alcohol	40		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.16	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	3.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.4		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.5		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	1.5		0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.96		0.017	0.20
Trichloroethene	1.1		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.98		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.074	J	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.20		0.015	0.20
m,p-Xylene	0.78		0.022	0.50
Xylene, o-	0.29		0.016	0.20
Xylene (total)	1.1		0.016	0.20
Styrene	0.047	J M	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.059	J	0.015	0.20
1,3,5-Trimethylbenzene	0.067	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.21		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	2.8		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.099	2.5
Freon 22	0.77	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.20	J	0.070	1.0
n-Butane	0.82	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.64	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	12		0.95	12
Isopropyl alcohol	98		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.55	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	13		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	4.1		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	8.7		0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	7.0		0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.9		0.070	0.82
Trichloroethene	5.6		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	3.7		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.50	J	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.89		0.065	0.87
m,p-Xylene	3.4		0.096	2.2
Xylene, o-	1.3		0.069	0.87
Xylene (total)	4.6		0.069	0.87
Styrene	0.20	J M	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.29	J	0.074	0.98
1,3,5-Trimethylbenzene	0.33	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.0		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	17		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.080	U	0.034	0.50
n-Butane	0.55		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.021	0.20
Freon TF	0.098	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	11		0.40	5.0
Isopropyl alcohol	70	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.24	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	4.2		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	2.4		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.48		0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.6		0.019	0.20
Carbon tetrachloride	0.065	J M	0.013	0.20
2,2,4-Trimethylpentane	1.5		0.015	0.20
Benzene	0.21		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.90		0.017	0.20
Trichloroethene	1.2		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.4		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.37		0.015	0.20
m,p-Xylene	1.4		0.022	0.50
Xylene, o-	0.51		0.016	0.20
Xylene (total)	2.0		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.075	J	0.015	0.20
1,3,5-Trimethylbenzene	0.089	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.29		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	4.7		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	0.98	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.17	U	0.070	1.0
n-Butane	1.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.75	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	25		0.95	12
Isopropyl alcohol	170	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.83	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	15		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	7.0		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	2.4		0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	9.1		0.065	0.69
Carbon tetrachloride	0.41	J M	0.082	1.3
2,2,4-Trimethylpentane	6.8		0.070	0.93
Benzene	0.66		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.7		0.070	0.82
Trichloroethene	6.3		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	5.2		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	1.6		0.065	0.87
m,p-Xylene	6.3		0.096	2.2
Xylene, o-	2.2		0.069	0.87
Xylene (total)	8.5		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.37	J	0.074	0.98
1,3,5-Trimethylbenzene	0.44	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.4		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	28		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58	J	0.050	1.3
Freon 22	0.34	J	0.058	1.3
1,2-Dichlorotetrafluoroethane	0.20	U	0.050	0.50
Chloromethane	0.20	U	0.085	1.3
n-Butane	0.63	J	0.055	1.3
Vinyl chloride	0.070	U	0.023	0.50
1,3-Butadiene	0.20	U	0.063	0.50
Bromomethane	0.20	U	0.068	0.50
Chloroethane	0.20	U	0.083	1.3
Bromoethene(Vinyl Bromide)	0.10	U	0.048	0.50
Trichlorofluoromethane	0.26	J M	0.053	0.50
Freon TF	0.20	U	0.050	0.50
1,1-Dichloroethene	0.50	U	0.22	0.50
Acetone	10	J	1.0	13
Isopropyl alcohol	70		0.19	13
Carbon disulfide	0.20	U	0.050	1.3
3-Chloropropene	0.20	U	0.12	1.3
Methylene Chloride	0.37	J	0.058	1.3
tert-Butyl alcohol	0.20	U	0.10	13
Methyl tert-butyl ether	0.10	U	0.038	0.50
trans-1,2-Dichloroethene	0.20	U	0.058	0.50
n-Hexane	4.3		0.050	0.50
1,1-Dichloroethane	0.20	U	0.058	0.50
Methyl Ethyl Ketone	2.1		0.063	1.3
cis-1,2-Dichloroethene	0.50	U	0.21	0.50
1,2-Dichloroethene, Total	0.20	U	0.058	0.50
Chloroform	0.48	J	0.060	0.50
Tetrahydrofuran	0.20	U	0.073	13
1,1,1-Trichloroethane	0.20	U	0.050	0.50
Cyclohexane	2.6		0.048	0.50
Carbon tetrachloride	0.10	U	0.033	0.50
2,2,4-Trimethylpentane	1.5		0.038	0.50
Benzene	0.10	U	0.045	0.50
1,2-Dichloroethane	0.10	U	0.045	0.50
n-Heptane	1.1		0.043	0.50
Trichloroethene	1.2		0.023	0.50
Methyl methacrylate	0.10	U	0.040	1.3
1,2-Dichloropropane	0.20	U	0.058	0.50
1,4-Dioxane	0.50	U	0.18	13
Bromodichloromethane	0.10	U	0.030	0.50
cis-1,3-Dichloropropene	0.10	U	0.033	0.50
methyl isobutyl ketone	0.20	U	0.085	1.3
Toluene	1.3		0.035	0.50
trans-1,3-Dichloropropene	0.10	U	0.038	0.50
1,1,2-Trichloroethane	0.10	U	0.040	0.50
Tetrachloroethene	0.10	U	0.038	0.50

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.10	1.3
Dibromochloromethane	0.10	U	0.028	0.50
1,2-Dibromoethane	0.10	U	0.035	0.50
Chlorobenzene	0.10	U	0.033	0.50
Ethylbenzene	0.32	J	0.038	0.50
m,p-Xylene	1.2	J	0.055	1.3
Xylene, o-	0.45	J	0.040	0.50
Xylene (total)	1.7		0.040	0.50
Styrene	0.10	U	0.028	0.50
Bromoform	0.070	U	0.018	0.50
Cumene	0.10	U	0.028	0.50
1,1,2,2-Tetrachloroethane	0.10	U	0.028	0.50
n-Propylbenzene	0.10	U	0.033	0.50
4-Ethyltoluene	0.10	U	0.038	0.50
1,3,5-Trimethylbenzene	0.10	U	0.048	0.50
2-Chlorotoluene	0.10	U	0.033	0.50
tert-Butylbenzene	0.10	U	0.028	0.50
1,2,4-Trimethylbenzene	0.22	J	0.053	0.50
sec-Butylbenzene	0.10	U	0.038	0.50
4-Isopropyltoluene	0.20	U	0.050	0.50
1,3-Dichlorobenzene	3.9		0.048	0.50
1,4-Dichlorobenzene	0.10	U	0.045	0.50
Benzyl chloride	0.20	U	0.055	0.50
n-Butylbenzene	0.20	U	0.055	0.50
1,2-Dichlorobenzene	0.20	U	0.065	0.50
1,2,4-Trichlorobenzene	0.20	U	0.075	1.3
Hexachlorobutadiene	0.20	U	0.073	0.50
Naphthalene	0.20	U	0.095	1.3

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8	J	0.25	6.2
Freon 22	1.2	J	0.20	4.4
1,2-Dichlorotetrafluoroethane	1.4	U	0.35	3.5
Chloromethane	0.41	U	0.18	2.6
n-Butane	1.5	J	0.13	3.0
Vinyl chloride	0.18	U	0.058	1.3
1,3-Butadiene	0.44	U	0.14	1.1
Bromomethane	0.78	U	0.26	1.9
Chloroethane	0.53	U	0.22	3.3
Bromoethene(Vinyl Bromide)	0.44	U	0.21	2.2
Trichlorofluoromethane	1.4	J M	0.29	2.8
Freon TF	1.5	U	0.38	3.8
1,1-Dichloroethene	2.0	U	0.85	2.0
Acetone	24	J	2.4	30
Isopropyl alcohol	170		0.47	31
Carbon disulfide	0.62	U	0.16	3.9

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.37	3.9
Methylene Chloride	1.3	J	0.20	4.3
tert-Butyl alcohol	0.61	U	0.31	38
Methyl tert-butyl ether	0.36	U	0.14	1.8
trans-1,2-Dichloroethene	0.79	U	0.23	2.0
n-Hexane	15		0.18	1.8
1,1-Dichloroethane	0.81	U	0.23	2.0
Methyl Ethyl Ketone	6.1		0.18	3.7
cis-1,2-Dichloroethene	2.0	U	0.83	2.0
1,2-Dichloroethene, Total	0.79	U	0.23	2.0
Chloroform	2.4	J	0.29	2.4
Tetrahydrofuran	0.59	U	0.21	37
1,1,1-Trichloroethane	1.1	U	0.27	2.7
Cyclohexane	9.0		0.16	1.7
Carbon tetrachloride	0.63	U	0.20	3.1
2,2,4-Trimethylpentane	7.1		0.18	2.3
Benzene	0.32	U	0.14	1.6
1,2-Dichloroethane	0.40	U	0.18	2.0
n-Heptane	4.4		0.17	2.0
Trichloroethene	6.3		0.12	2.7
Methyl methacrylate	0.41	U	0.16	5.1
1,2-Dichloropropane	0.92	U	0.27	2.3
1,4-Dioxane	1.8	U	0.63	45
Bromodichloromethane	0.67	U	0.20	3.4
cis-1,3-Dichloropropene	0.45	U	0.15	2.3
methyl isobutyl ketone	0.82	U	0.35	5.1
Toluene	5.1		0.13	1.9
trans-1,3-Dichloropropene	0.45	U	0.17	2.3
1,1,2-Trichloroethane	0.55	U	0.22	2.7
Tetrachloroethene	0.68	U	0.25	3.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.41	5.1
Dibromochloromethane	0.85	U	0.23	4.3
1,2-Dibromoethane	0.77	U	0.27	3.8
Chlorobenzene	0.46	U	0.15	2.3
Ethylbenzene	1.4	J	0.16	2.2
m,p-Xylene	5.3	J	0.24	5.4
Xylene, o-	1.9	J	0.17	2.2
Xylene (total)	7.3		0.17	2.2
Styrene	0.43	U	0.12	2.1
Bromoform	0.72	U	0.19	5.2
Cumene	0.49	U	0.14	2.5
1,1,2,2-Tetrachloroethane	0.69	U	0.19	3.4
n-Propylbenzene	0.49	U	0.16	2.5
4-Ethyltoluene	0.49	U	0.18	2.5
1,3,5-Trimethylbenzene	0.49	U	0.23	2.5
2-Chlorotoluene	0.52	U	0.17	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.55	U	0.15	2.7
1,2,4-Trimethylbenzene	1.1	J	0.26	2.5
sec-Butylbenzene	0.55	U	0.21	2.7
4-Isopropyltoluene	1.1	U	0.27	2.7
1,3-Dichlorobenzene	24		0.29	3.0
1,4-Dichlorobenzene	0.60	U	0.27	3.0
Benzyl chloride	1.0	U	0.28	2.6
n-Butylbenzene	1.1	U	0.30	2.7
1,2-Dichlorobenzene	1.2	U	0.39	3.0
1,2,4-Trichlorobenzene	1.5	U	0.56	9.3
Hexachlorobutadiene	2.1	U	0.77	5.3
Naphthalene	1.0	U	0.50	6.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0302HA**

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.098	J	0.034	0.50
n-Butane	0.080	U	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.078	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	7.1		0.40	5.0
Isopropyl alcohol	14		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.83		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	3.8	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.0		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.23		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.33		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.054	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0302HA**

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.98	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.20	J	0.070	1.0
n-Butane	0.19	U	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.60	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	17		0.95	12
Isopropyl alcohol	34		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0302HA**

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	2.9		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.5		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	11	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	3.6		0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.74		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	1.8		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.20	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0302HA**

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785IA09**

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.60		0.034	0.50
n-Butane	0.56		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.15	J	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.085	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	3.9	J	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.38	J	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.21	M	0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.040	U	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785IA09**

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	1.0	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.2		0.070	1.0
n-Butane	1.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.32	J	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.65	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	9.3	J	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785IA09**

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	1.1	J	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.74	M	0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.15	U	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785IA09**

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786IA08**

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60		0.020	0.50
Freon 22	0.32	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.84		0.034	0.50
n-Butane	1.4		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.28		0.021	0.20
Freon TF	0.089	J M	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	8.8		0.40	5.0
Isopropyl alcohol	0.44	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.20	J M	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.3		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.3		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.079	J M	0.013	0.20
2,2,4-Trimethylpentane	0.52		0.015	0.20
Benzene	0.24		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.30		0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.26		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786IA08**

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.099	2.5
Freon 22	1.1	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.7		0.070	1.0
n-Butane	3.2		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.6		0.12	1.1
Freon TF	0.68	J M	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	21		0.95	12
Isopropyl alcohol	1.1	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786IA08**

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.69	J M	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	8.2		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.8		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.50	J M	0.082	1.3
2,2,4-Trimethylpentane	2.4		0.070	0.93
Benzene	0.77		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	1.2		0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.98		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786IA08**

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.020	0.50
Freon 22	0.26	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.67		0.034	0.50
n-Butane	0.60		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25	M	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	1.7	J	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.080	U	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.086	J M	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.24		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.15	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	0.92	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.4		0.070	1.0
n-Butane	1.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4	M	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	4.0	J	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.24	U	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.54	J M	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.78		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.55	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.46	J	0.020	0.50
Freon 22	0.23	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.10	J	0.034	0.50
n-Butane	0.22	J M	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.079	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	1.9	J	0.40	5.0
Isopropyl alcohol	140	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	2.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.0		0.019	0.20
Carbon tetrachloride	0.070	J M	0.013	0.20
2,2,4-Trimethylpentane	1.2		0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.83		0.017	0.20
Trichloroethene	0.13	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	2.0		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.086	J M	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.41		0.015	0.20
m,p-Xylene	1.6		0.022	0.50
Xylene, o-	0.56	M	0.016	0.20
Xylene (total)	2.1		0.016	0.20
Styrene	0.087	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.13	J	0.015	0.20
1,3,5-Trimethylbenzene	0.095	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.32		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	6.1		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.3	J	0.099	2.5
Freon 22	0.81	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.21	J	0.070	1.0
n-Butane	0.52	J M	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.61	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	4.5	J	0.95	12
Isopropyl alcohol	340	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.8		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	6.3		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.8		0.065	0.69
Carbon tetrachloride	0.44	J M	0.082	1.3
2,2,4-Trimethylpentane	5.8		0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.4		0.070	0.82
Trichloroethene	0.68	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	7.5		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.58	J M	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	1.8		0.065	0.87
m,p-Xylene	6.8		0.096	2.2
Xylene, o-	2.4	M	0.069	0.87
Xylene (total)	9.3		0.069	0.87
Styrene	0.37	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.65	J	0.074	0.98
1,3,5-Trimethylbenzene	0.46	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.6		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	37		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.72	J D	0.20	5.0
Freon 22	0.80	U	0.23	5.0
1,2-Dichlorotetrafluoroethane	0.80	U	0.20	2.0
Chloromethane	0.80	U	0.34	5.0
n-Butane	0.80	U	0.22	5.0
Vinyl chloride	0.28	U	0.091	2.0
1,3-Butadiene	0.80	U	0.25	2.0
Bromomethane	0.80	U	0.27	2.0
Chloroethane	0.80	U	0.33	5.0
Bromoethene(Vinyl Bromide)	0.40	U	0.19	2.0
Trichlorofluoromethane	0.80	U	0.21	2.0
Freon TF	0.80	U	0.20	2.0
1,1-Dichloroethene	2.0	U	0.86	2.0
Acetone	5.0	U	4.0	50
Isopropyl alcohol	190	D	0.76	50
Carbon disulfide	0.80	U	0.20	5.0
3-Chloropropene	0.80	U	0.47	5.0
Methylene Chloride	0.80	U	0.23	5.0
tert-Butyl alcohol	0.80	U	0.41	50
Methyl tert-butyl ether	0.40	U	0.15	2.0
trans-1,2-Dichloroethene	0.80	U	0.23	2.0
n-Hexane	3.8	D M	0.20	2.0
1,1-Dichloroethane	0.80	U	0.23	2.0
Methyl Ethyl Ketone	1.7	J D	0.25	5.0
cis-1,2-Dichloroethene	2.0	U	0.84	2.0
1,2-Dichloroethene, Total	0.80	U	0.23	2.0
Chloroform	0.80	U	0.24	2.0
Tetrahydrofuran	0.80	U	0.29	50
1,1,1-Trichloroethane	0.80	U	0.20	2.0
Cyclohexane	2.8	D	0.19	2.0
Carbon tetrachloride	0.40	U	0.13	2.0
2,2,4-Trimethylpentane	1.7	J D M	0.15	2.0
Benzene	0.40	U	0.18	2.0
1,2-Dichloroethane	0.40	U	0.18	2.0
n-Heptane	0.40	U	0.17	2.0
Trichloroethene	0.28	U	0.092	2.0
Methyl methacrylate	0.40	U	0.16	5.0
1,2-Dichloropropane	0.80	U	0.23	2.0
1,4-Dioxane	2.0	U	0.70	50
Bromodichloromethane	0.40	U	0.12	2.0
cis-1,3-Dichloropropene	0.40	U	0.13	2.0
methyl isobutyl ketone	0.80	U	0.34	5.0
Toluene	2.5	D	0.14	2.0
trans-1,3-Dichloropropene	0.40	U	0.15	2.0
1,1,2-Trichloroethane	0.40	U	0.16	2.0
Tetrachloroethene	0.40	U	0.15	2.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.80	U	0.40	5.0
Dibromochloromethane	0.40	U	0.11	2.0
1,2-Dibromoethane	0.40	U	0.14	2.0
Chlorobenzene	0.40	U	0.13	2.0
Ethylbenzene	0.46	J D	0.15	2.0
m,p-Xylene	1.7	J D	0.22	5.0
Xylene, o-	0.75	J D M	0.16	2.0
Xylene (total)	2.5	D	0.16	2.0
Styrene	0.40	U	0.11	2.0
Bromoform	0.28	U	0.072	2.0
Cumene	0.40	U	0.11	2.0
1,1,2,2-Tetrachloroethane	0.40	U	0.11	2.0
n-Propylbenzene	0.40	U	0.13	2.0
4-Ethyltoluene	0.40	U	0.15	2.0
1,3,5-Trimethylbenzene	0.40	U	0.19	2.0
2-Chlorotoluene	0.40	U	0.13	2.0
tert-Butylbenzene	0.40	U	0.11	2.0
1,2,4-Trimethylbenzene	0.80	U	0.21	2.0
sec-Butylbenzene	0.40	U	0.15	2.0
4-Isopropyltoluene	0.80	U	0.20	2.0
1,3-Dichlorobenzene	6.0	D	0.19	2.0
1,4-Dichlorobenzene	0.40	U	0.18	2.0
Benzyl chloride	0.80	U	0.22	2.0
n-Butylbenzene	0.80	U	0.22	2.0
1,2-Dichlorobenzene	0.80	U	0.26	2.0
1,2,4-Trichlorobenzene	0.80	U	0.30	5.0
Hexachlorobutadiene	0.80	U	0.29	2.0
Naphthalene	0.80	U	0.38	5.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.5	J D	0.99	25
Freon 22	2.8	U	0.81	18
1,2-Dichlorotetrafluoroethane	5.6	U	1.4	14
Chloromethane	1.7	U	0.70	10
n-Butane	1.9	U	0.52	12
Vinyl chloride	0.72	U	0.23	5.1
1,3-Butadiene	1.8	U	0.55	4.4
Bromomethane	3.1	U	1.0	7.8
Chloroethane	2.1	U	0.87	13
Bromoethene(Vinyl Bromide)	1.7	U	0.83	8.7
Trichlorofluoromethane	4.5	U	1.2	11
Freon TF	6.1	U	1.5	15
1,1-Dichloroethene	7.9	U	3.4	7.9
Acetone	12	U	9.5	120
Isopropyl alcohol	470	D	1.9	120
Carbon disulfide	2.5	U	0.62	16

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	2.5	U	1.5	16
Methylene Chloride	2.8	U	0.80	17
tert-Butyl alcohol	2.4	U	1.2	150
Methyl tert-butyl ether	1.4	U	0.54	7.2
trans-1,2-Dichloroethene	3.2	U	0.91	7.9
n-Hexane	13	D M	0.70	7.0
1,1-Dichloroethane	3.2	U	0.93	8.1
Methyl Ethyl Ketone	5.1	J D	0.74	15
cis-1,2-Dichloroethene	7.9	U	3.3	7.9
1,2-Dichloroethene, Total	3.2	U	0.91	7.9
Chloroform	3.9	U	1.2	9.8
Tetrahydrofuran	2.4	U	0.86	150
1,1,1-Trichloroethane	4.4	U	1.1	11
Cyclohexane	9.8	D	0.65	6.9
Carbon tetrachloride	2.5	U	0.82	13
2,2,4-Trimethylpentane	8.1	J D M	0.70	9.3
Benzene	1.3	U	0.58	6.4
1,2-Dichloroethane	1.6	U	0.73	8.1
n-Heptane	1.6	U	0.70	8.2
Trichloroethene	1.5	U	0.49	11
Methyl methacrylate	1.6	U	0.66	20
1,2-Dichloropropane	3.7	U	1.1	9.2
1,4-Dioxane	7.2	U	2.5	180
Bromodichloromethane	2.7	U	0.80	13
cis-1,3-Dichloropropene	1.8	U	0.59	9.1
methyl isobutyl ketone	3.3	U	1.4	20
Toluene	9.4	D	0.53	7.5
trans-1,3-Dichloropropene	1.8	U	0.68	9.1
1,1,2-Trichloroethane	2.2	U	0.87	11
Tetrachloroethene	2.7	U	1.0	14
Methyl Butyl Ketone (2-Hexanone)	3.3	U	1.6	20
Dibromochloromethane	3.4	U	0.94	17
1,2-Dibromoethane	3.1	U	1.1	15
Chlorobenzene	1.8	U	0.60	9.2
Ethylbenzene	2.0	J D	0.65	8.7
m,p-Xylene	7.6	J D	0.96	22
Xylene, o-	3.3	J D M	0.69	8.7
Xylene (total)	11	D	0.69	8.7
Styrene	1.7	U	0.47	8.5
Bromoform	2.9	U	0.74	21
Cumene	2.0	U	0.54	9.8
1,1,2,2-Tetrachloroethane	2.7	U	0.76	14
n-Propylbenzene	2.0	U	0.64	9.8
4-Ethyltoluene	2.0	U	0.74	9.8
1,3,5-Trimethylbenzene	2.0	U	0.93	9.8
2-Chlorotoluene	2.1	U	0.67	10

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	2.2	U	0.60	11
1,2,4-Trimethylbenzene	3.9	U	1.0	9.8
sec-Butylbenzene	2.2	U	0.82	11
4-Isopropyltoluene	4.4	U	1.1	11
1,3-Dichlorobenzene	36	D	1.1	12
1,4-Dichlorobenzene	2.4	U	1.1	12
Benzyl chloride	4.1	U	1.1	10
n-Butylbenzene	4.4	U	1.2	11
1,2-Dichlorobenzene	4.8	U	1.6	12
1,2,4-Trichlorobenzene	5.9	U	2.2	37
Hexachlorobutadiene	8.5	U	3.1	21
Naphthalene	4.2	U	2.0	26

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.22	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.074	J	0.034	0.50
n-Butane	0.18	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.084	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	3.4	J	0.40	5.0
Isopropyl alcohol	82	J	0.076	5.0
Carbon disulfide	0.16	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.15	J M	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.6		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.5		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.0		0.019	0.20
Carbon tetrachloride	0.068	J M	0.013	0.20
2,2,4-Trimethylpentane	1.2		0.015	0.20
Benzene	0.19	J M	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.88		0.017	0.20
Trichloroethene	0.57		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	2.2		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.091	J M	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.72		0.015	0.20
m,p-Xylene	2.0		0.022	0.50
Xylene, o-	0.79		0.016	0.20
Xylene (total)	2.8		0.016	0.20
Styrene	0.083	J M	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.10	J	0.015	0.20
1,3,5-Trimethylbenzene	0.099	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.29		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	5.0		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.77	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.15	J	0.070	1.0
n-Butane	0.44	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.64	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	8.1	J	0.95	12
Isopropyl alcohol	200	J	0.19	12
Carbon disulfide	0.48	J	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.52	J M	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.3		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	4.4		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.8		0.065	0.69
Carbon tetrachloride	0.43	J M	0.082	1.3
2,2,4-Trimethylpentane	5.5		0.070	0.93
Benzene	0.61	J M	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.6		0.070	0.82
Trichloroethene	3.0		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	8.1		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.62	J M	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	3.1		0.065	0.87
m,p-Xylene	8.7		0.096	2.2
Xylene, o-	3.4		0.069	0.87
Xylene (total)	12		0.069	0.87
Styrene	0.35	J M	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.49	J	0.074	0.98
1,3,5-Trimethylbenzene	0.49	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.4		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	30		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.61	J	0.080	2.0
Freon 22	0.31	J	0.092	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.080	0.80
Chloromethane	0.32	U	0.14	2.0
n-Butane	0.32	U	0.088	2.0
Vinyl chloride	0.11	U	0.036	0.80
1,3-Butadiene	0.32	U	0.10	0.80
Bromomethane	0.32	U	0.11	0.80
Chloroethane	0.32	U	0.13	2.0
Bromoethene(Vinyl Bromide)	0.16	U	0.076	0.80
Trichlorofluoromethane	0.32	U	0.084	0.80
Freon TF	0.32	U	0.080	0.80
1,1-Dichloroethene	0.80	U	0.34	0.80
Acetone	2.9	J	1.6	20
Isopropyl alcohol	79		0.30	20
Carbon disulfide	0.32	U	0.080	2.0
3-Chloropropene	0.32	U	0.19	2.0
Methylene Chloride	0.32	U	0.092	2.0
tert-Butyl alcohol	0.32	U	0.16	20
Methyl tert-butyl ether	0.16	U	0.060	0.80
trans-1,2-Dichloroethene	0.32	U	0.092	0.80
n-Hexane	3.0		0.080	0.80
1,1-Dichloroethane	0.32	U	0.092	0.80
Methyl Ethyl Ketone	1.0	J	0.10	2.0
cis-1,2-Dichloroethene	0.80	U	0.34	0.80
1,2-Dichloroethene, Total	0.32	U	0.092	0.80
Chloroform	0.32	U	0.096	0.80
Tetrahydrofuran	0.32	U	0.12	20
1,1,1-Trichloroethane	0.32	U	0.080	0.80
Cyclohexane	0.16	U	0.076	0.80
Carbon tetrachloride	0.16	U	0.052	0.80
2,2,4-Trimethylpentane	1.5	M	0.060	0.80
Benzene	0.16	U	0.072	0.80
1,2-Dichloroethane	0.16	U	0.072	0.80
n-Heptane	0.93		0.068	0.80
Trichloroethene	0.56	J	0.037	0.80
Methyl methacrylate	0.16	U	0.064	2.0
1,2-Dichloropropane	0.32	U	0.092	0.80
1,4-Dioxane	0.80	U	0.28	20
Bromodichloromethane	0.16	U	0.048	0.80
cis-1,3-Dichloropropene	0.16	U	0.052	0.80
methyl isobutyl ketone	0.32	U	0.14	2.0
Toluene	2.0		0.056	0.80
trans-1,3-Dichloropropene	0.16	U	0.060	0.80
1,1,2-Trichloroethane	0.16	U	0.064	0.80
Tetrachloroethene	0.16	U	0.060	0.80

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.32	U	0.16	2.0
Dibromochloromethane	0.16	U	0.044	0.80
1,2-Dibromoethane	0.16	U	0.056	0.80
Chlorobenzene	0.16	U	0.052	0.80
Ethylbenzene	0.48	J	0.060	0.80
m,p-Xylene	1.2	J	0.088	2.0
Xylene, o-	0.53	J M	0.064	0.80
Xylene (total)	1.8		0.064	0.80
Styrene	0.16	U	0.044	0.80
Bromoform	0.11	U	0.029	0.80
Cumene	0.16	U	0.044	0.80
1,1,2,2-Tetrachloroethane	0.16	U	0.044	0.80
n-Propylbenzene	0.16	U	0.052	0.80
4-Ethyltoluene	0.16	U	0.060	0.80
1,3,5-Trimethylbenzene	0.16	U	0.076	0.80
2-Chlorotoluene	0.16	U	0.052	0.80
tert-Butylbenzene	0.16	U	0.044	0.80
1,2,4-Trimethylbenzene	0.22	J	0.084	0.80
sec-Butylbenzene	0.16	U	0.060	0.80
4-Isopropyltoluene	0.32	U	0.080	0.80
1,3-Dichlorobenzene	3.2		0.076	0.80
1,4-Dichlorobenzene	0.16	U	0.072	0.80
Benzyl chloride	0.32	U	0.088	0.80
n-Butylbenzene	0.32	U	0.088	0.80
1,2-Dichlorobenzene	0.32	U	0.10	0.80
1,2,4-Trichlorobenzene	0.32	U	0.12	2.0
Hexachlorobutadiene	0.32	U	0.12	0.80
Naphthalene	0.32	U	0.15	2.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0	J	0.40	9.9
Freon 22	1.1	J	0.33	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	0.56	5.6
Chloromethane	0.66	U	0.28	4.1
n-Butane	0.76	U	0.21	4.8
Vinyl chloride	0.29	U	0.093	2.0
1,3-Butadiene	0.71	U	0.22	1.8
Bromomethane	1.2	U	0.42	3.1
Chloroethane	0.84	U	0.35	5.3
Bromoethene(Vinyl Bromide)	0.70	U	0.33	3.5
Trichlorofluoromethane	1.8	U	0.47	4.5
Freon TF	2.5	U	0.61	6.1
1,1-Dichloroethene	3.2	U	1.4	3.2
Acetone	7.0	J	3.8	48
Isopropyl alcohol	190		0.75	49
Carbon disulfide	1.0	U	0.25	6.2

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.0	U	0.59	6.3
Methylene Chloride	1.1	U	0.32	6.9
tert-Butyl alcohol	0.97	U	0.50	61
Methyl tert-butyl ether	0.58	U	0.22	2.9
trans-1,2-Dichloroethene	1.3	U	0.36	3.2
n-Hexane	11		0.28	2.8
1,1-Dichloroethane	1.3	U	0.37	3.2
Methyl Ethyl Ketone	3.0	J	0.29	5.9
cis-1,2-Dichloroethene	3.2	U	1.3	3.2
1,2-Dichloroethene, Total	1.3	U	0.36	3.2
Chloroform	1.6	U	0.47	3.9
Tetrahydrofuran	0.94	U	0.34	59
1,1,1-Trichloroethane	1.7	U	0.44	4.4
Cyclohexane	0.55	U	0.26	2.8
Carbon tetrachloride	1.0	U	0.33	5.0
2,2,4-Trimethylpentane	6.8	M	0.28	3.7
Benzene	0.51	U	0.23	2.6
1,2-Dichloroethane	0.65	U	0.29	3.2
n-Heptane	3.8		0.28	3.3
Trichloroethene	3.0	J	0.20	4.3
Methyl methacrylate	0.66	U	0.26	8.2
1,2-Dichloropropane	1.5	U	0.43	3.7
1,4-Dioxane	2.9	U	1.0	72
Bromodichloromethane	1.1	U	0.32	5.4
cis-1,3-Dichloropropene	0.73	U	0.24	3.6
methyl isobutyl ketone	1.3	U	0.56	8.2
Toluene	7.4		0.21	3.0
trans-1,3-Dichloropropene	0.73	U	0.27	3.6
1,1,2-Trichloroethane	0.87	U	0.35	4.4
Tetrachloroethene	1.1	U	0.41	5.4
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.66	8.2
Dibromochloromethane	1.4	U	0.37	6.8
1,2-Dibromoethane	1.2	U	0.43	6.1
Chlorobenzene	0.73	U	0.24	3.7
Ethylbenzene	2.1	J	0.26	3.5
m,p-Xylene	5.4	J	0.38	8.7
Xylene, o-	2.3	J M	0.28	3.5
Xylene (total)	7.7		0.28	3.5
Styrene	0.68	U	0.19	3.4
Bromoform	1.2	U	0.30	8.3
Cumene	0.79	U	0.22	3.9
1,1,2,2-Tetrachloroethane	1.1	U	0.30	5.5
n-Propylbenzene	0.79	U	0.26	3.9
4-Ethyltoluene	0.79	U	0.29	3.9
1,3,5-Trimethylbenzene	0.79	U	0.37	3.9
2-Chlorotoluene	0.83	U	0.27	4.1

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.88	U	0.24	4.4
1,2,4-Trimethylbenzene	1.1	J	0.41	3.9
sec-Butylbenzene	0.88	U	0.33	4.4
4-Isopropyltoluene	1.8	U	0.44	4.4
1,3-Dichlorobenzene	19		0.46	4.8
1,4-Dichlorobenzene	0.96	U	0.43	4.8
Benzyl chloride	1.7	U	0.46	4.1
n-Butylbenzene	1.8	U	0.48	4.4
1,2-Dichlorobenzene	1.9	U	0.63	4.8
1,2,4-Trichlorobenzene	2.4	U	0.89	15
Hexachlorobutadiene	3.4	U	1.2	8.5
Naphthalene	1.7	U	0.80	10

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.020	0.50
Freon 22	0.27	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.41	J	0.034	0.50
n-Butane	0.65		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.081	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	2.9	J	0.40	5.0
Isopropyl alcohol	93	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.17	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.3		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.0		0.019	0.20
Carbon tetrachloride	0.076	J	0.013	0.20
2,2,4-Trimethylpentane	1.4		0.015	0.20
Benzene	0.22		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.82		0.017	0.20
Trichloroethene	0.21		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.3		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.48		0.015	0.20
m,p-Xylene	1.7		0.022	0.50
Xylene, o-	0.56		0.016	0.20
Xylene (total)	2.3		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.069	J	0.015	0.20
1,3,5-Trimethylbenzene	0.064	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.14	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	2.9		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.95	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.85	J	0.070	1.0
n-Butane	1.5		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.62	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	6.8	J	0.95	12
Isopropyl alcohol	230	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.60	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.9		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.9		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.7		0.065	0.69
Carbon tetrachloride	0.48	J	0.082	1.3
2,2,4-Trimethylpentane	6.5		0.070	0.93
Benzene	0.69		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.4		0.070	0.82
Trichloroethene	1.1		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	4.9		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	2.1		0.065	0.87
m,p-Xylene	7.5		0.096	2.2
Xylene, o-	2.4		0.069	0.87
Xylene (total)	10		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.34	J	0.074	0.98
1,3,5-Trimethylbenzene	0.31	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9

Client Matrix: Air

Date Sampled: 03/06/2013 1600

Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.71	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	17		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.72	J	0.080	2.0
Freon 22	0.32	U	0.092	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.080	0.80
Chloromethane	0.75	J	0.14	2.0
n-Butane	0.87	J	0.088	2.0
Vinyl chloride	0.11	U	0.036	0.80
1,3-Butadiene	0.32	U	0.10	0.80
Bromomethane	0.32	U	0.11	0.80
Chloroethane	0.32	U	0.13	2.0
Bromoethene(Vinyl Bromide)	0.16	U	0.076	0.80
Trichlorofluoromethane	0.32	U	0.084	0.80
Freon TF	0.32	U	0.080	0.80
1,1-Dichloroethene	0.80	U	0.34	0.80
Acetone	3.3	J	1.6	20
Isopropyl alcohol	120		0.30	20
Carbon disulfide	0.32	U	0.080	2.0
3-Chloropropene	0.32	U	0.19	2.0
Methylene Chloride	0.32	U	0.092	2.0
tert-Butyl alcohol	0.32	U	0.16	20
Methyl tert-butyl ether	0.16	U	0.060	0.80
trans-1,2-Dichloroethene	0.32	U	0.092	0.80
n-Hexane	3.3		0.080	0.80
1,1-Dichloroethane	0.32	U	0.092	0.80
Methyl Ethyl Ketone	0.99	J	0.10	2.0
cis-1,2-Dichloroethene	0.80	U	0.34	0.80
1,2-Dichloroethene, Total	0.32	U	0.092	0.80
Chloroform	0.32	U	0.096	0.80
Tetrahydrofuran	0.32	U	0.12	20
1,1,1-Trichloroethane	0.32	U	0.080	0.80
Cyclohexane	0.16	U	0.076	0.80
Carbon tetrachloride	0.16	U	0.052	0.80
2,2,4-Trimethylpentane	1.7		0.060	0.80
Benzene	0.16	U	0.072	0.80
1,2-Dichloroethane	0.16	U	0.072	0.80
n-Heptane	1.1		0.068	0.80
Trichloroethene	0.22	J	0.037	0.80
Methyl methacrylate	0.16	U	0.064	2.0
1,2-Dichloropropane	0.32	U	0.092	0.80
1,4-Dioxane	0.80	U	0.28	20
Bromodichloromethane	0.16	U	0.048	0.80
cis-1,3-Dichloropropene	0.16	U	0.052	0.80
methyl isobutyl ketone	0.32	U	0.14	2.0
Toluene	1.4		0.056	0.80
trans-1,3-Dichloropropene	0.16	U	0.060	0.80
1,1,2-Trichloroethane	0.16	U	0.064	0.80
Tetrachloroethene	0.16	U	0.060	0.80

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.32	U	0.16	2.0
Dibromochloromethane	0.16	U	0.044	0.80
1,2-Dibromoethane	0.16	U	0.056	0.80
Chlorobenzene	0.16	U	0.052	0.80
Ethylbenzene	0.40	J	0.060	0.80
m,p-Xylene	1.5	J	0.088	2.0
Xylene, o-	0.47	J M	0.064	0.80
Xylene (total)	1.9		0.064	0.80
Styrene	0.16	U	0.044	0.80
Bromoform	0.11	U	0.029	0.80
Cumene	0.16	U	0.044	0.80
1,1,2,2-Tetrachloroethane	0.16	U	0.044	0.80
n-Propylbenzene	0.16	U	0.052	0.80
4-Ethyltoluene	0.16	U	0.060	0.80
1,3,5-Trimethylbenzene	0.16	U	0.076	0.80
2-Chlorotoluene	0.16	U	0.052	0.80
tert-Butylbenzene	0.16	U	0.044	0.80
1,2,4-Trimethylbenzene	0.32	U	0.084	0.80
sec-Butylbenzene	0.16	U	0.060	0.80
4-Isopropyltoluene	0.32	U	0.080	0.80
1,3-Dichlorobenzene	2.5		0.076	0.80
1,4-Dichlorobenzene	0.16	U	0.072	0.80
Benzyl chloride	0.32	U	0.088	0.80
n-Butylbenzene	0.32	U	0.088	0.80
1,2-Dichlorobenzene	0.32	U	0.10	0.80
1,2,4-Trichlorobenzene	0.32	U	0.12	2.0
Hexachlorobutadiene	0.32	U	0.12	0.80
Naphthalene	0.32	U	0.15	2.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.6	J	0.40	9.9
Freon 22	1.1	U	0.33	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	0.56	5.6
Chloromethane	1.5	J	0.28	4.1
n-Butane	2.1	J	0.21	4.8
Vinyl chloride	0.29	U	0.093	2.0
1,3-Butadiene	0.71	U	0.22	1.8
Bromomethane	1.2	U	0.42	3.1
Chloroethane	0.84	U	0.35	5.3
Bromoethene(Vinyl Bromide)	0.70	U	0.33	3.5
Trichlorofluoromethane	1.8	U	0.47	4.5
Freon TF	2.5	U	0.61	6.1
1,1-Dichloroethene	3.2	U	1.4	3.2
Acetone	7.8	J	3.8	48
Isopropyl alcohol	290		0.75	49
Carbon disulfide	1.0	U	0.25	6.2

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.0	U	0.59	6.3
Methylene Chloride	1.1	U	0.32	6.9
tert-Butyl alcohol	0.97	U	0.50	61
Methyl tert-butyl ether	0.58	U	0.22	2.9
trans-1,2-Dichloroethene	1.3	U	0.36	3.2
n-Hexane	12		0.28	2.8
1,1-Dichloroethane	1.3	U	0.37	3.2
Methyl Ethyl Ketone	2.9	J	0.29	5.9
cis-1,2-Dichloroethene	3.2	U	1.3	3.2
1,2-Dichloroethene, Total	1.3	U	0.36	3.2
Chloroform	1.6	U	0.47	3.9
Tetrahydrofuran	0.94	U	0.34	59
1,1,1-Trichloroethane	1.7	U	0.44	4.4
Cyclohexane	0.55	U	0.26	2.8
Carbon tetrachloride	1.0	U	0.33	5.0
2,2,4-Trimethylpentane	7.8		0.28	3.7
Benzene	0.51	U	0.23	2.6
1,2-Dichloroethane	0.65	U	0.29	3.2
n-Heptane	4.7		0.28	3.3
Trichloroethene	1.2	J	0.20	4.3
Methyl methacrylate	0.66	U	0.26	8.2
1,2-Dichloropropane	1.5	U	0.43	3.7
1,4-Dioxane	2.9	U	1.0	72
Bromodichloromethane	1.1	U	0.32	5.4
cis-1,3-Dichloropropene	0.73	U	0.24	3.6
methyl isobutyl ketone	1.3	U	0.56	8.2
Toluene	5.1		0.21	3.0
trans-1,3-Dichloropropene	0.73	U	0.27	3.6
1,1,2-Trichloroethane	0.87	U	0.35	4.4
Tetrachloroethene	1.1	U	0.41	5.4
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.66	8.2
Dibromochloromethane	1.4	U	0.37	6.8
1,2-Dibromoethane	1.2	U	0.43	6.1
Chlorobenzene	0.73	U	0.24	3.7
Ethylbenzene	1.7	J	0.26	3.5
m,p-Xylene	6.4	J	0.38	8.7
Xylene, o-	2.0	J M	0.28	3.5
Xylene (total)	8.4		0.28	3.5
Styrene	0.68	U	0.19	3.4
Bromoform	1.2	U	0.30	8.3
Cumene	0.79	U	0.22	3.9
1,1,2,2-Tetrachloroethane	1.1	U	0.30	5.5
n-Propylbenzene	0.79	U	0.26	3.9
4-Ethyltoluene	0.79	U	0.29	3.9
1,3,5-Trimethylbenzene	0.79	U	0.37	3.9
2-Chlorotoluene	0.83	U	0.27	4.1

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.88	U	0.24	4.4
1,2,4-Trimethylbenzene	1.6	U	0.41	3.9
sec-Butylbenzene	0.88	U	0.33	4.4
4-Isopropyltoluene	1.8	U	0.44	4.4
1,3-Dichlorobenzene	15		0.46	4.8
1,4-Dichlorobenzene	0.96	U	0.43	4.8
Benzyl chloride	1.7	U	0.46	4.1
n-Butylbenzene	1.8	U	0.48	4.4
1,2-Dichlorobenzene	1.9	U	0.63	4.8
1,2,4-Trichlorobenzene	2.4	U	0.89	15
Hexachlorobutadiene	3.4	U	1.2	8.5
Naphthalene	1.7	U	0.80	10

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HC**

Lab Sample ID: 280-39902-10
Client Matrix: Air

Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.25	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.080	U	0.034	0.50
n-Butane	0.49	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.079	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	0.90	J	0.40	5.0
Isopropyl alcohol	11		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.72		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.26	J	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.065	J M	0.013	0.20
2,2,4-Trimethylpentane	0.28	M	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.24		0.017	0.20
Trichloroethene	1.7		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.25		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HC**

Lab Sample ID: 280-39902-10
Client Matrix: Air

Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.16	J M	0.022	0.50
Xylene, o-	0.063	J M	0.016	0.20
Xylene (total)	0.22		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.34		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.89	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.17	U	0.070	1.0
n-Butane	1.2	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.61	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	2.1	J	0.95	12
Isopropyl alcohol	26		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HC**

Lab Sample ID: 280-39902-10
Client Matrix: Air

Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	2.5		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.76	J	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.41	J M	0.082	1.3
2,2,4-Trimethylpentane	1.3	M	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.97		0.070	0.82
Trichloroethene	9.1		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.94		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.70	J M	0.096	2.2
Xylene, o-	0.27	J M	0.069	0.87
Xylene (total)	0.97		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HC**

Lab Sample ID: 280-39902-10
Client Matrix: Air

Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	2.0		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Method Blank - Batch: 200-53730

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53730/4	Analysis Batch:	200-53730	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clmb004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1130	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1130			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.080	U	0.020	0.50
Freon 22	0.080	U	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.080	U	0.034	0.50
n-Butane	0.080	U	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.080	U	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	0.50	U	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.080	U	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.040	U	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Method Blank - Batch: 200-53730

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53730/4	Analysis Batch:	200-53730	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clmb004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1130	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1130			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.015	0.20
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Client: FPM Remediations Inc

Job Number: 280-39902-1

Method Blank - Batch: 200-53730

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53730/4	Analysis Batch:	200-53730	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clmb004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1130	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1130			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.40	U	0.099	2.5
Freon 22	0.28	U	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.17	U	0.070	1.0
n-Butane	0.19	U	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.45	U	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	1.2	U	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.24	U	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.15	U	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1

Client: FPM Remediations Inc

Job Number: 280-39902-1

Method Blank - Batch: 200-53730

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-53730/4	Analysis Batch:	200-53730	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clmb004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1130	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1130			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Control Sample - Batch: 200-53730

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-53730/3	Analysis Batch:	200-53730	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clmb003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1037	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1037			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.3	103	70 - 130	
Freon 22	10.0	9.03	90	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.0	100	70 - 130	
Chloromethane	10.0	8.40	84	70 - 130	
n-Butane	10.0	8.43	84	70 - 130	
Vinyl chloride	10.0	8.79	88	70 - 130	
1,3-Butadiene	10.0	9.72	97	70 - 130	
Bromomethane	10.0	9.75	97	70 - 130	
Chloroethane	10.0	9.43	94	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.96	100	70 - 130	
Trichlorofluoromethane	10.0	10.3	103	70 - 130	
Freon TF	10.0	10.5	106	70 - 130	
1,1-Dichloroethene	10.0	10.6	106	70 - 130	
Acetone	10.0	8.59	86	70 - 130	
Isopropyl alcohol	10.0	8.05	81	70 - 130	
Carbon disulfide	10.0	9.35	93	70 - 130	
3-Chloropropene	10.0	8.85	89	70 - 130	M
Methylene Chloride	10.0	9.00	90	70 - 130	
tert-Butyl alcohol	10.0	8.71	87	70 - 130	
Methyl tert-butyl ether	10.0	8.81	88	70 - 130	
trans-1,2-Dichloroethene	10.0	8.98	90	70 - 130	
n-Hexane	10.0	8.56	86	70 - 130	
1,1-Dichloroethane	10.0	8.98	90	70 - 130	
Methyl Ethyl Ketone	10.0	8.37	84	70 - 130	
cis-1,2-Dichloroethene	10.0	9.96	100	70 - 130	
Chloroform	10.0	9.60	96	70 - 130	
Tetrahydrofuran	10.0	8.89	89	70 - 130	
1,1,1-Trichloroethane	10.0	10.3	103	70 - 130	
Cyclohexane	10.0	9.65	97	70 - 130	
Carbon tetrachloride	10.0	10.6	106	70 - 130	
2,2,4-Trimethylpentane	10.0	9.14	91	70 - 130	
Benzene	10.0	9.29	93	70 - 130	
1,2-Dichloroethane	10.0	9.85	98	70 - 130	
n-Heptane	10.0	8.92	89	70 - 130	
Trichloroethene	10.0	9.85	98	70 - 130	
Methyl methacrylate	10.0	9.05	91	70 - 130	
1,2-Dichloropropane	10.0	8.82	88	70 - 130	
1,4-Dioxane	10.0	8.35	84	70 - 130	
Bromodichloromethane	10.0	10.4	104	70 - 130	
cis-1,3-Dichloropropene	10.0	9.19	92	70 - 130	
methyl isobutyl ketone	10.0	8.76	88	70 - 130	
Toluene	10.0	10.0	100	70 - 130	
trans-1,3-Dichloropropene	10.0	9.29	93	70 - 130	
1,1,2-Trichloroethane	10.0	9.52	95	70 - 130	
Tetrachloroethene	10.0	11.6	116	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.78	98	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Control Sample - Batch: 200-53730

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-53730/3	Analysis Batch:	200-53730	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	clmb003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1037	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1037			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	11.9	119	70 - 130	
1,2-Dibromoethane	10.0	10.6	106	70 - 130	
Chlorobenzene	10.0	10.5	105	70 - 130	
Ethylbenzene	10.0	9.92	99	70 - 130	
m,p-Xylene	20.0	20.2	101	70 - 130	
Xylene, o-	10.0	9.97	100	70 - 130	
Styrene	10.0	10.5	105	70 - 130	
Bromoform	10.0	12.1	121	70 - 130	
Cumene	10.0	10.4	104	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.37	94	70 - 130	
n-Propylbenzene	10.0	10.3	103	70 - 130	
4-Ethyltoluene	10.0	10.7	107	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.3	103	70 - 130	
2-Chlorotoluene	10.0	10.5	105	70 - 130	
tert-Butylbenzene	10.0	10.5	105	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.0	100	70 - 130	
sec-Butylbenzene	10.0	10.4	104	70 - 130	
4-Isopropyltoluene	10.0	10.6	106	70 - 130	
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,4-Dichlorobenzene	10.0	10.2	102	70 - 130	
Benzyl chloride	10.0	10.5	105	70 - 130	
n-Butylbenzene	10.0	10.0	100	70 - 130	
1,2-Dichlorobenzene	10.0	10.1	101	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.83	78	70 - 130	
Hexachlorobutadiene	10.0	10.1	101	70 - 130	
Naphthalene	10.0	7.33	73	70 - 130	

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-39902-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

Client: FPM Remediations Inc

Job Number: 280-39902-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-53730					
LCS 200-53730/3	Lab Control Sample	T	Air	TO-15	
MB 200-53730/4	Method Blank	T	Air	TO-15	
280-39902-1	786VMP0102HA	T	Air	TO-15	
280-39902-2	786VMP0202HA	T	Air	TO-15	
280-39902-2DL	786VMP0202HA	T	Air	TO-15	
280-39902-3	786VMP0302HA	T	Air	TO-15	
280-39902-4	785IA09	T	Air	TO-15	
280-39902-5	786IA08	T	Air	TO-15	
280-39902-6	785786OA05	T	Air	TO-15	
280-39902-7	785VMP0202IA	T	Air	TO-15	
280-39902-7DL	785VMP0202IA	T	Air	TO-15	
280-39902-8	785VMP0401HA	T	Air	TO-15	
280-39902-8DL	785VMP0401HA	T	Air	TO-15	
280-39902-9	785VMP0501FA	T	Air	TO-15	
280-39902-9DL	785VMP0501FA	T	Air	TO-15	
280-39902-10	786VMP0102HC	T	Air	TO-15	

Report Basis
T = Total

Client: FPM Remediations Inc Job Number: 280-39902-1

Laboratory Chronicle

Lab ID: 280-39902-1 **Client ID:** 786VMP0102HA

Sample Date/Time: 03/06/2013 14:30 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-1		200-53730		04/01/2013 12:23	1	TAL BUR	WRD
A:TO-15	280-39902-A-1		200-53730		04/01/2013 12:23	1	TAL BUR	WRD

Lab ID: 280-39902-2 **Client ID:** 786VMP0202HA

Sample Date/Time: 03/06/2013 14:40 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-2		200-53730		04/01/2013 18:33	1	TAL BUR	WRD
A:TO-15	280-39902-A-2		200-53730		04/01/2013 18:33	1	TAL BUR	WRD
P:Summa Canister	280-39902-A-2	DL	200-53730		04/01/2013 22:04	2.5	TAL BUR	WRD
A:TO-15	280-39902-A-2	DL	200-53730		04/01/2013 22:04	2.5	TAL BUR	WRD

Lab ID: 280-39902-3 **Client ID:** 786VMP0302HA

Sample Date/Time: 03/06/2013 14:20 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-3		200-53730		04/01/2013 13:16	1	TAL BUR	WRD
A:TO-15	280-39902-A-3		200-53730		04/01/2013 13:16	1	TAL BUR	WRD

Lab ID: 280-39902-4 **Client ID:** 785IA09

Sample Date/Time: 03/06/2013 07:25 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-4		200-53730		04/01/2013 14:09	1	TAL BUR	WRD
A:TO-15	280-39902-A-4		200-53730		04/01/2013 14:09	1	TAL BUR	WRD

Lab ID: 280-39902-5 **Client ID:** 786IA08

Sample Date/Time: 03/06/2013 07:20 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-5		200-53730		04/01/2013 15:02	1	TAL BUR	WRD
A:TO-15	280-39902-A-5		200-53730		04/01/2013 15:02	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-39902-1

Laboratory Chronicle

Lab ID: 280-39902-6 **Client ID:** 785786OA05

Sample Date/Time: 03/06/2013 07:30 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-6		200-53730		04/01/2013 15:55	1	TAL BUR	WRD
A:TO-15	280-39902-A-6		200-53730		04/01/2013 15:55	1	TAL BUR	WRD

Lab ID: 280-39902-7 **Client ID:** 785VMP0202IA

Sample Date/Time: 03/06/2013 15:40 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-7		200-53730		04/01/2013 19:26	1	TAL BUR	WRD
A:TO-15	280-39902-A-7		200-53730		04/01/2013 19:26	1	TAL BUR	WRD
P:Summa Canister	280-39902-A-7	DL	200-53730		04/01/2013 22:57	10	TAL BUR	WRD
A:TO-15	280-39902-A-7	DL	200-53730		04/01/2013 22:57	10	TAL BUR	WRD

Lab ID: 280-39902-8 **Client ID:** 785VMP0401HA

Sample Date/Time: 03/06/2013 15:50 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-8		200-53730		04/01/2013 20:18	1	TAL BUR	WRD
A:TO-15	280-39902-A-8		200-53730		04/01/2013 20:18	1	TAL BUR	WRD
P:Summa Canister	280-39902-A-8	DL	200-53730		04/01/2013 23:50	4	TAL BUR	WRD
A:TO-15	280-39902-A-8	DL	200-53730		04/01/2013 23:50	4	TAL BUR	WRD

Lab ID: 280-39902-9 **Client ID:** 785VMP0501FA

Sample Date/Time: 03/06/2013 16:00 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-9		200-53730		04/01/2013 21:11	1	TAL BUR	WRD
A:TO-15	280-39902-A-9		200-53730		04/01/2013 21:11	1	TAL BUR	WRD
P:Summa Canister	280-39902-A-9	DL	200-53730		04/02/2013 00:43	4	TAL BUR	WRD
A:TO-15	280-39902-A-9	DL	200-53730		04/02/2013 00:43	4	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-39902-1

Laboratory Chronicle

Lab ID: 280-39902-10 **Client ID:** 786VMP0102HC

Sample Date/Time: 03/06/2013 14:31 Received Date/Time: 03/14/2013 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-39902-A-10		200-53730		04/01/2013 16:47	1	TAL BUR	WRD
A:TO-15	280-39902-A-10		200-53730		04/01/2013 16:47	1	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 200-53730/4		200-53730		04/01/2013 11:30	1	TAL BUR	WRD
A:TO-15	MB 200-53730/4		200-53730		04/01/2013 11:30	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 200-53730/3		200-53730		04/01/2013 10:37	1	TAL BUR	WRD
A:TO-15	LCS 200-53730/3		200-53730		04/01/2013 10:37	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00083	06/14/13	03/23/13	DI WATER, Lot 5014	15.463 L	ATTO15CAL6w_00063	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon 22	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone	0.20044 ppb v/v
							methyl isobutyl ketone	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00063	06/14/13	03/18/13	DI WATER, Lot 12648	15.463 L	ATTO15CALSTKi_00040	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00036	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00071	05/21/13	02/22/13	DI WATER, Lot 3535	15.463 L	ATTO15CAL6w_00060	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00035	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00060	05/21/13	02/22/13	DI WATER, Lot 5015	15.463 L	ATTO15CALSTKi_00039	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00035	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00039	05/21/13	02/21/13	DI WATER, Lot 7951	37.5 L	ATTO15CALs_00009	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00035	05/21/13	02/21/13	VOA Free Water, Lot 1020	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00263	06/14/13	03/23/13	DI WATER, Lot 3639	15.463 L	ATTO15CALSTKi_00040	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00036	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00032	06/14/13	03/23/13	DI WATER, Lot 2672	15.463 L	ATTO15CALSTKi_00040	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00036	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00064	06/14/13	03/23/13	DI WATER, Lot 12648	15.463 L	ATTO15CALSTKi_00040	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00036	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17		SIGMA, Lot SHBB5682V		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00035	06/14/13	03/23/13	DI WATER, Lot 4947	15.463 L	ATTO15CALSTKi_00040	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon 22	39.9922 ppb v/v
							Freon TF	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00036	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00040	06/14/13	03/14/13	DI WATER, Lot 4985	52.5 L	ATTO15CALs_00009	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00009	12/05/13		Spectra Gases, Lot cc-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15EthCALw_00036	06/15/13	03/15/13	VOA Free Water, Lot 1003	37.5 ppb	ATTO15EthCALs_00007	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00007	09/11/17	SIGMA, Lot SHBB5682V			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CISs_00005	11/15/15	Spectra, Lot CC-250115			(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
ATTO15LCSW_00268	06/15/13	03/26/13	DI WATER, Lot 4233	15.463 L	ATTO15LCSSTKi_00036	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00036	06/15/13	03/15/13	DI WATER, Lot 4984	52.5 L	ATTO15LCSs_00011	10500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00011	12/05/13		Spectra Gases, Lot CC-230119		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v

SIGMA-ALDRICH
sigma-aldrich.com

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Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

9/15/11

Certificate of Analysis

Product Name:
Ethanol – 200 proof, anhydrous, ≥99.5%

CH_3CH_2OH

Product Number:	**459836**
Lot Number:	**SHBB5682V**
Brand:	SIAL
CAS Number:	64-17-5
MDL Number:	MFCD00003568
Formula:	C2H6O
Formula Weight:	46.07 g/mol
Quality Release Date:	15 SEP 2011

389837
ID: ATTO15EthCALs_00007
Exp 09/01/17 Prod Prd Open 09/01/12
TO15 Ethanol Cal source 9

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.5 %	> 99.9 %
Water (by Karl Fischer)	≤ 0.005 %	0.003 %
Residue on Evaporation	≤ 0.0005 %	0.0003 %
Starting Material Clearance	Confirmed	Conforms
TRACEABLE TO ACS PRODUCT LISTING		

Jennifer Baughman, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Certification Summary

Client: FPM Remediations Inc
Project/Site: Griffiss AFB Soil Vapor

TestAmerica Job ID: 280-39902-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAP	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	200610
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clmb003.d

Lab ID: LCS 200-53730/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.3	103	70-130	
Freon 22	10.0	9.03	90	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.0	100	70-130	
Chloromethane	10.0	8.40	84	70-130	
n-Butane	10.0	8.43	84	70-130	
Vinyl chloride	10.0	8.79	88	70-130	
1,3-Butadiene	10.0	9.72	97	70-130	
Bromomethane	10.0	9.75	97	70-130	
Chloroethane	10.0	9.43	94	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.96	100	70-130	
Trichlorofluoromethane	10.0	10.3	103	70-130	
Freon TF	10.0	10.5	106	70-130	
1,1-Dichloroethene	10.0	10.6	106	70-130	
Acetone	10.0	8.59	86	70-130	
Isopropyl alcohol	10.0	8.05	81	70-130	
Carbon disulfide	10.0	9.35	93	70-130	
3-Chloropropene	10.0	8.85	89	70-130	M
Methylene Chloride	10.0	9.00	90	70-130	
tert-Butyl alcohol	10.0	8.71	87	70-130	
Methyl tert-butyl ether	10.0	8.81	88	70-130	
trans-1,2-Dichloroethene	10.0	8.98	90	70-130	
n-Hexane	10.0	8.56	86	70-130	
1,1-Dichloroethane	10.0	8.98	90	70-130	
Methyl Ethyl Ketone	10.0	8.37	84	70-130	
cis-1,2-Dichloroethene	10.0	9.96	100	70-130	
Chloroform	10.0	9.60	96	70-130	
Tetrahydrofuran	10.0	8.89	89	70-130	
1,1,1-Trichloroethane	10.0	10.3	103	70-130	
Cyclohexane	10.0	9.65	97	70-130	
Carbon tetrachloride	10.0	10.6	106	70-130	
2,2,4-Trimethylpentane	10.0	9.14	91	70-130	
Benzene	10.0	9.29	93	70-130	
1,2-Dichloroethane	10.0	9.85	98	70-130	
n-Heptane	10.0	8.92	89	70-130	
Trichloroethene	10.0	9.85	98	70-130	
Methyl methacrylate	10.0	9.05	91	70-130	
1,2-Dichloropropane	10.0	8.82	88	70-130	
1,4-Dioxane	10.0	8.35	84	70-130	
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.19	92	70-130	
methyl isobutyl ketone	10.0	8.76	88	70-130	
Toluene	10.0	10.0	100	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clmb003.d

Lab ID: LCS 200-53730/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	9.29	93	70-130	
1,1,2-Trichloroethane	10.0	9.52	95	70-130	
Tetrachloroethene	10.0	11.6	116	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.78	98	70-130	
Dibromochloromethane	10.0	11.9	119	70-130	
1,2-Dibromoethane	10.0	10.6	106	70-130	
Chlorobenzene	10.0	10.5	105	70-130	
Ethylbenzene	10.0	9.92	99	70-130	
m,p-Xylene	20.0	20.2	101	70-130	
Xylene, o-	10.0	9.97	100	70-130	
Styrene	10.0	10.5	105	70-130	
Bromoform	10.0	12.1	121	70-130	
Cumene	10.0	10.4	104	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.37	94	70-130	
n-Propylbenzene	10.0	10.3	103	70-130	
4-Ethyltoluene	10.0	10.7	107	70-130	
1,3,5-Trimethylbenzene	10.0	10.3	103	70-130	
2-Chlorotoluene	10.0	10.5	105	70-130	
tert-Butylbenzene	10.0	10.5	105	70-130	
1,2,4-Trimethylbenzene	10.0	10.0	100	70-130	
sec-Butylbenzene	10.0	10.4	104	70-130	
4-Isopropyltoluene	10.0	10.6	106	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.2	102	70-130	
Benzyl chloride	10.0	10.5	105	70-130	
n-Butylbenzene	10.0	10.0	100	70-130	
1,2-Dichlorobenzene	10.0	10.1	101	70-130	
1,2,4-Trichlorobenzene	10.0	7.83	78	70-130	
Hexachlorobutadiene	10.0	10.1	101	70-130	
Naphthalene	10.0	7.33	73	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab File ID: clmb004.d Lab Sample ID: MB 200-53730/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: C.i Date Analyzed: 04/01/2013 11:30

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 200-53730/3	clmb003.d	04/01/2013 10:37
786VMP0102HA	280-39902-1	clmb005.d	04/01/2013 12:23
786VMP0302HA	280-39902-3	clmb006.d	04/01/2013 13:16
785IA09	280-39902-4	clmb007.d	04/01/2013 14:09
786IA08	280-39902-5	clmb008.d	04/01/2013 15:02
785786OA05	280-39902-6	clmb009.d	04/01/2013 15:55
786VMP0102HC	280-39902-10	clmb010.d	04/01/2013 16:47
786VMP0202HA	280-39902-2	clmb012.d	04/01/2013 18:33
785VMP0202IA	280-39902-7	clmb013.d	04/01/2013 19:26
785VMP0401HA	280-39902-8	clmb014.d	04/01/2013 20:18
785VMP0501FA	280-39902-9	clmb015.d	04/01/2013 21:11
786VMP0202HA DL	280-39902-2 DL	clmb016.d	04/01/2013 22:04
785VMP0202IA DL	280-39902-7 DL	clmb017.d	04/01/2013 22:57
785VMP0401HA DL	280-39902-8 DL	clmb018.d	04/01/2013 23:50
785VMP0501FA DL	280-39902-9 DL	clmb019.d	04/02/2013 00:43

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab File ID: clm001.d BFB Injection Date: 03/29/2013

Instrument ID: C.i BFB Injection Time: 08:48

Analysis Batch No.: 53637

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.7	
75	30.0 - 66.0% of mass 95	50.7	
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	0.0	(0.0)1
174	50.0 - 120.0% of mass 95	60.9	
175	4.0 - 9.0 % of mass 174	4.3	(7.0)1
176	93.0 - 101.0% of mass 174	59.3	(97.4)1
177	5.0 - 9.0% of mass 176	3.7	(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
	IC 200-53637/3	clm003.d	03/29/2013	10:37
	IC 200-53637/4	clm004.d	03/29/2013	11:31
	IC 200-53637/5	clm005.d	03/29/2013	12:23
	IC 200-53637/6	clm006.d	03/29/2013	13:16
	ICIS 200-53637/7	clm007.d	03/29/2013	14:09
	IC 200-53637/8	clm008.d	03/29/2013	15:01
	IC 200-53637/9	clm009.d	03/29/2013	15:54
	IC 200-53637/10	clm010.d	03/29/2013	16:47
	ICV 200-53637/13	clm013.d	03/29/2013	19:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab File ID: clmb001.d BFB Injection Date: 04/01/2013

Instrument ID: C.i BFB Injection Time: 08:51

Analysis Batch No.: 53730

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	23.2	
75	30.0 - 66.0% of mass 95	56.7	
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	0.1	(0.2)1
174	50.0 - 120.0% of mass 95	58.8	
175	4.0 - 9.0 % of mass 174	4.0	(6.8)1
176	93.0 - 101.0% of mass 174	56.3	(95.7)1
177	5.0 - 9.0% of mass 176	3.6	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-53730/2	clmb002.d	04/01/2013	09:44
	LCS 200-53730/3	clmb003.d	04/01/2013	10:37
	MB 200-53730/4	clmb004.d	04/01/2013	11:30
786VMP0102HA	280-39902-1	clmb005.d	04/01/2013	12:23
786VMP0302HA	280-39902-3	clmb006.d	04/01/2013	13:16
785IA09	280-39902-4	clmb007.d	04/01/2013	14:09
786IA08	280-39902-5	clmb008.d	04/01/2013	15:02
785786OA05	280-39902-6	clmb009.d	04/01/2013	15:55
786VMP0102HC	280-39902-10	clmb010.d	04/01/2013	16:47
786VMP0202HA	280-39902-2	clmb012.d	04/01/2013	18:33
785VMP0202IA	280-39902-7	clmb013.d	04/01/2013	19:26
785VMP0401HA	280-39902-8	clmb014.d	04/01/2013	20:18
785VMP0501FA	280-39902-9	clmb015.d	04/01/2013	21:11
786VMP0202HA DL	280-39902-2 DL	clmb016.d	04/01/2013	22:04
785VMP0202IA DL	280-39902-7 DL	clmb017.d	04/01/2013	22:57
785VMP0401HA DL	280-39902-8 DL	clmb018.d	04/01/2013	23:50
785VMP0501FA DL	280-39902-9 DL	clmb019.d	04/02/2013	00:43

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Sample No.: ICIS 200-53637/7 Date Analyzed: 03/29/2013 14:09

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clm007.d Heated Purge: (Y/N) N

Calibration ID: 20906

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		206765	11.07	1123457	12.90	1046002	18.37
UPPER LIMIT		289471	11.40	1572840	13.23	1464403	18.70
LOWER LIMIT		124059	10.74	674074	12.57	627601	18.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-53637/13		221259	11.07	1200505	12.90	1145956	18.37

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Sample No.: CCVIS 200-53730/2 Date Analyzed: 04/01/2013 09:44

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clmb002.d Heated Purge: (Y/N) N

Calibration ID: 20906

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		186484	11.07	1023185	12.90	990689	18.37
UPPER LIMIT		261078	11.40	1432459	13.23	1386965	18.70
LOWER LIMIT		111890	10.74	613911	12.57	594413	18.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-53730/3		210663	11.07	1123967	12.90	952755	18.38
MB 200-53730/4		202574	11.07	1105775	12.90	1008418	18.37
280-39902-1	786VMP0102HA	188417	11.07	1022047	12.90	988663	18.37
280-39902-3	786VMP0302HA	188384	11.07	1009275	12.90	963288	18.37
280-39902-4	785IA09	175216	11.07	931949	12.90	891060	18.37
280-39902-5	786IA08	151850	11.07	826817	12.90	811851	18.37
280-39902-6	785786OA05	161745	11.07	876311	12.90	822871	18.37
280-39902-10	786VMP0102HC	162724	11.07	874390	12.90	837696	18.37
280-39902-2	786VMP0202HA	214374	11.07	1164817	12.90	1114126	18.37
280-39902-7	785VMP0202IA	211643	11.07	1121144	12.90	1047149	18.37
280-39902-8	785VMP0401HA	202436	11.07	1081505	12.90	1012925	18.37
280-39902-9	785VMP0501FA	180980	11.07	983540	12.90	971255	18.37
280-39902-2 DL	786VMP0202HA DL	187776	11.07	996703	12.90	940881	18.37
280-39902-7 DL	785VMP0202IA DL	178520	11.07	955606	12.90	867481	18.37
280-39902-8 DL	785VMP0401HA DL	177044	11.07	948437	12.90	899173	18.37
280-39902-9 DL	785VMP0501FA DL	155538	11.07	846990	12.90	814975	18.37

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HA Lab Sample ID: 280-39902-1

Matrix: Air Lab File ID: clmb005.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 12:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.50	0.020
75-45-6	Freon 22	86.47	0.22	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.096	J	0.50	0.034
106-97-8	n-Butane	58.12	0.34	J	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.021
76-13-1	Freon TF	187.38	0.083	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	5.0		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	40		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.16	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	3.8		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.4		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	2.5		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.5		0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HA Lab Sample ID: 280-39902-1

Matrix: Air Lab File ID: clmb005.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 12:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.96		0.20	0.017
79-01-6	Trichloroethene	131.39	1.1		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.98		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.074	J	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.20		0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.78		0.50	0.022
95-47-6	Xylene, o-	106.17	0.29		0.20	0.016
1330-20-7	Xylene (total)	106.17	1.1		0.20	0.016
100-42-5	Styrene	104.15	0.047	J M	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.059	J	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.067	J	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.21		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	2.8		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HA Lab Sample ID: 280-39902-1

Matrix: Air Lab File ID: clmb005.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 12:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HA Lab Sample ID: 280-39902-1

Matrix: Air Lab File ID: clmb005.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 12:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.099
75-45-6	Freon 22	86.47	0.77	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.20	J	1.0	0.070
106-97-8	n-Butane	58.12	0.82	J	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.12
76-13-1	Freon TF	187.38	0.64	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	12		12	0.95
67-63-0	Isopropyl alcohol	60.10	98		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.55	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	13		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	4.1		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	8.7		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	7.0		0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HA Lab Sample ID: 280-39902-1

Matrix: Air Lab File ID: clmb005.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 12:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	3.9		0.82	0.070
79-01-6	Trichloroethene	131.39	5.6		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	3.7		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.50	J	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.89		0.87	0.065
179601-23-1	m,p-Xylene	106.17	3.4		2.2	0.096
95-47-6	Xylene, o-	106.17	1.3		0.87	0.069
1330-20-7	Xylene (total)	106.17	4.6		0.87	0.069
100-42-5	Styrene	104.15	0.20	J M	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.29	J	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.33	J	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0		0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	17		1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HA Lab Sample ID: 280-39902-1

Matrix: Air Lab File ID: clmb005.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 12:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-1
Client Smp ID: 786VMP0102HA
Inj Date : 01-APR-2013 12:23
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-1
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	36709	0.49635	0.50
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	7165	0.21707	0.22(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.147	4.136	(0.374)	1329	0.09577	0.096(a)
6 Butane	43	4.387	4.376	(0.396)	7490	0.34462	0.34(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	14924	0.22538	0.23
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.135	7.125	(0.644)	3202	0.08344	0.083(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.333	7.333	(0.662)	86073	5.00458	5.0(Q)
21 Carbon disulfide	76	Compound Not Detected.					

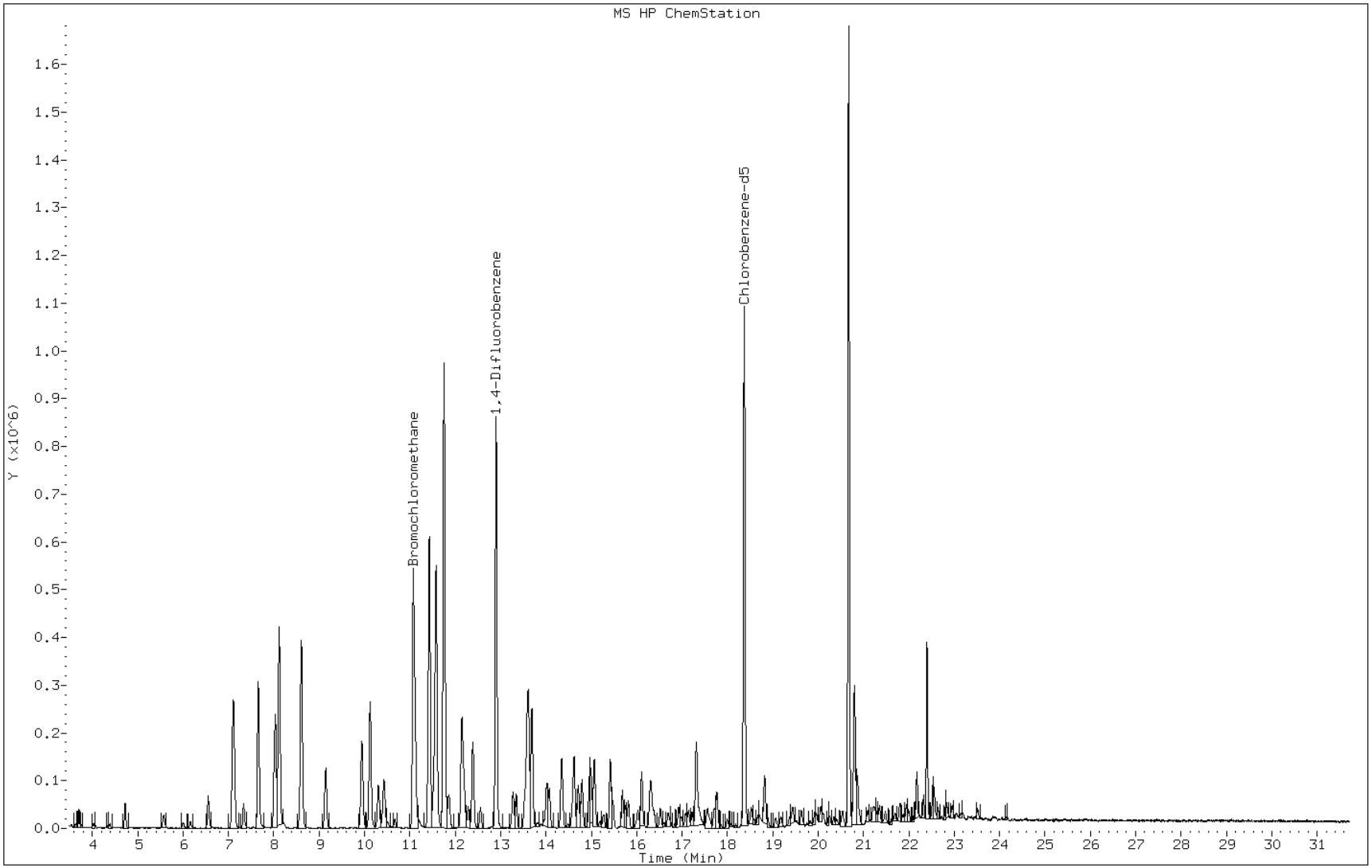
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	7.659	7.658	(0.692)	540852	39.7585	40
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.208	8.208	(0.741)	2663	0.15955	0.16(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.142	9.142	(0.826)	91517	3.75677	3.8
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.674	10.668	(0.964)	9959	1.38498	1.4
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	188417	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.528	11.522	(0.893)	65188	2.51569	2.5(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	111882	1.49685	1.5(Q)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.547	12.552	(0.972)	22371	0.96187	0.96
*	47 1,4-Difluorobenzene	114	12.905	12.905	(1.000)	1022047	10.0000	
	49 Trichloroethene	95	13.342	13.342	(1.034)	31895	1.05098	1.1
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.685	15.685	(0.854)	43758	0.98193	0.98
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	16.715	16.710	(0.910)	3340	0.07438	0.074(aQ)
	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	18.370	18.375	(1.000)	988663	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.594	18.594	(1.012)	19552	0.20402	0.20
	69 Xylene (m,p)	106	18.829	18.834	(1.025)	27850	0.77613	0.78
M	70 Xylenes, Total	106				38035	1.06452	1.1
	71 Xylene (o)	106	19.629	19.629	(1.069)	10185	0.28840	0.29
	72 Styrene	104	19.683	19.672	(1.071)	2375	0.04677	0.047(aQM)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	21.252	21.246	(1.157)	6117	0.05863	0.059(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	6233	0.06684	0.067(aQ)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	21.951	21.945	(1.195)	19112	0.21005	0.21(Q)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	182096	2.83402	2.8(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb005.d	Date:	01-APR-2013 12:23
Client ID:	786VMP0102HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-1		
Lab Sample ID:	280-39902-1		



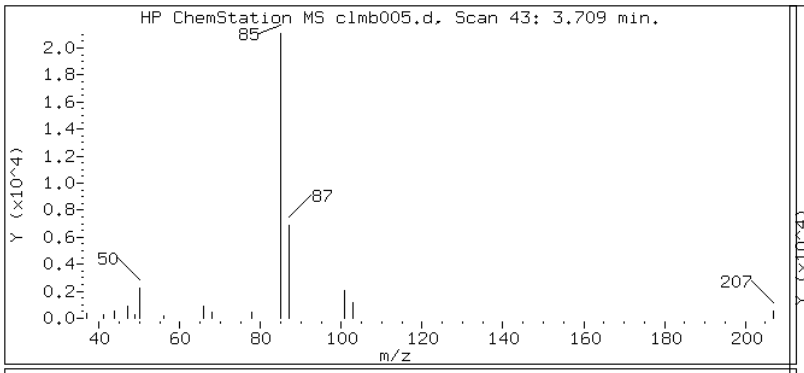
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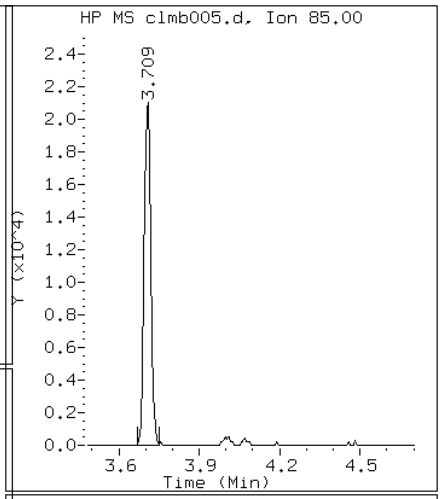
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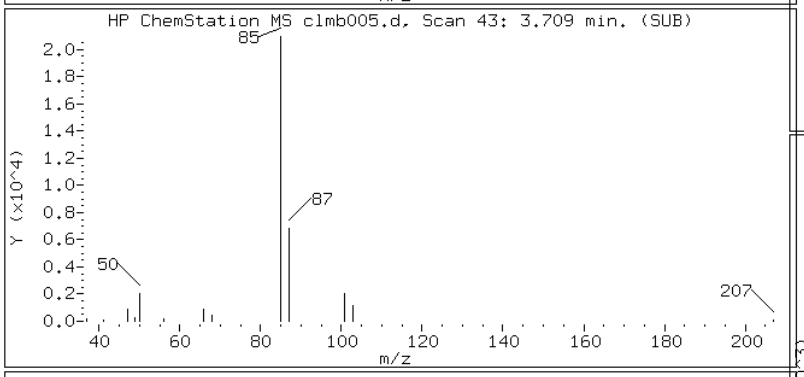
Client ID: 786VMP0102HA Instrument: C.i

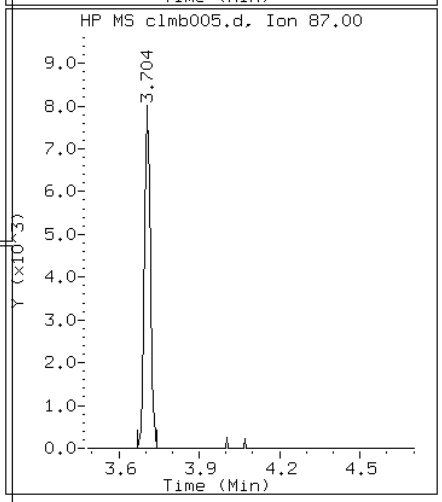
Sample Info: 280-39902-A-1 Operator: wrd

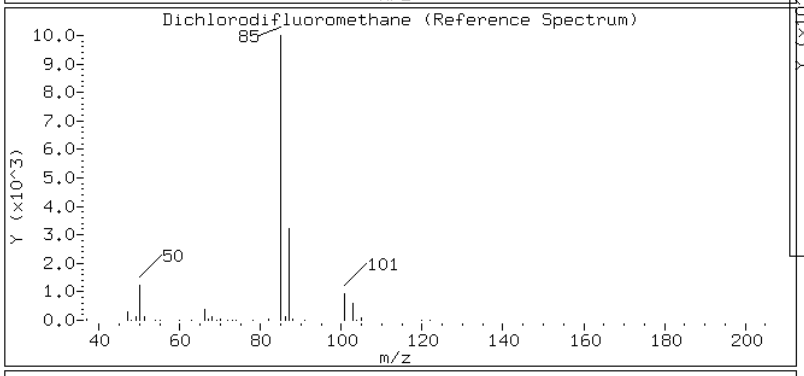
2 Dichlorodifluoromethane

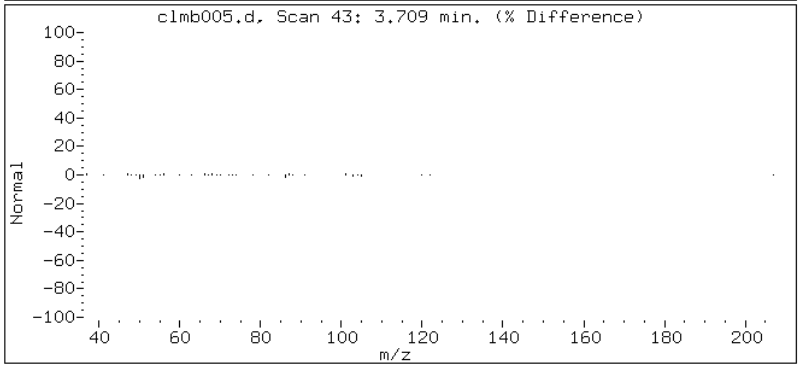












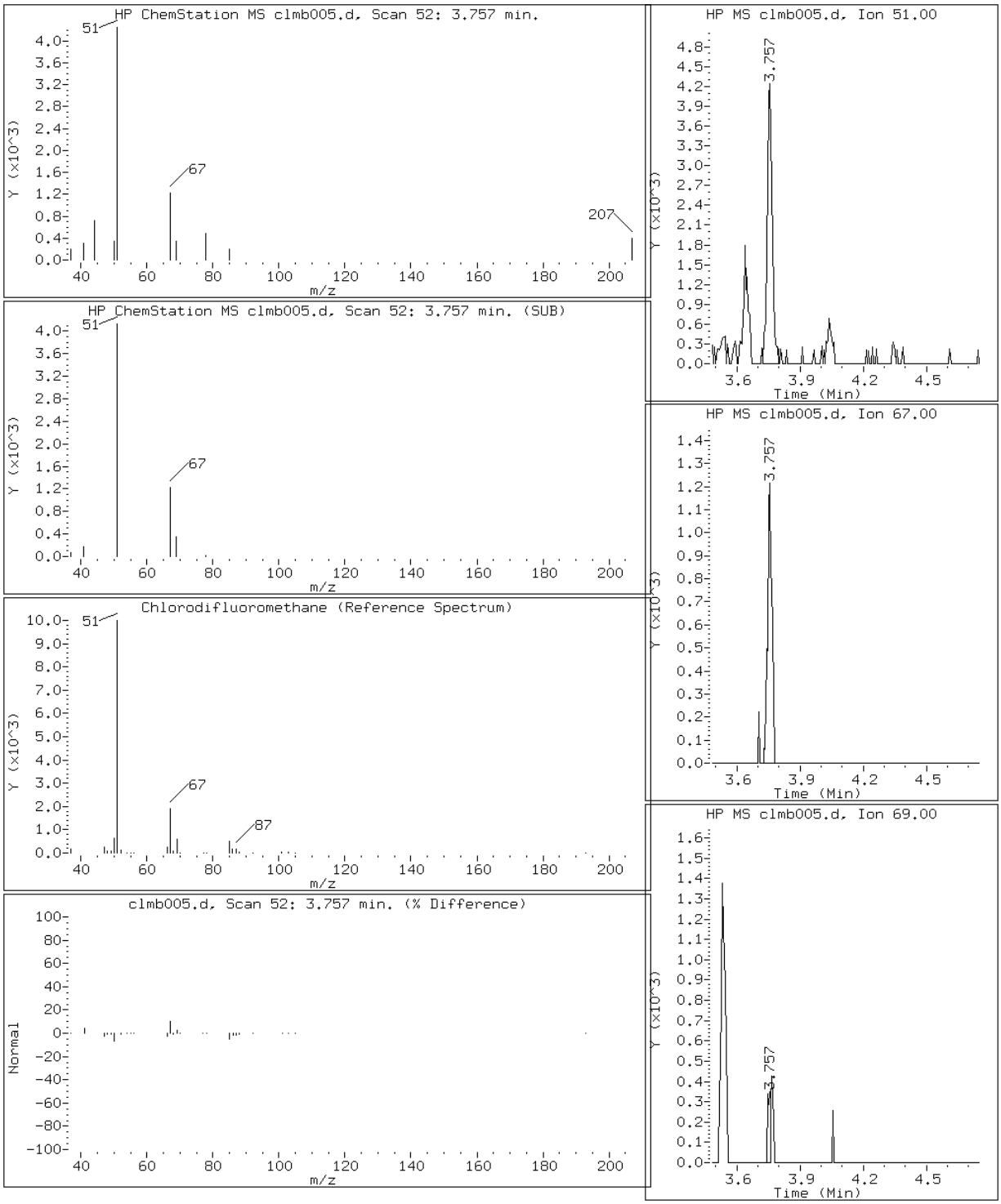
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

3 Chlorodifluoromethane



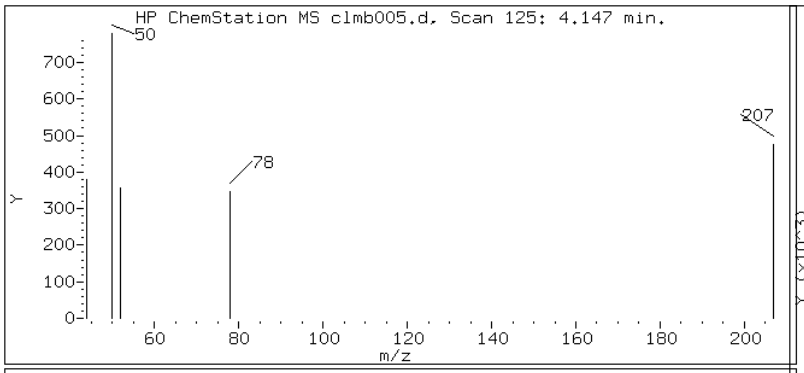
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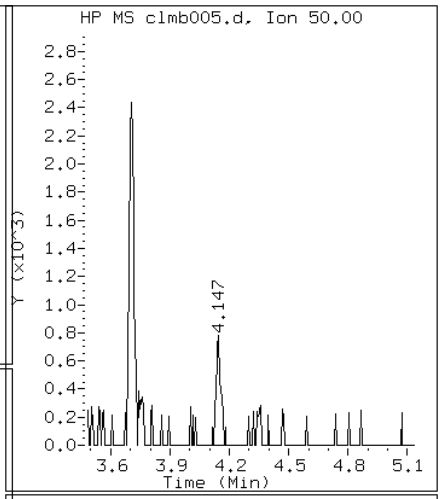
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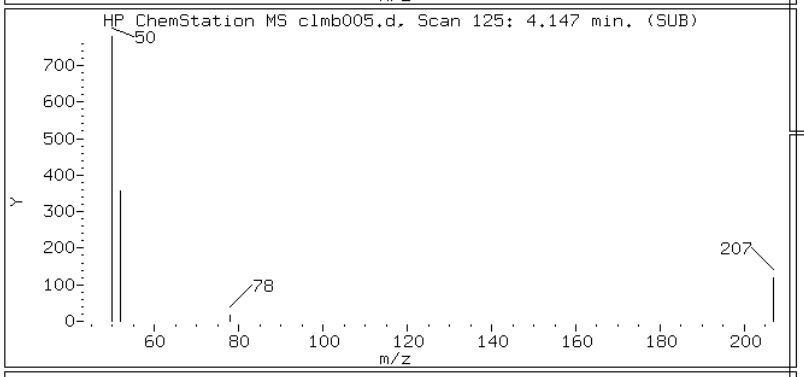
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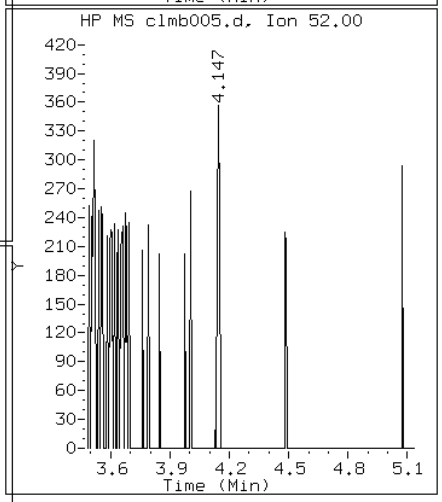
Sample Info: 280-39902-A-1 Operator: wrd

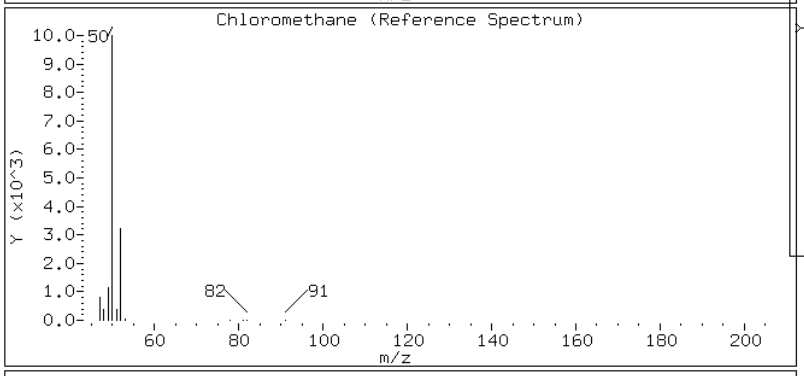
5 Chloromethane

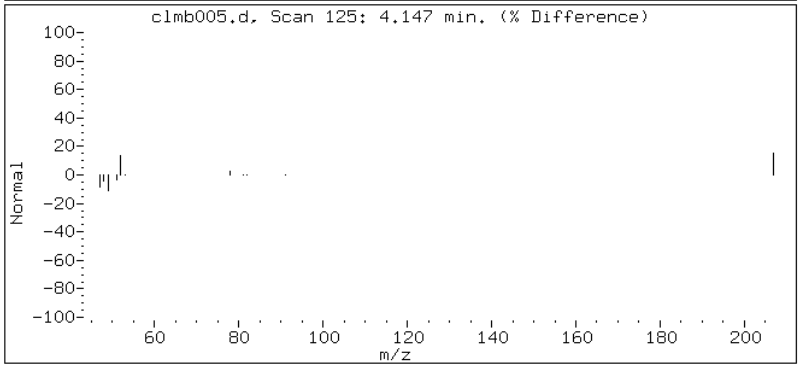












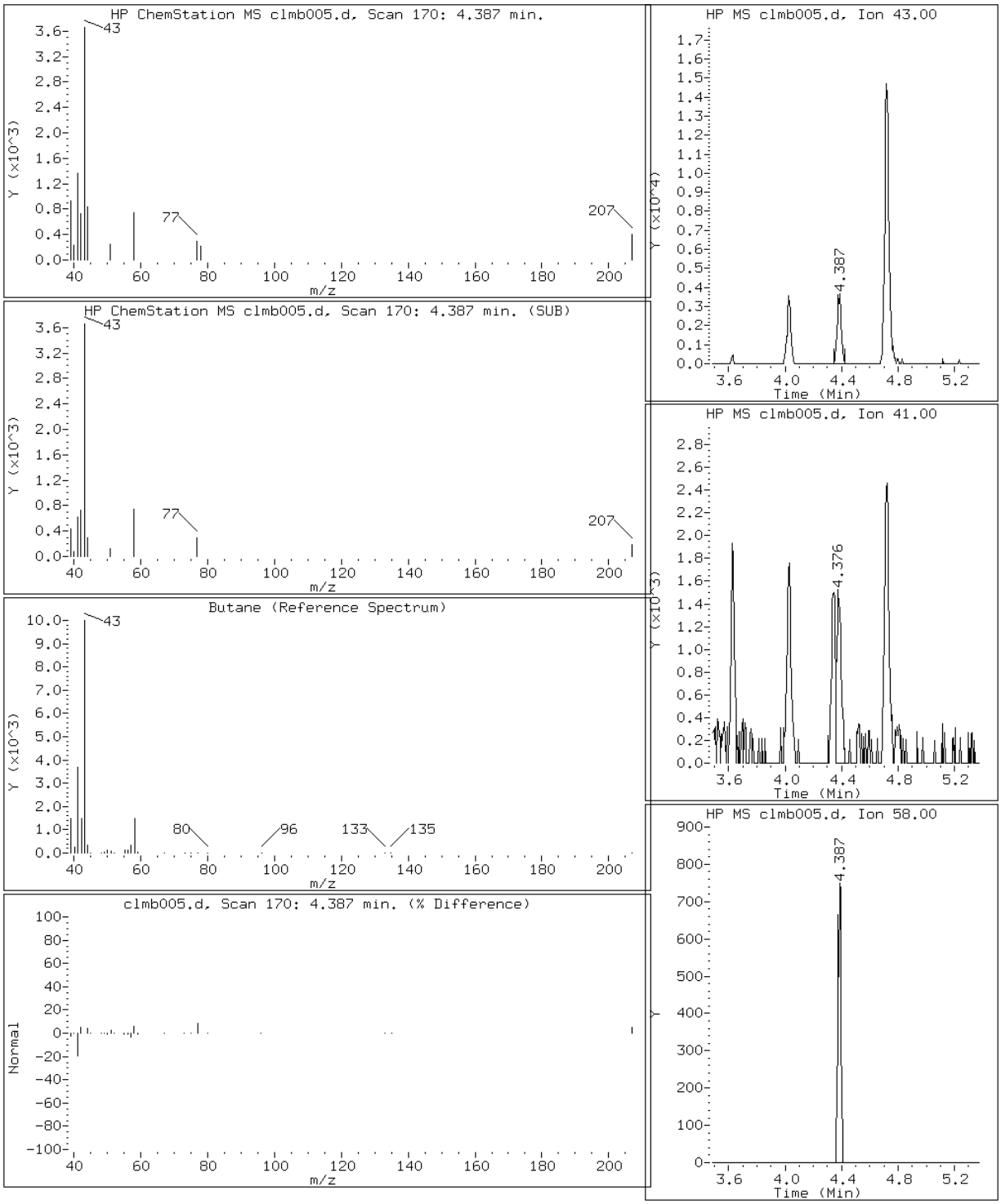
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

6 Butane



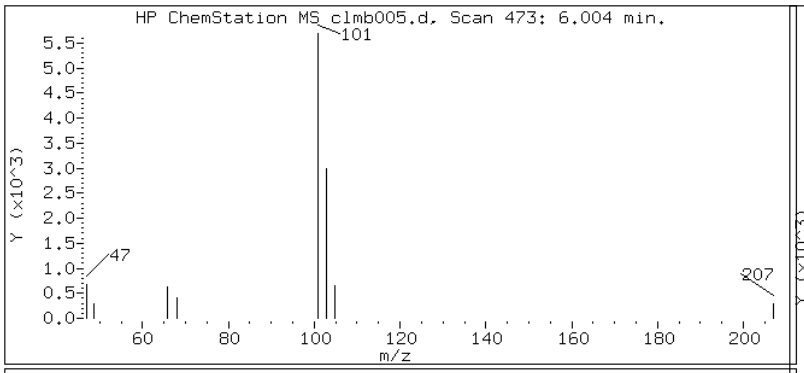
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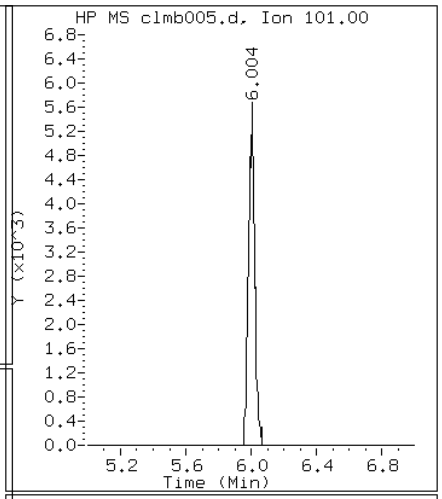
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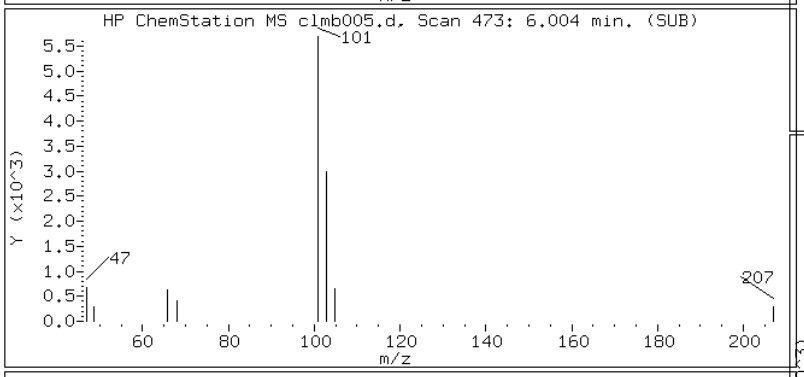
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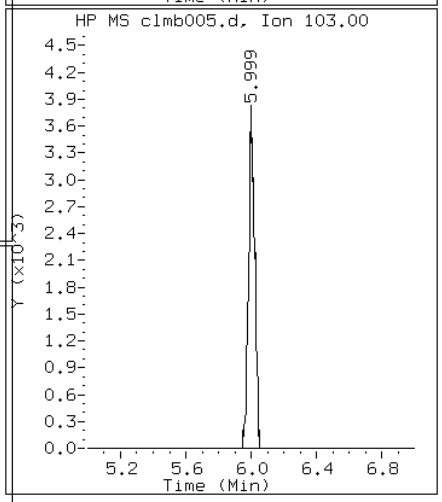
Sample Info: 280-39902-A-1 Operator: wrd

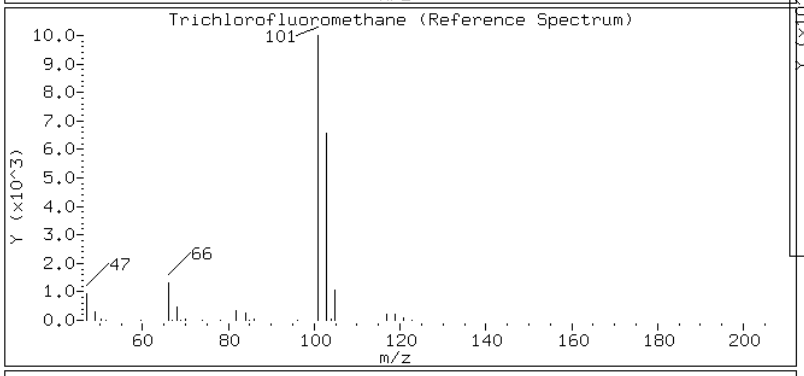
13 Trichlorofluoromethane

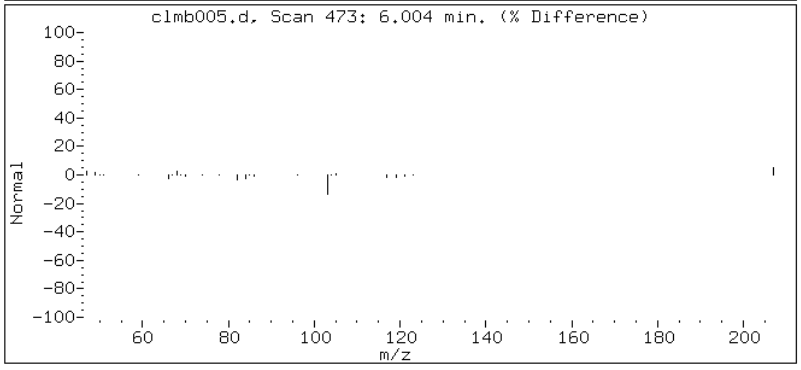












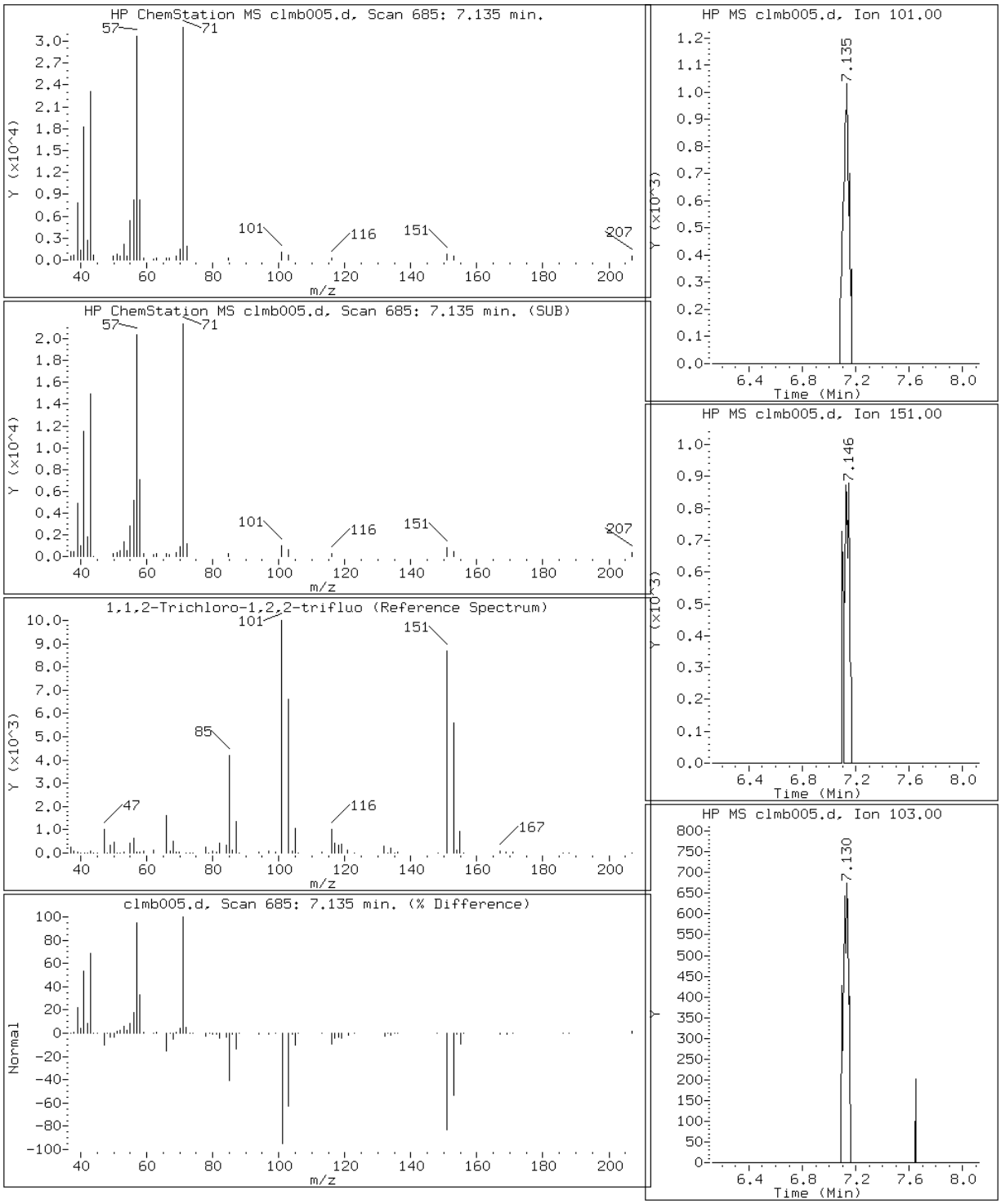
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



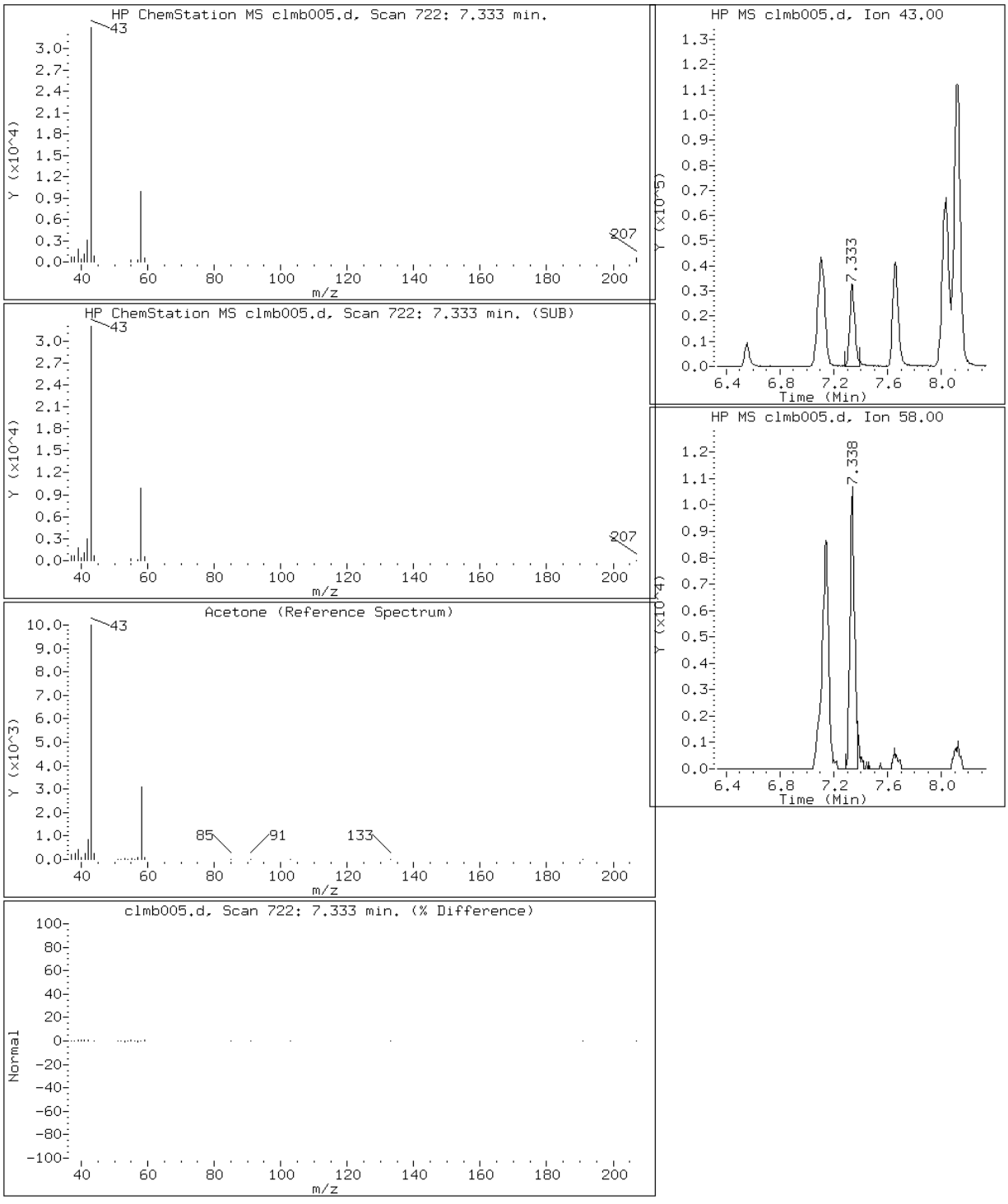
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

20 Acetone



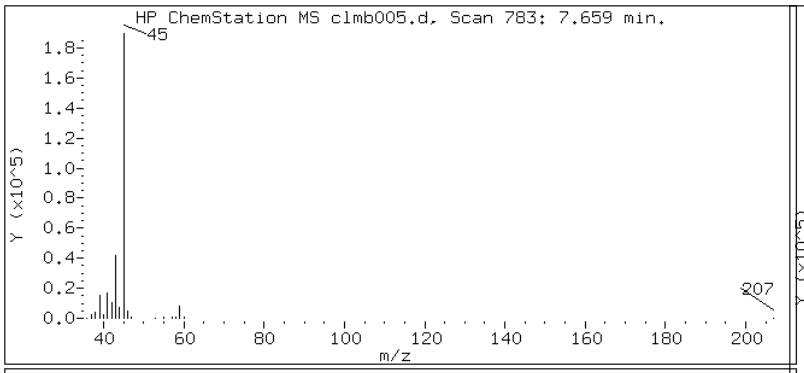
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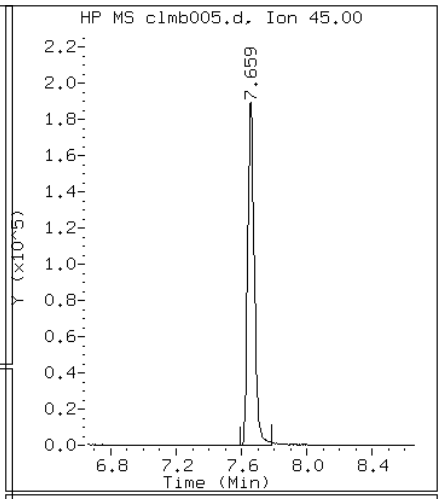
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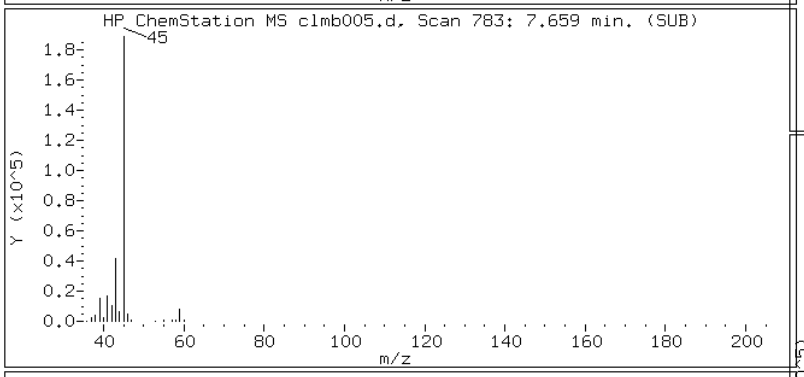
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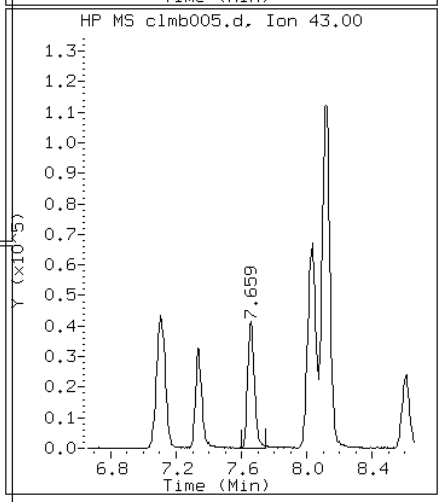
Sample Info: 280-39902-A-1 Operator: wrd

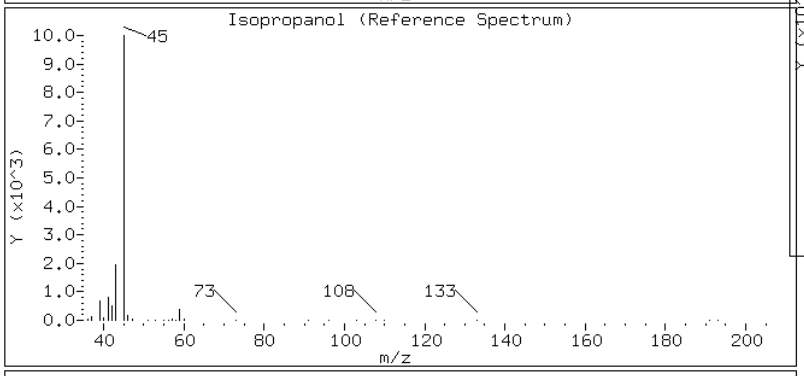
22 Isopropanol

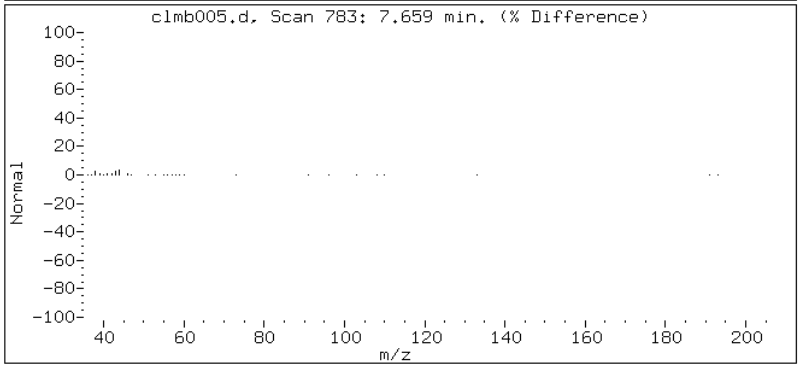












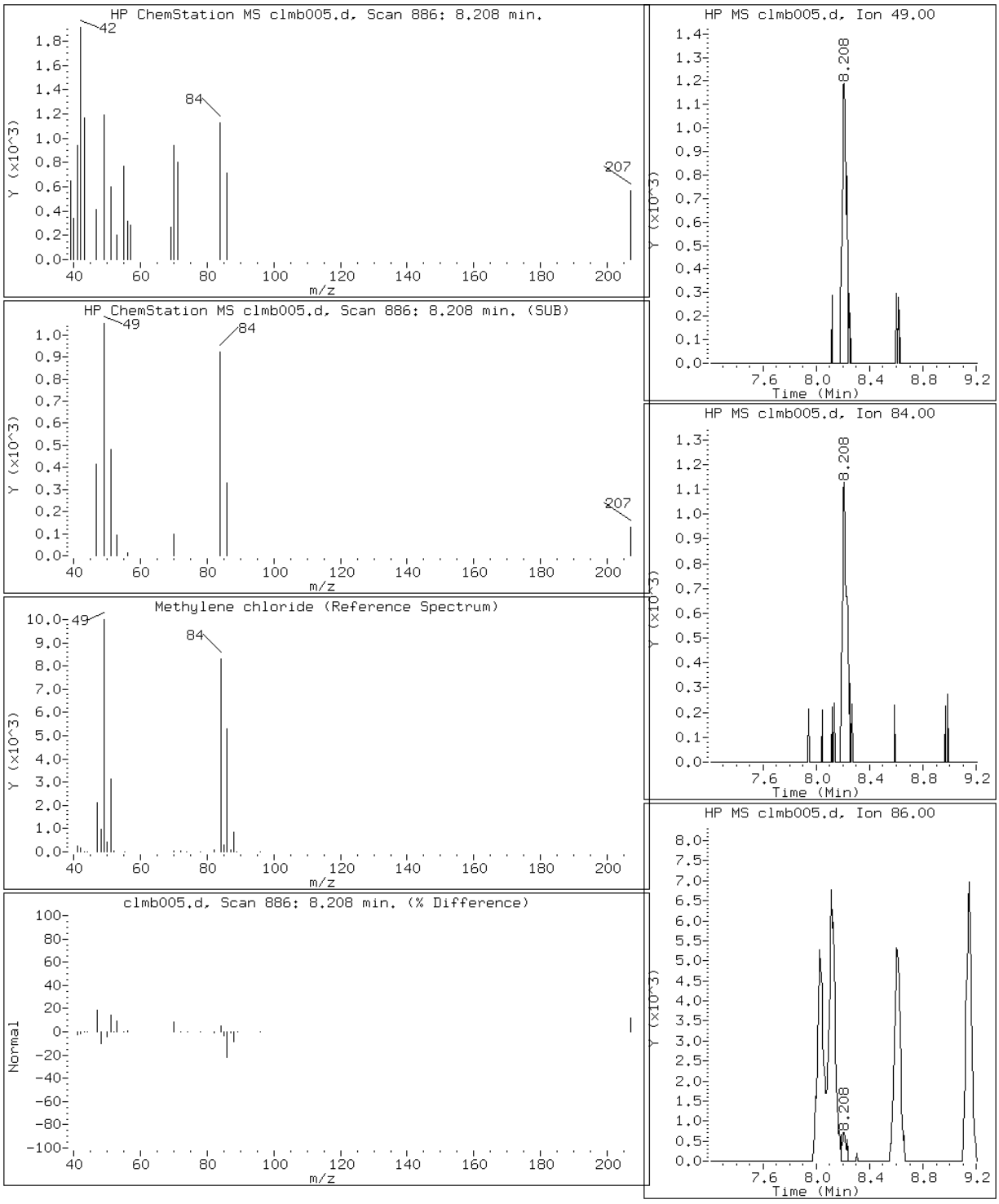
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

25 Methylene chloride



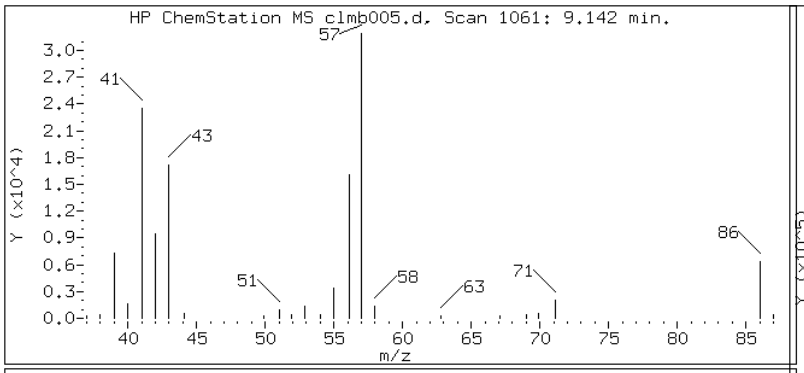
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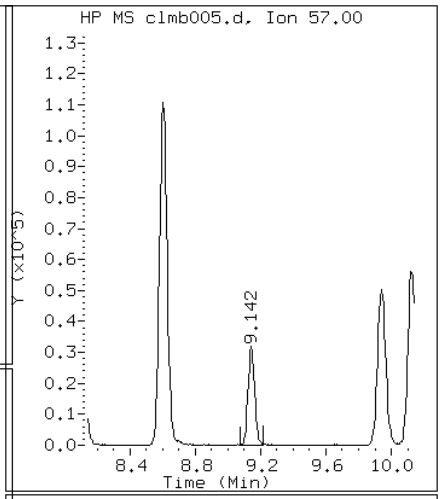
Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

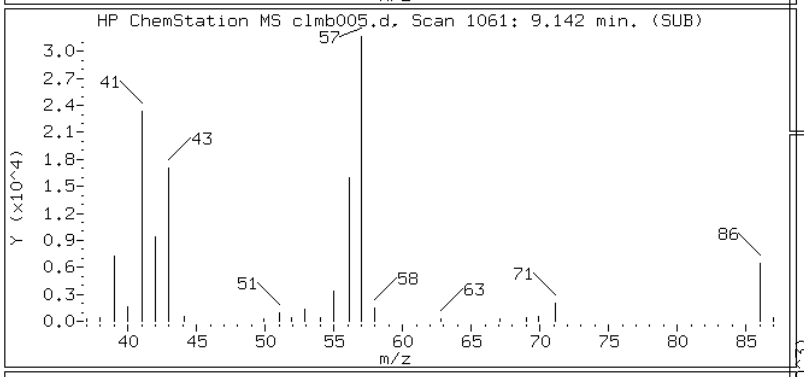
Client ID: 786VMP0102HA Instrument: C.i

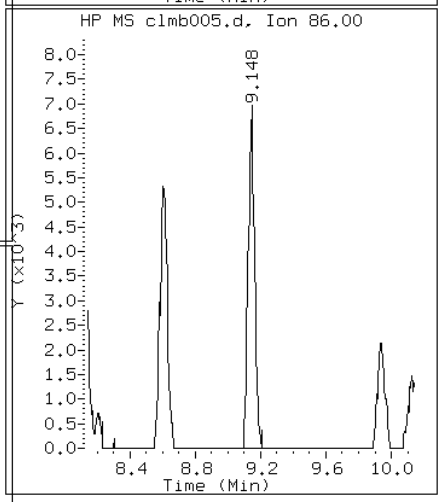
Sample Info: 280-39902-A-1 Operator: wrd

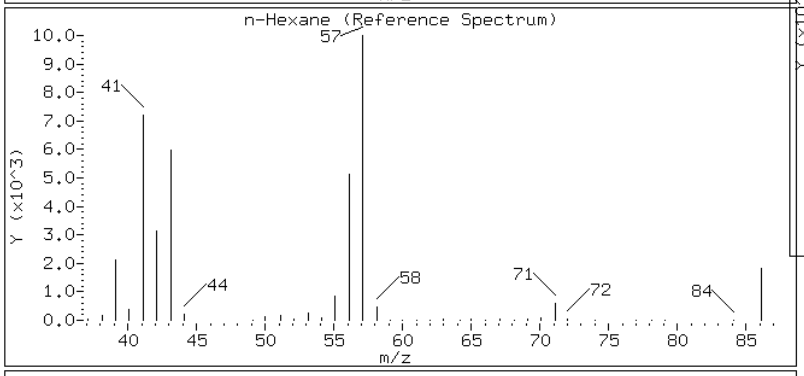
30 n-Hexane

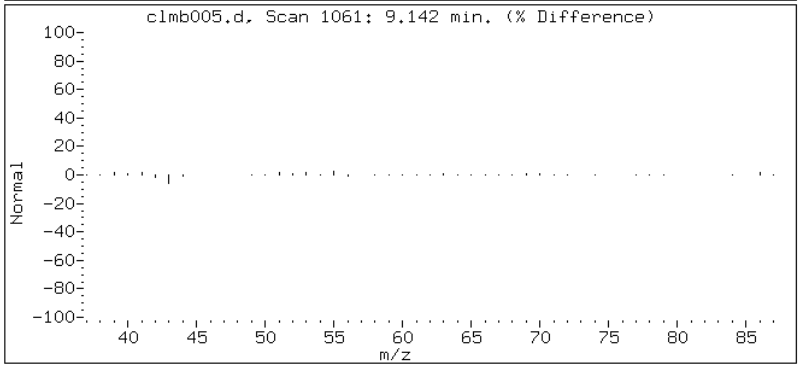












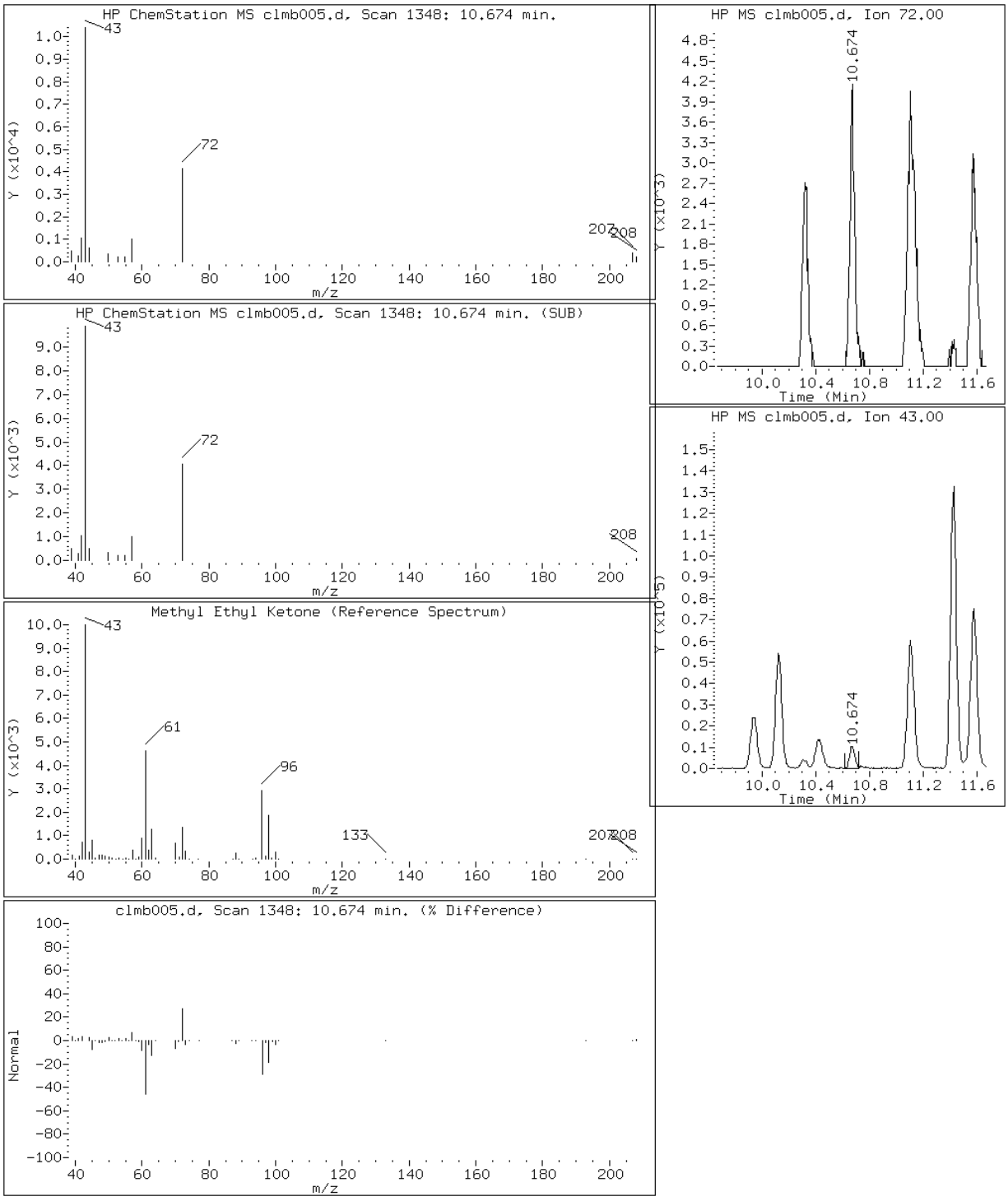
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

36 Methyl Ethyl Ketone



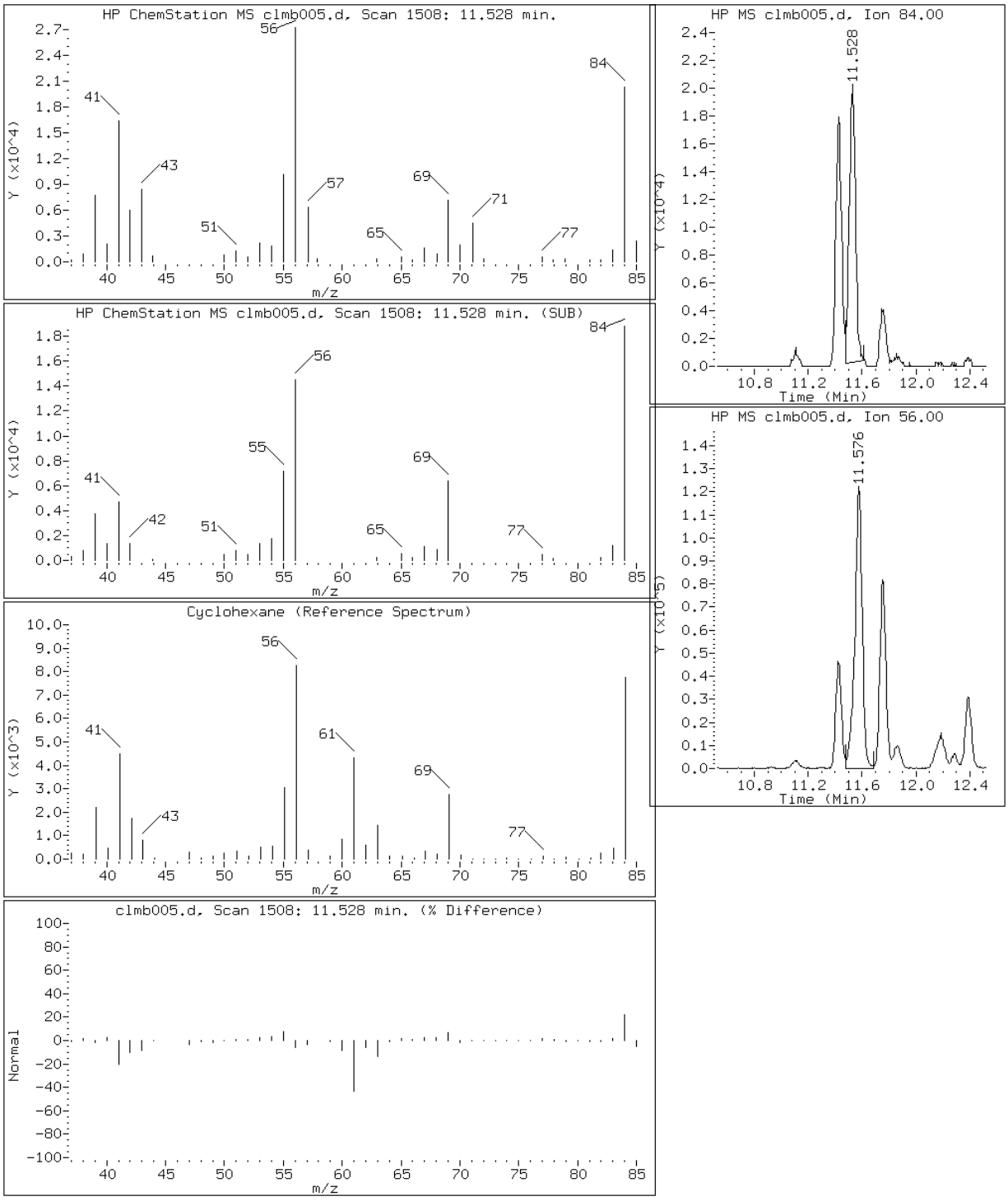
Data File: clmb005.d

Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

40 Cyclohexane



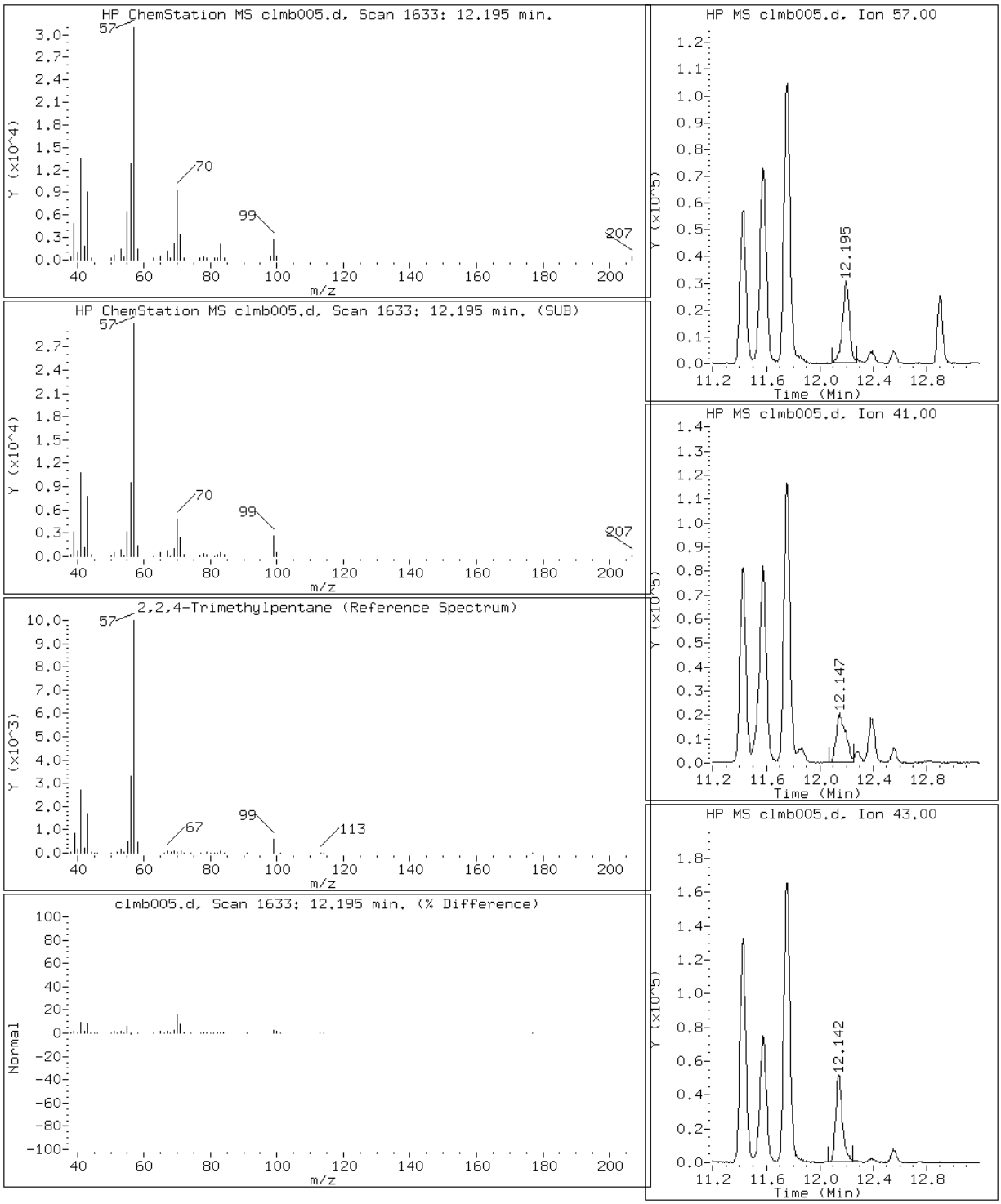
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

43 2,2,4-Trimethylpentane



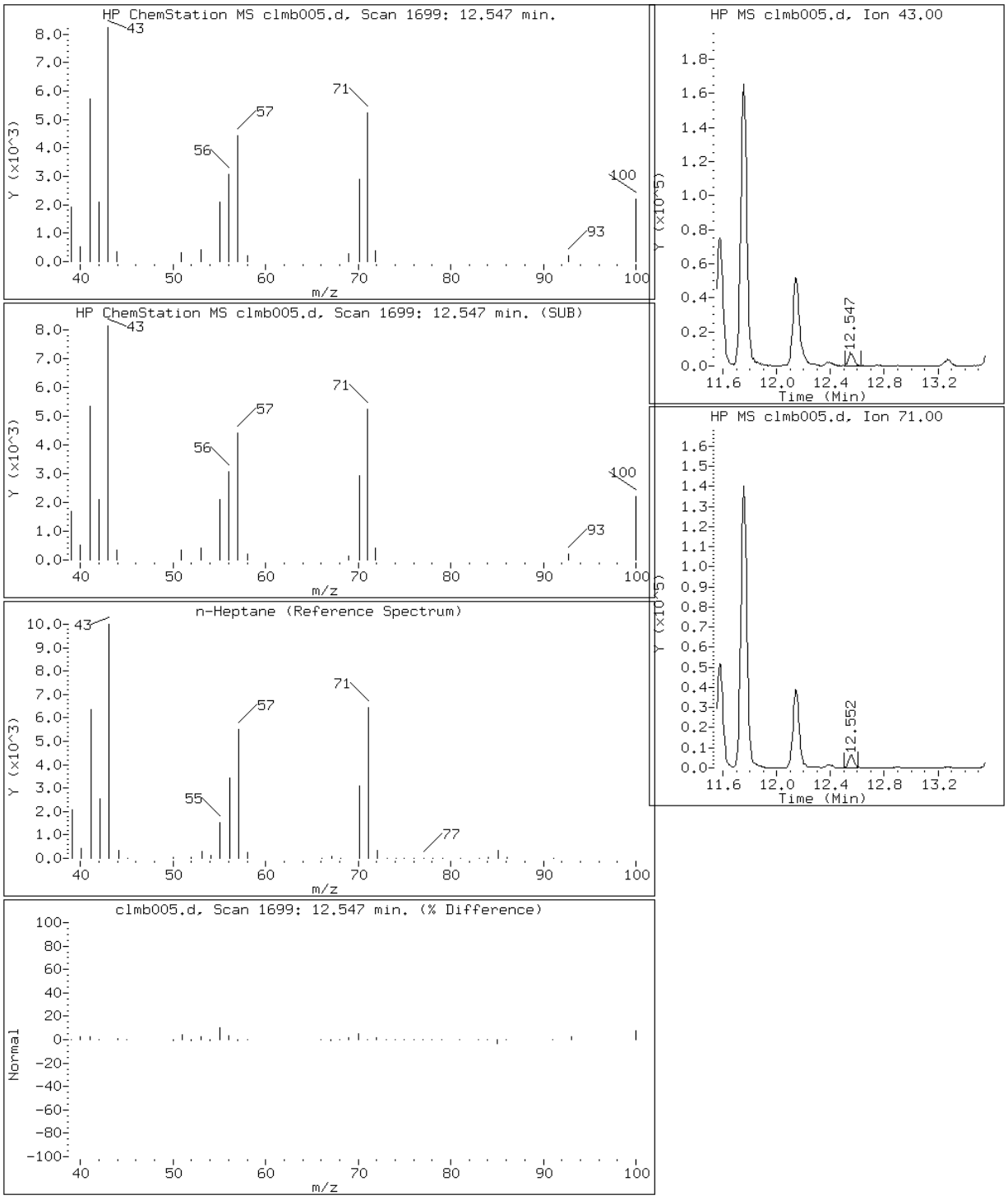
Data File: clmb005.d

Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

46 n-Heptane



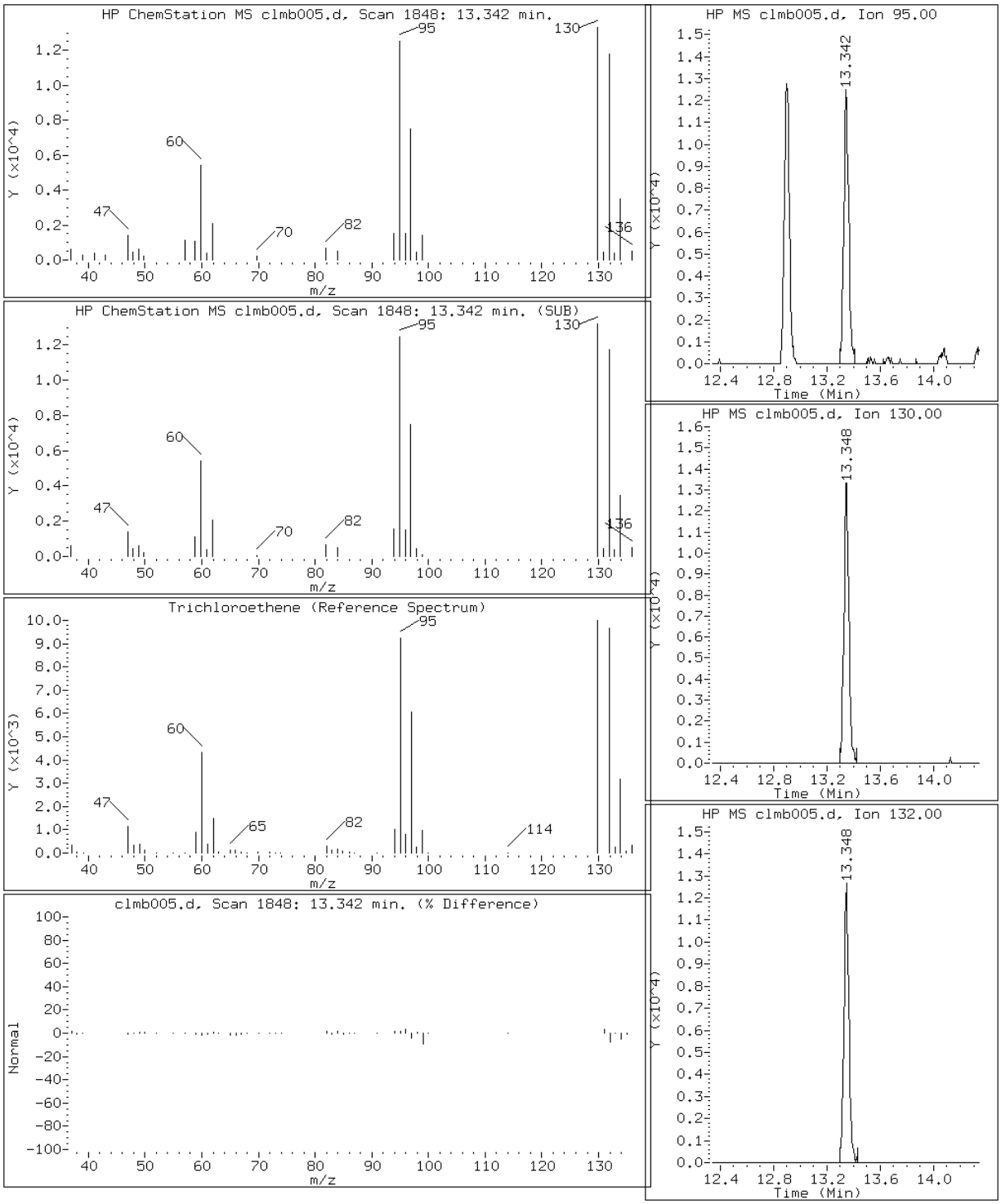
Data File: clmb005.d

Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

49 Trichloroethene



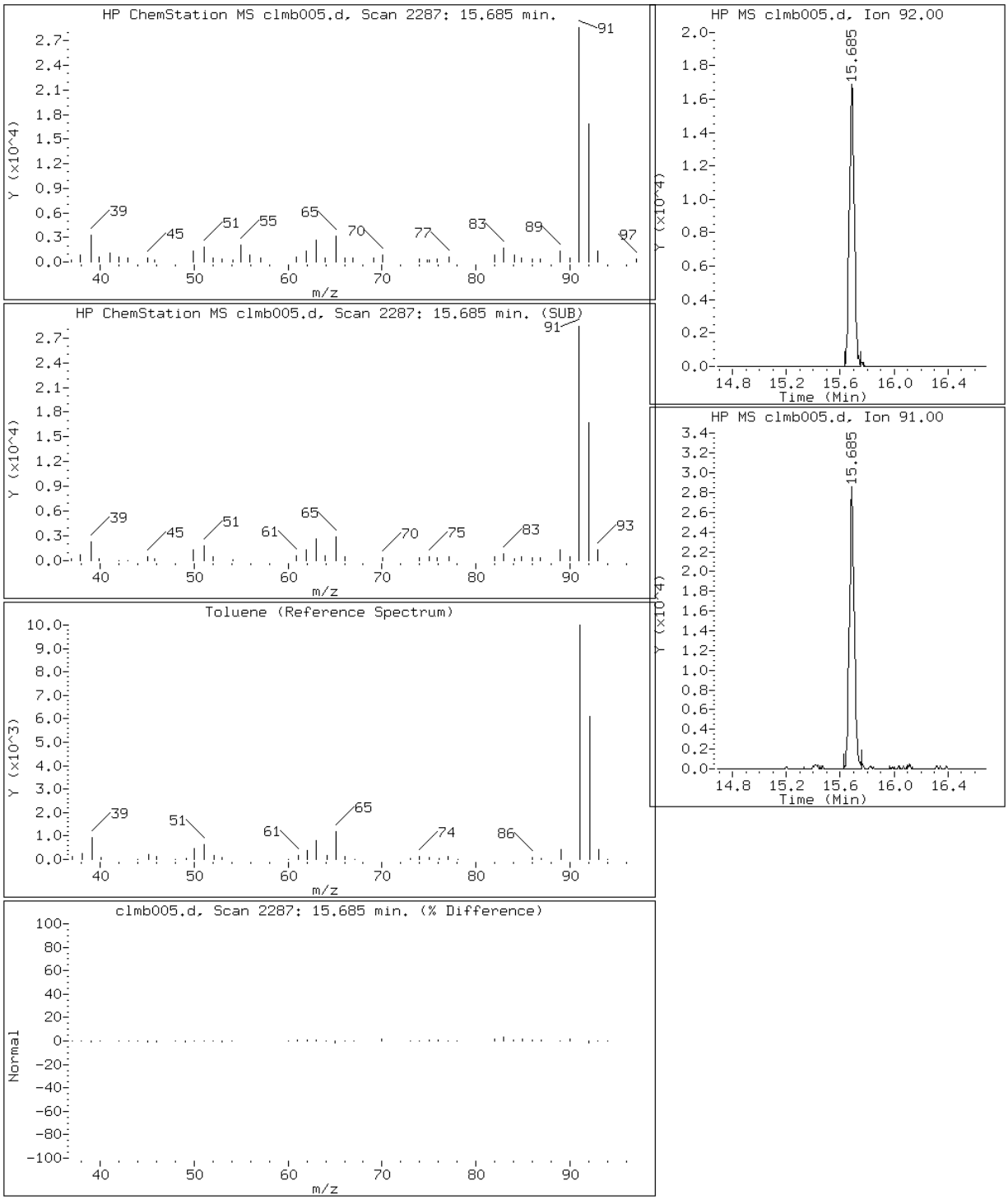
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

58 Toluene



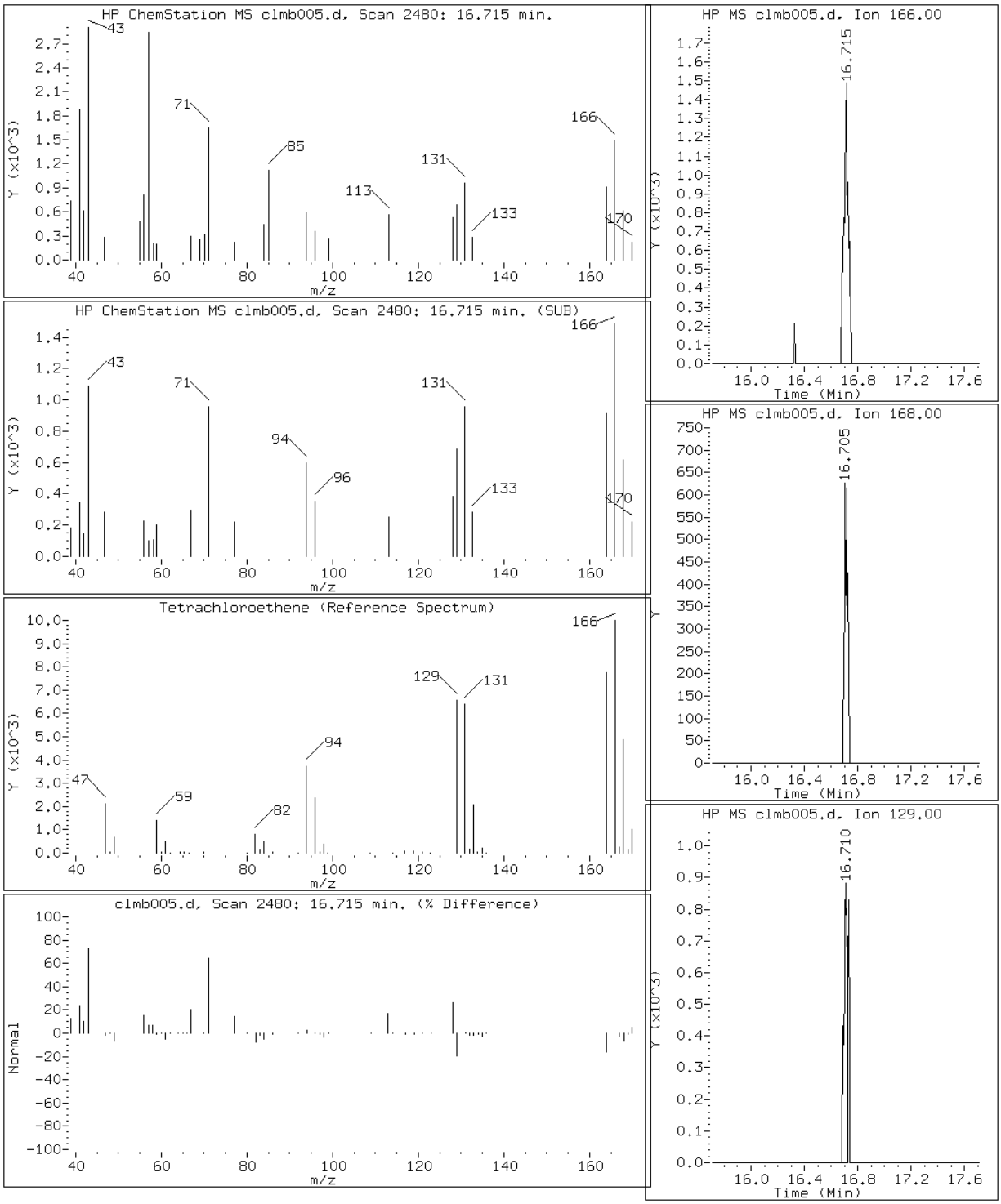
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

61 Tetrachloroethene



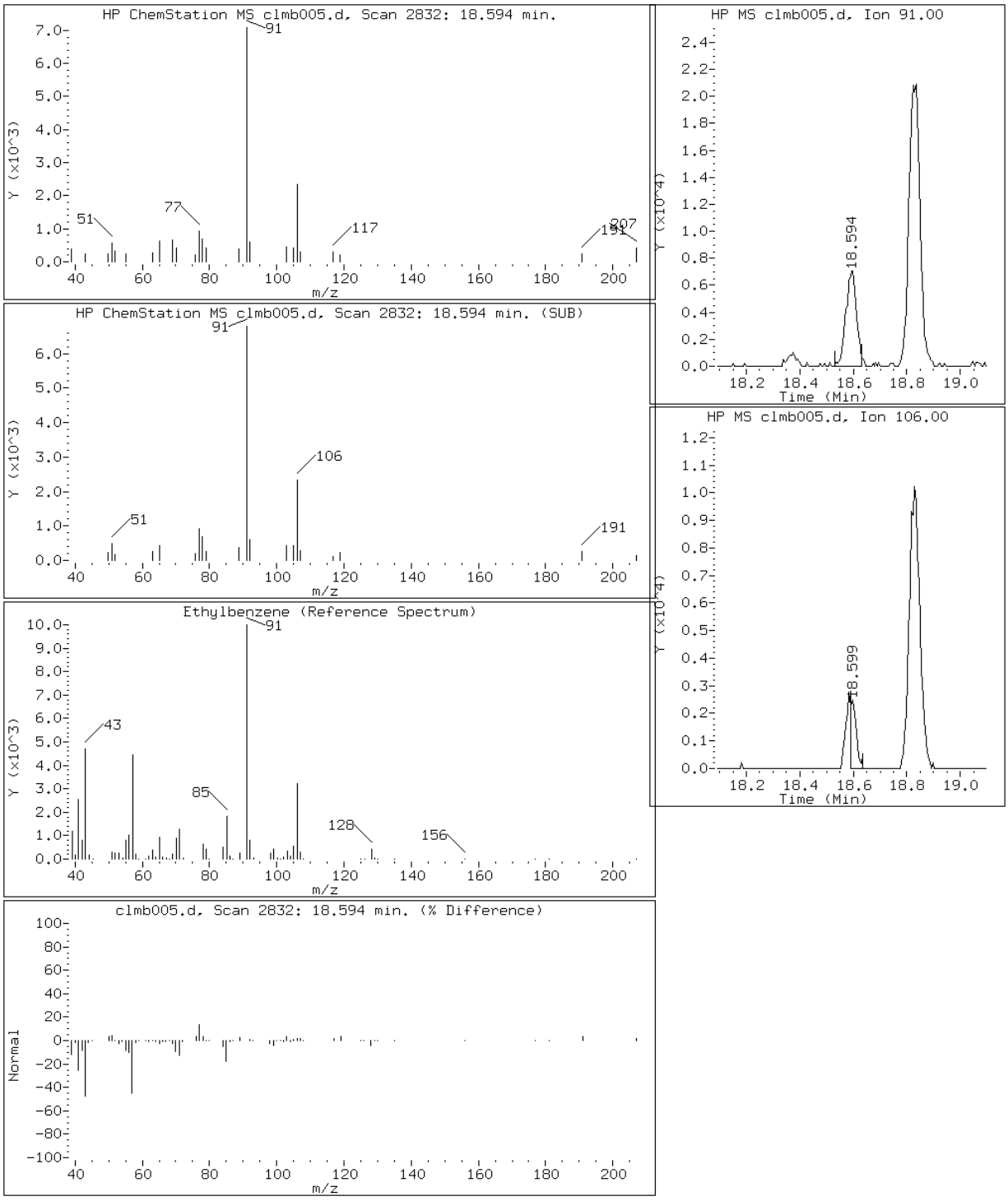
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

68 Ethylbenzene



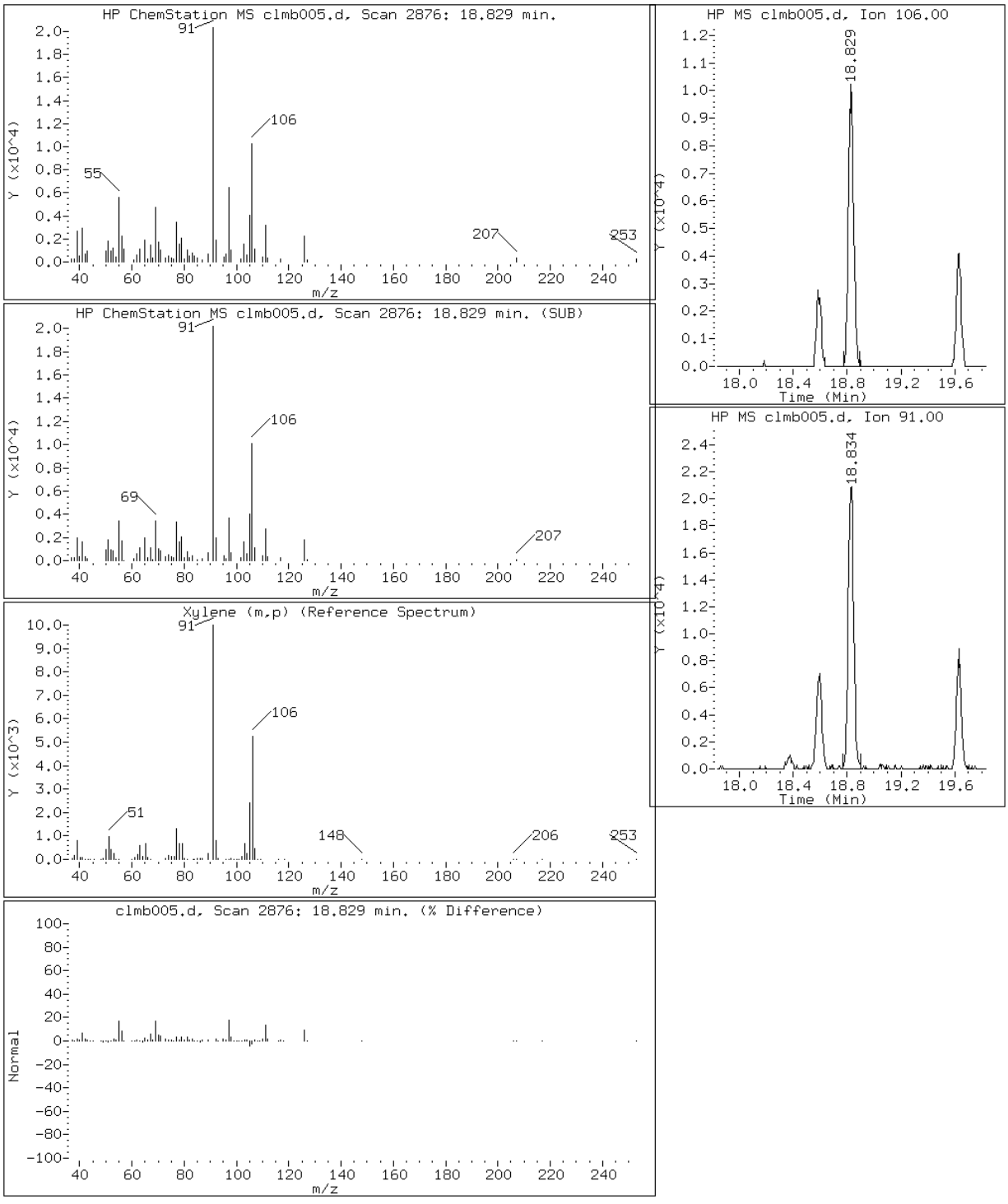
Data File: clmb005.d

Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

69 Xylene (m,p)



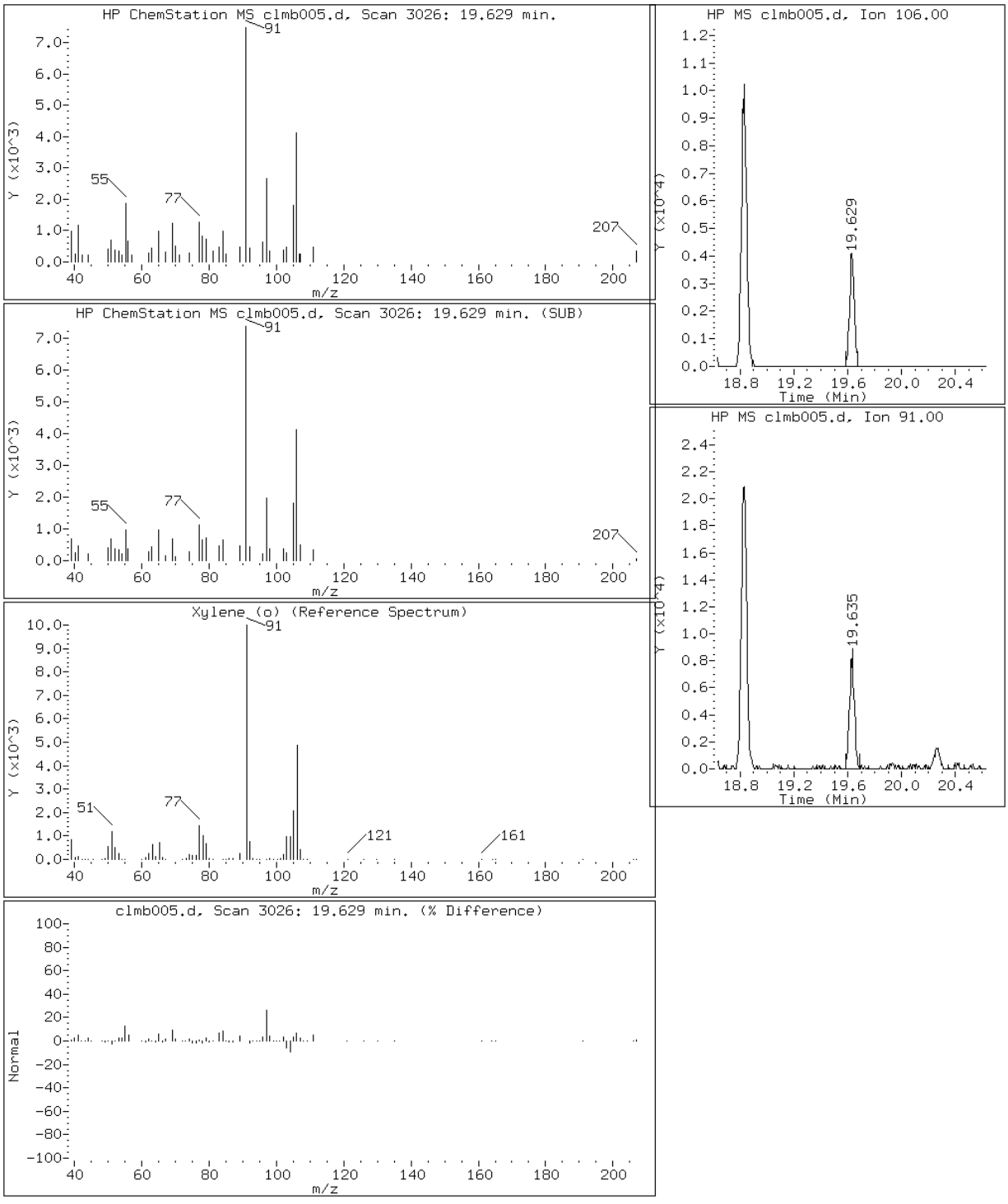
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

71 Xylene (o)



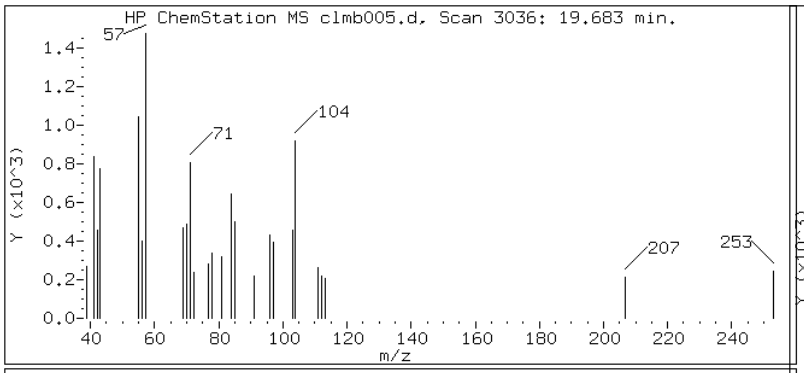
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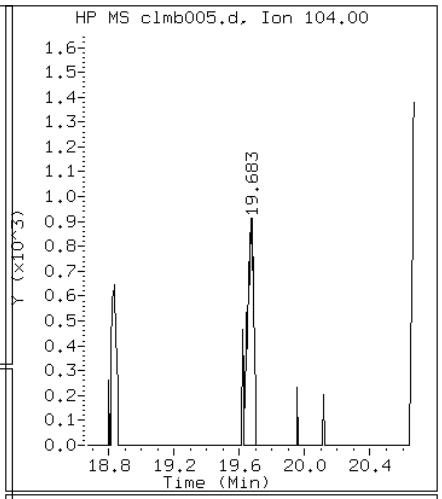
Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

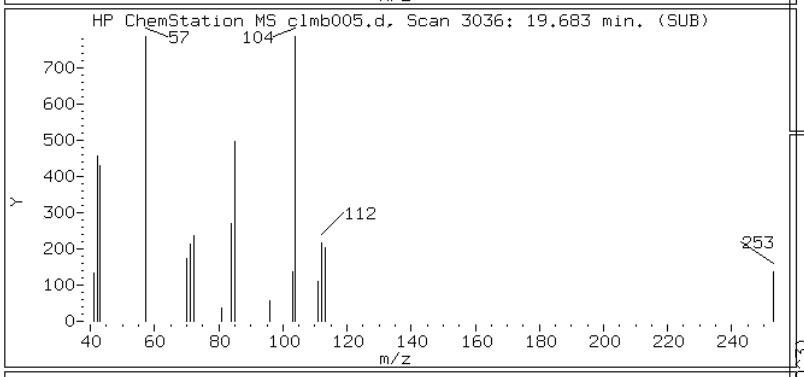
Client ID: 786VMP0102HA Instrument: C.i

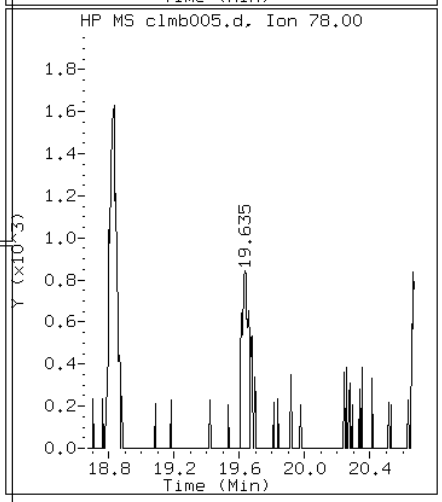
Sample Info: 280-39902-A-1 Operator: wrd

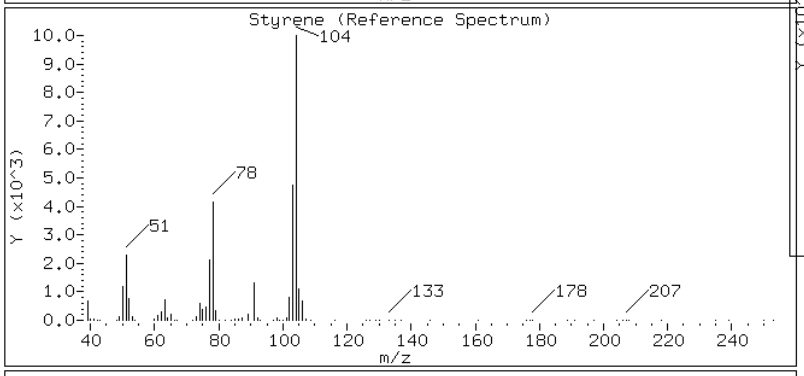
72 Styrene

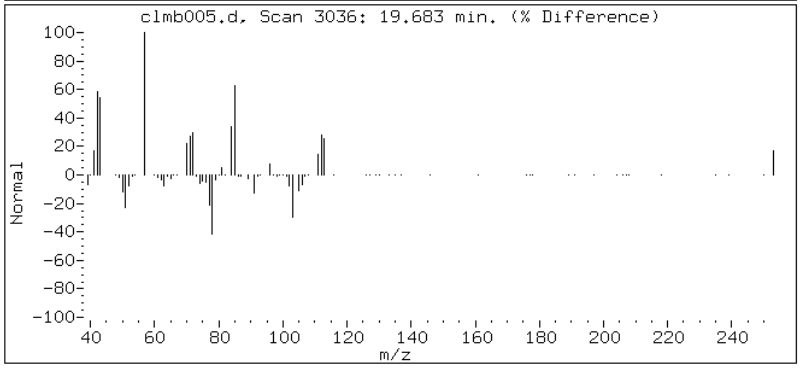












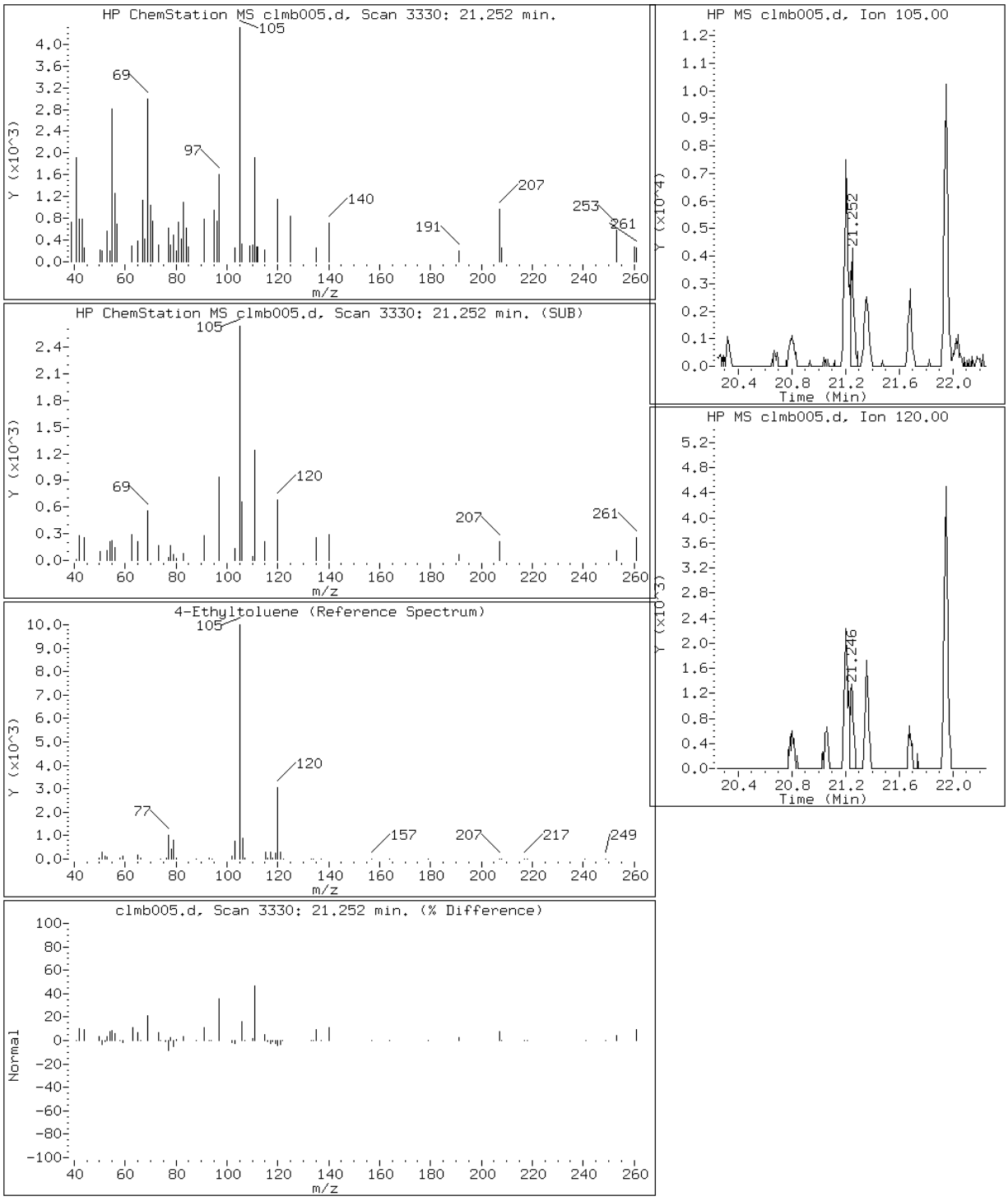
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

79 4-Ethyltoluene



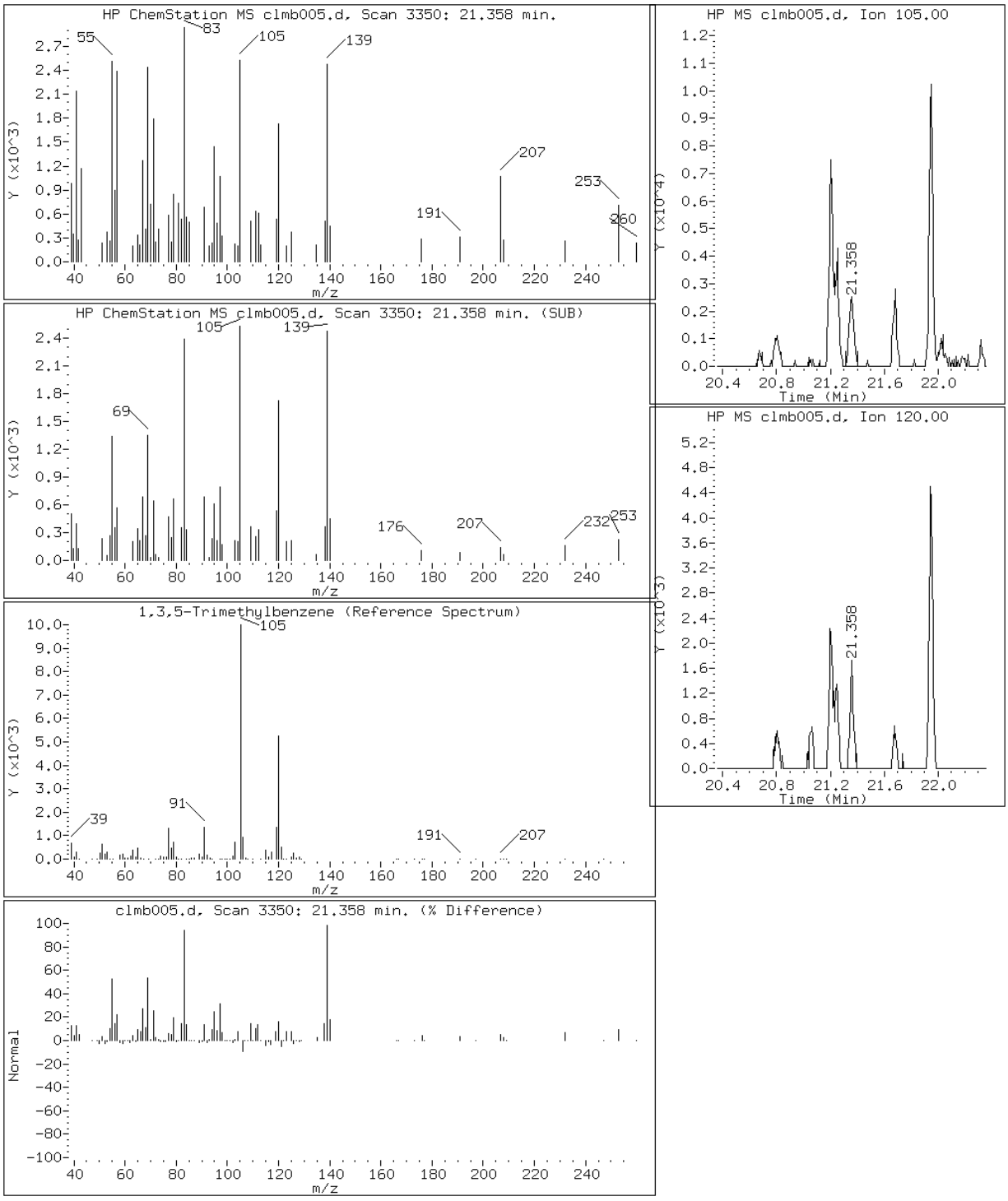
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

81 1,3,5-Trimethylbenzene



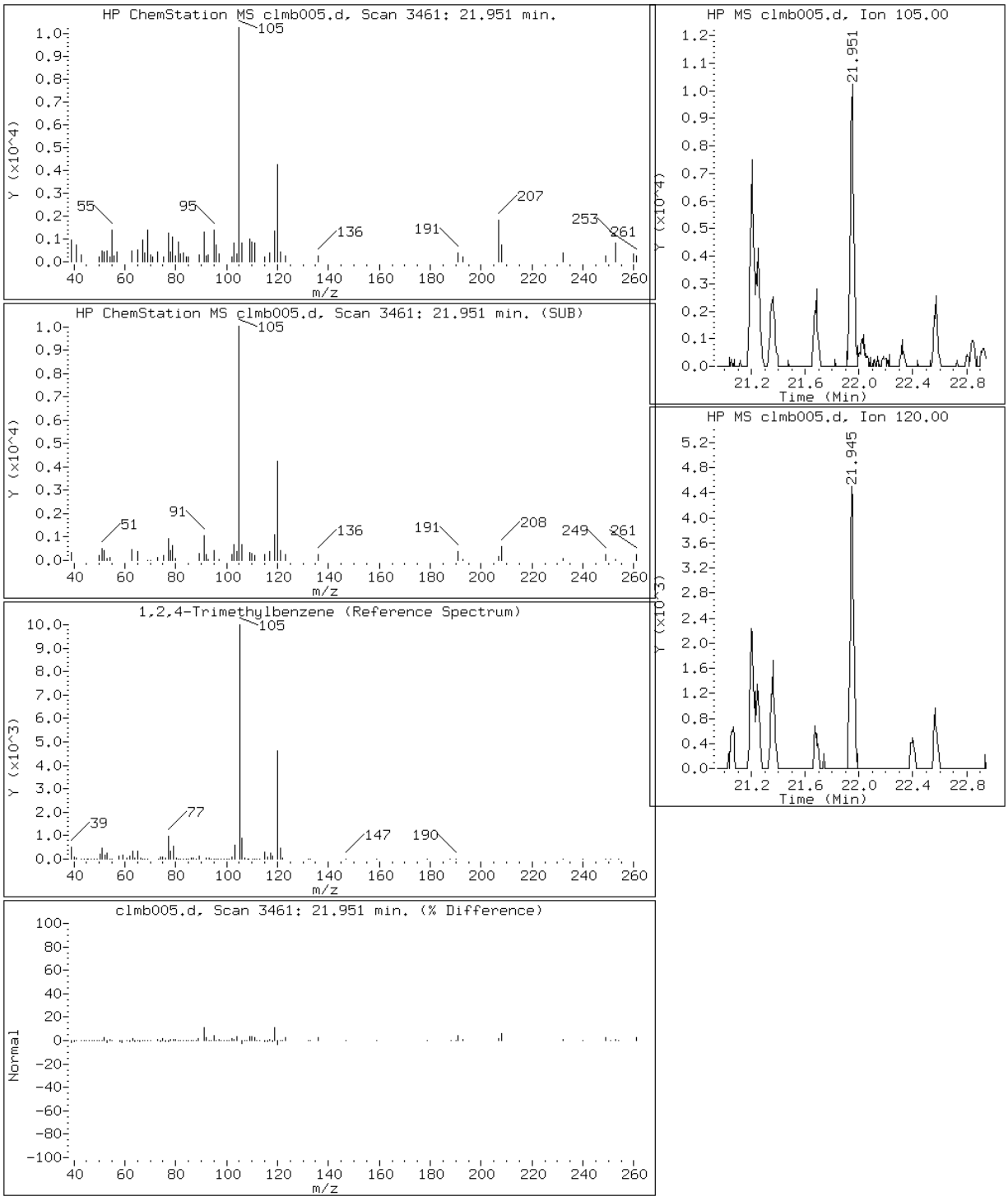
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

84 1,2,4-Trimethylbenzene



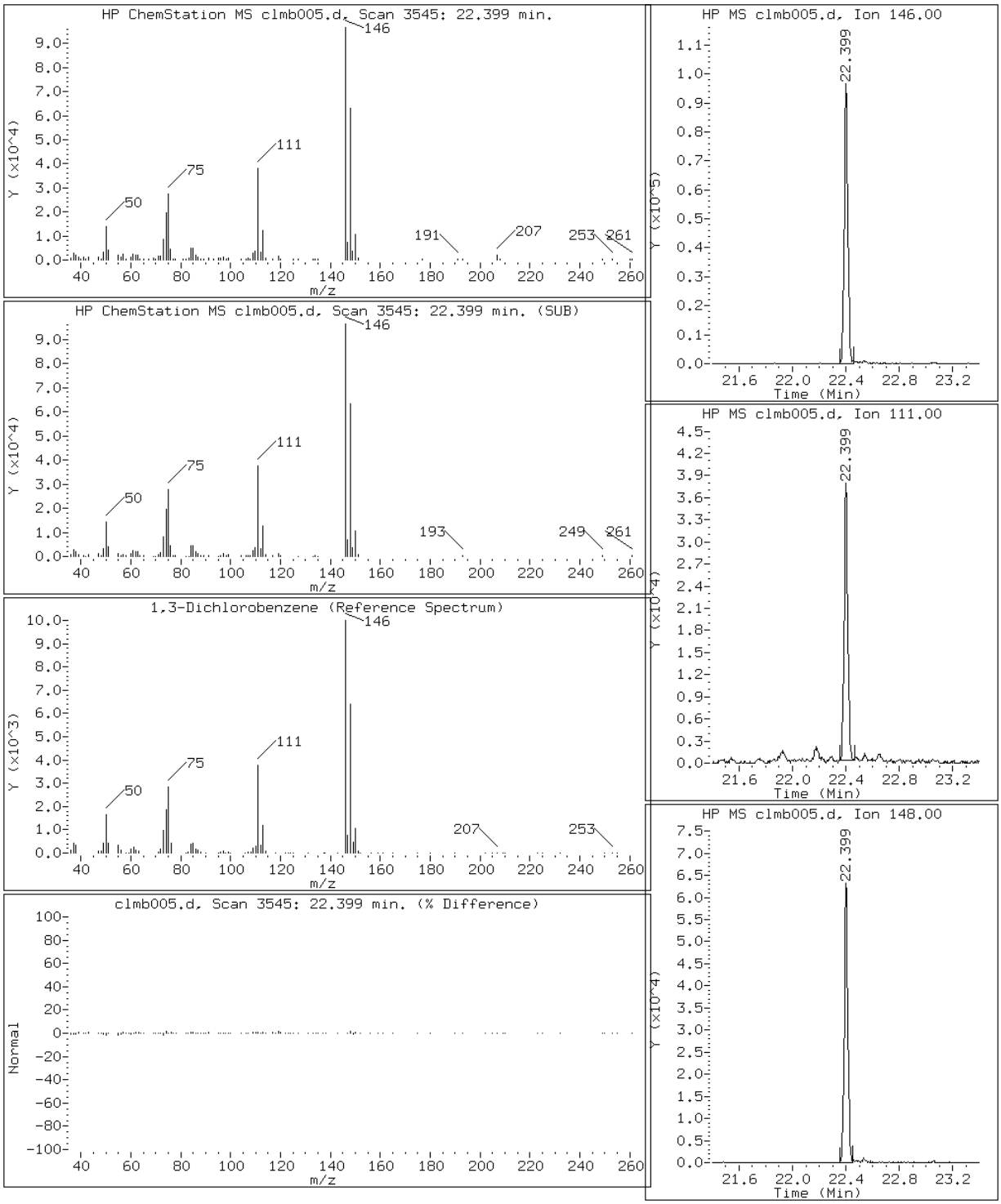
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Lab Sample ID: 280-39902-1 Date: 01-APR-2013 12:23

Client ID: 786VMP0102HA Instrument: C.i

Sample Info: 280-39902-A-1 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb005.d
Lab Sample ID: 280-39902-1
Inj. Date and Time: 01-APR-2013 12:23
Instrument ID: C.i
Client ID: 786VMP0102HA
Compound: 72 Styrene
CAS #: 100-42-5
Report Date: 04/02/2013

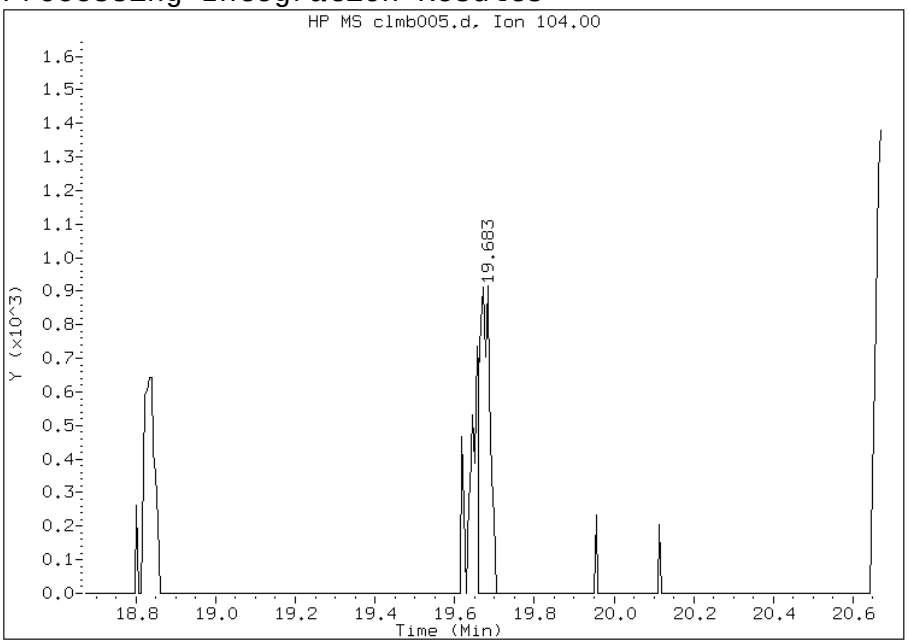
Processing Integration Results

RT: 19.68

Response: 1652

Amount: 0.032533

Conc: 0.032533



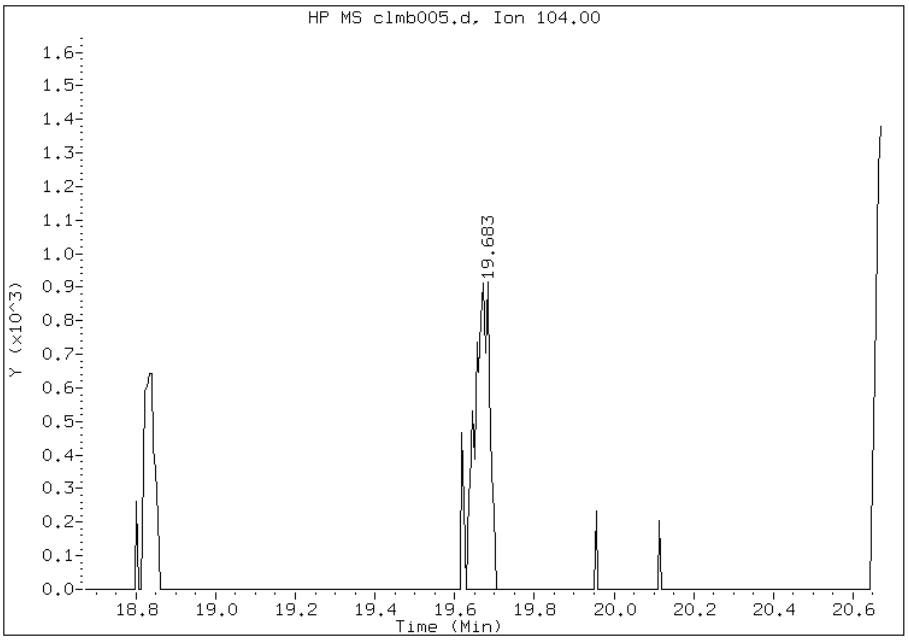
Manual Integration Results

RT: 19.68

Response: 2375

Amount: 0.046771

Conc: 0.046771



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

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA Lab Sample ID: 280-39902-2

Matrix: Air Lab File ID: clmb012.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 18:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.55		0.50	0.020
75-45-6	Freon 22	86.47	0.28	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.080	U	0.50	0.034
106-97-8	n-Butane	58.12	0.55		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.021
76-13-1	Freon TF	187.38	0.098	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	11		5.0	0.40
67-63-0	*Isopropyl alcohol*	*60.10*	*70*	*J*	*5.0*	*0.076*
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.24	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	4.2		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	2.4		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.48		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	2.6		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.065	J M	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.5		0.20	0.015
71-43-2	Benzene	78.11	0.21		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA Lab Sample ID: 280-39902-2

Matrix: Air Lab File ID: clmb012.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 18:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.90		0.20	0.017
79-01-6	Trichloroethene	131.39	1.2		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	1.4		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.37		0.20	0.015
179601-23-1	m,p-Xylene	106.17	1.4		0.50	0.022
95-47-6	Xylene, o-	106.17	0.51		0.20	0.016
1330-20-7	Xylene (total)	106.17	2.0		0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.075	J	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.089	J	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.29		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	4.7		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA Lab Sample ID: 280-39902-2

Matrix: Air Lab File ID: clmb012.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 18:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA Lab Sample ID: 280-39902-2

Matrix: Air Lab File ID: clmb012.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 18:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.099
75-45-6	Freon 22	86.47	0.98	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.17	U	1.0	0.070
106-97-8	n-Butane	58.12	1.3		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	0.75	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	25		12	0.95
67-63-0	*Isopropyl alcohol*	*60.10*	*170*	*J*	*12*	*0.19*
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.83	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	15		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	7.0		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	2.4		0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	9.1		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.41	J M	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	6.8		0.93	0.070
71-43-2	Benzene	78.11	0.66		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA Lab Sample ID: 280-39902-2

Matrix: Air Lab File ID: clmb012.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 18:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	3.7		0.82	0.070
79-01-6	Trichloroethene	131.39	6.3		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	5.2		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	1.6		0.87	0.065
179601-23-1	m,p-Xylene	106.17	6.3		2.2	0.096
95-47-6	Xylene, o-	106.17	2.2		0.87	0.069
1330-20-7	Xylene (total)	106.17	8.5		0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.37	J	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.44	J	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	1.4		0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	28		1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA Lab Sample ID: 280-39902-2

Matrix: Air Lab File ID: clmb012.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 18:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-2
Client Smp ID: 786VMP0202HA
Inj Date : 01-APR-2013 18:33
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-2
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.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)
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	46679	0.55473	0.55
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	10394	0.27677	0.28(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	4.387	4.376	(0.396)	13565	0.54856	0.55
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	19396	0.25745	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.130	7.125	(0.644)	4279	0.09800	0.098(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.333	7.333	(0.662)	206322	10.5437	11(Q)
21 Carbon disulfide	76	Compound Not Detected.					

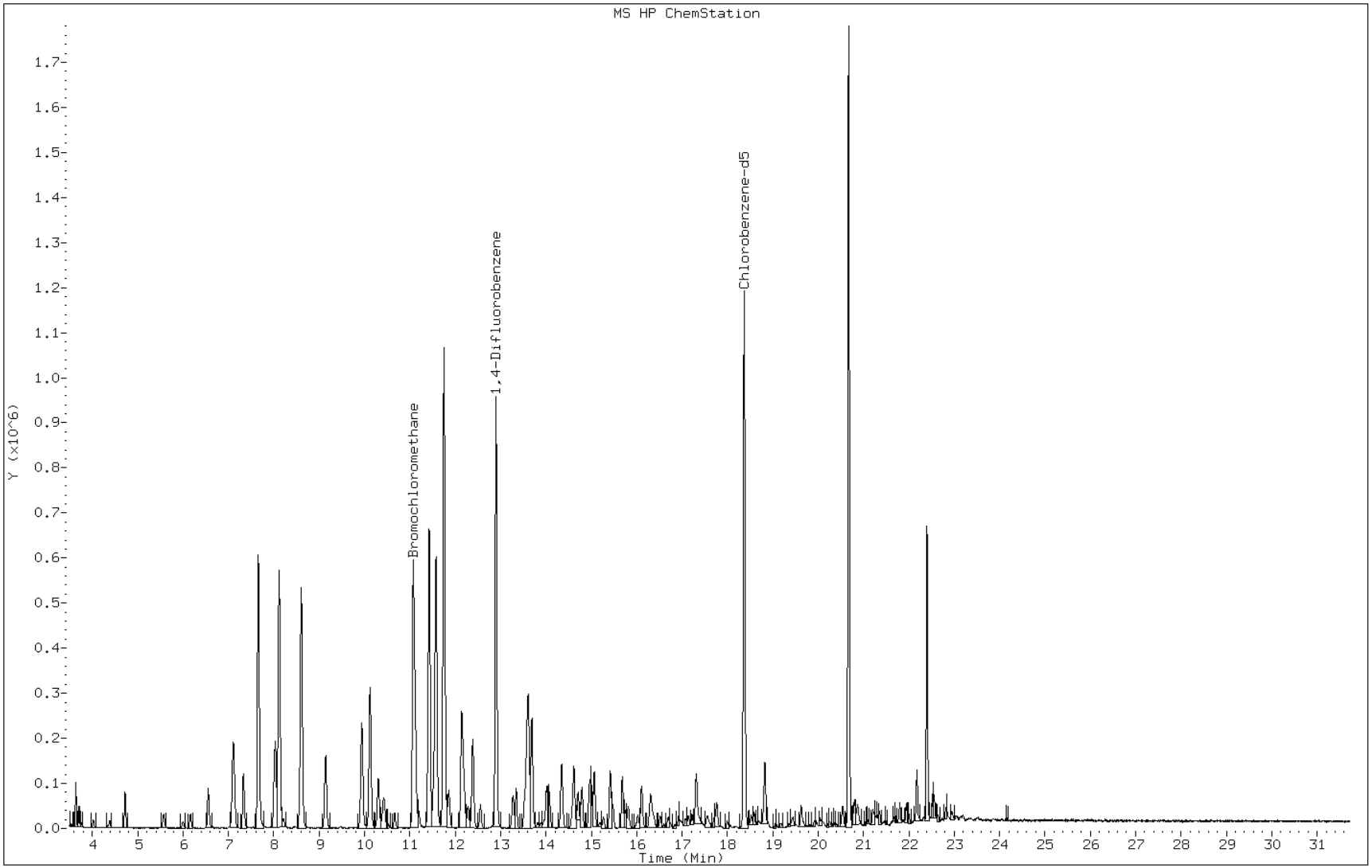
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	7.658	7.658	(0.692)	1084590	70.0754	70(A)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.208	8.208	(0.741)	4516	0.23780	0.24(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.142	9.142	(0.826)	117790	4.24980	4.2
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.674	10.668	(0.964)	19289	2.35769	2.4
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	214374	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	11.202	11.202	(1.012)	25751	0.48293	0.48(Q)
	40 Cyclohexane	84	11.522	11.522	(0.893)	78186	2.64747	2.6(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.757	11.763	(0.911)	4392	0.06472	0.065(aM)
	43 2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	124558	1.46218	1.5(Q)
	44 Benzene	78	12.157	12.152	(0.942)	13383	0.20650	0.21
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.552	12.552	(0.973)	23823	0.89875	0.90
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1164817	10.0000	
	49 Trichloroethene	95	13.342	13.342	(1.034)	40343	1.16641	1.2
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.680	15.685	(0.854)	69730	1.38853	1.4
	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	18.370	18.375	(1.000)	1114126	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.588	18.594	(1.012)	39500	0.36575	0.37
	69 Xylene (m,p)	106	18.829	18.834	(1.025)	58531	1.44746	1.4
M	70 Xylenes, Total	106				78955	1.96066	2.0
	71 Xylene (o)	106	19.629	19.629	(1.069)	20424	0.51320	0.51
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	21.246	21.246	(1.157)	8845	0.07523	0.075(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	9306	0.08855	0.089(aQ)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	29721	0.28987	0.29(Q)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	336925	4.65318	4.7(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clmb012.d	Date:	01-APR-2013 18:33
Client ID:	786VMP0202HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-2		
Lab Sample ID:	280-39902-2		



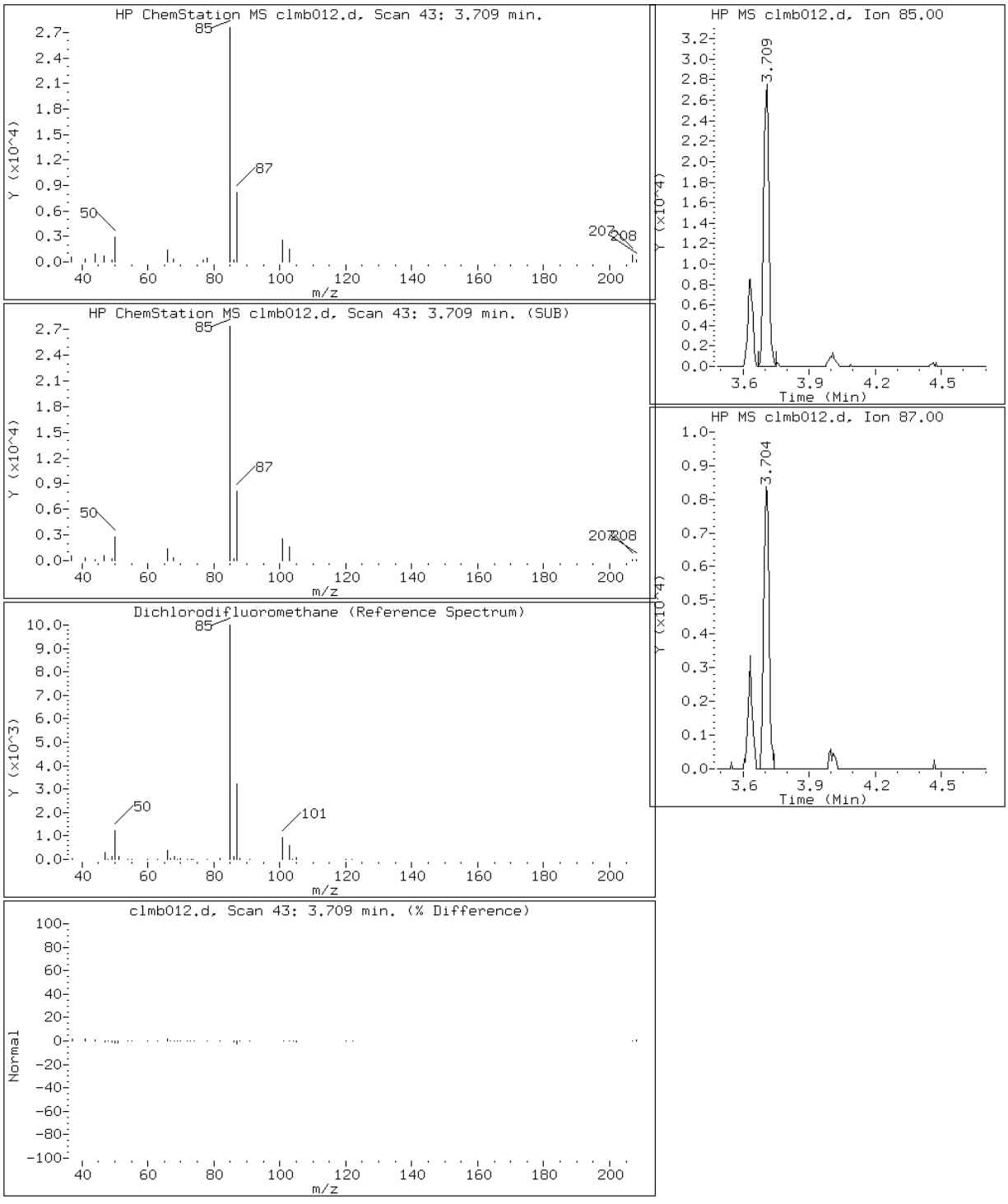
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

2 Dichlorodifluoromethane



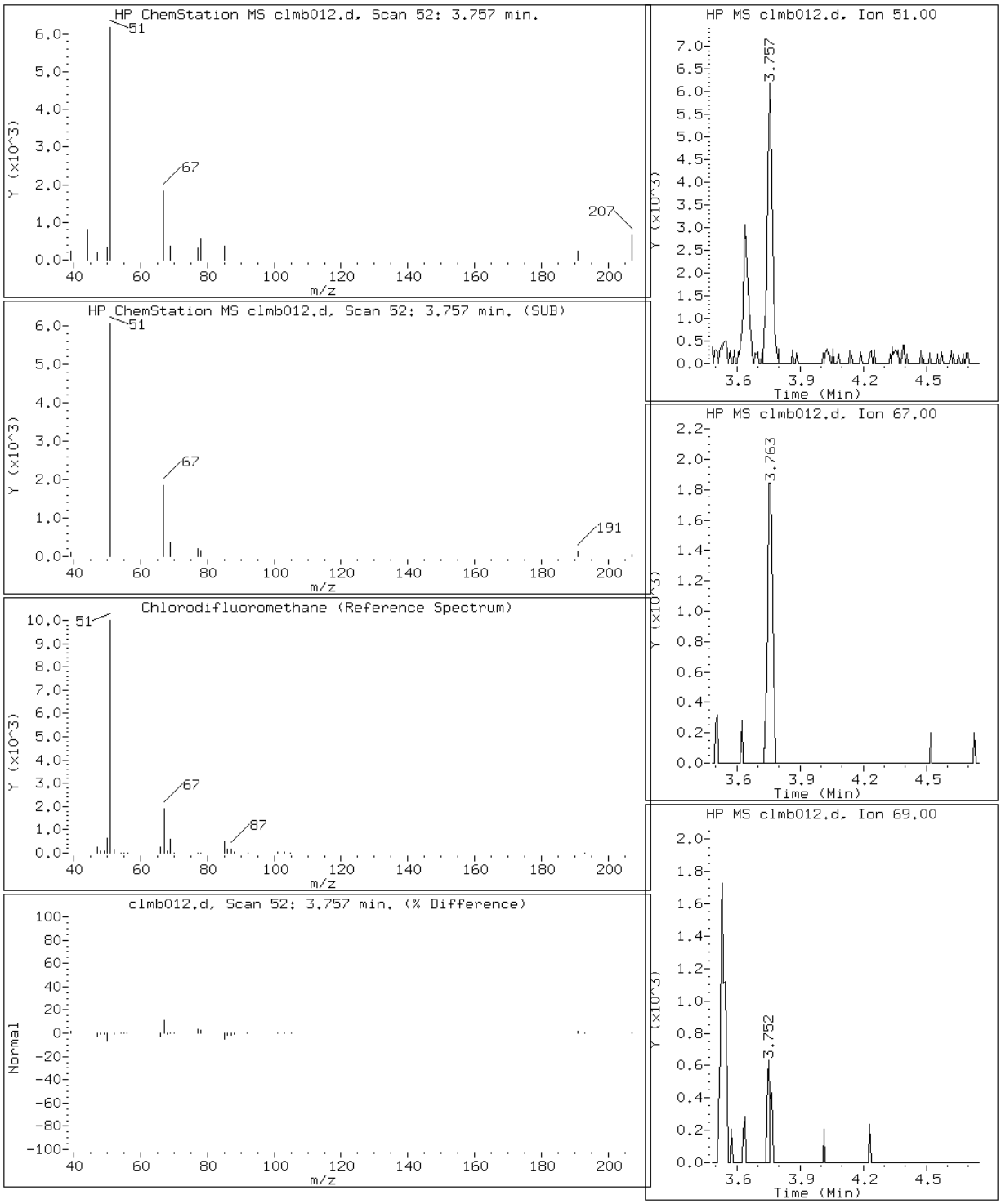
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

3 Chlorodifluoromethane



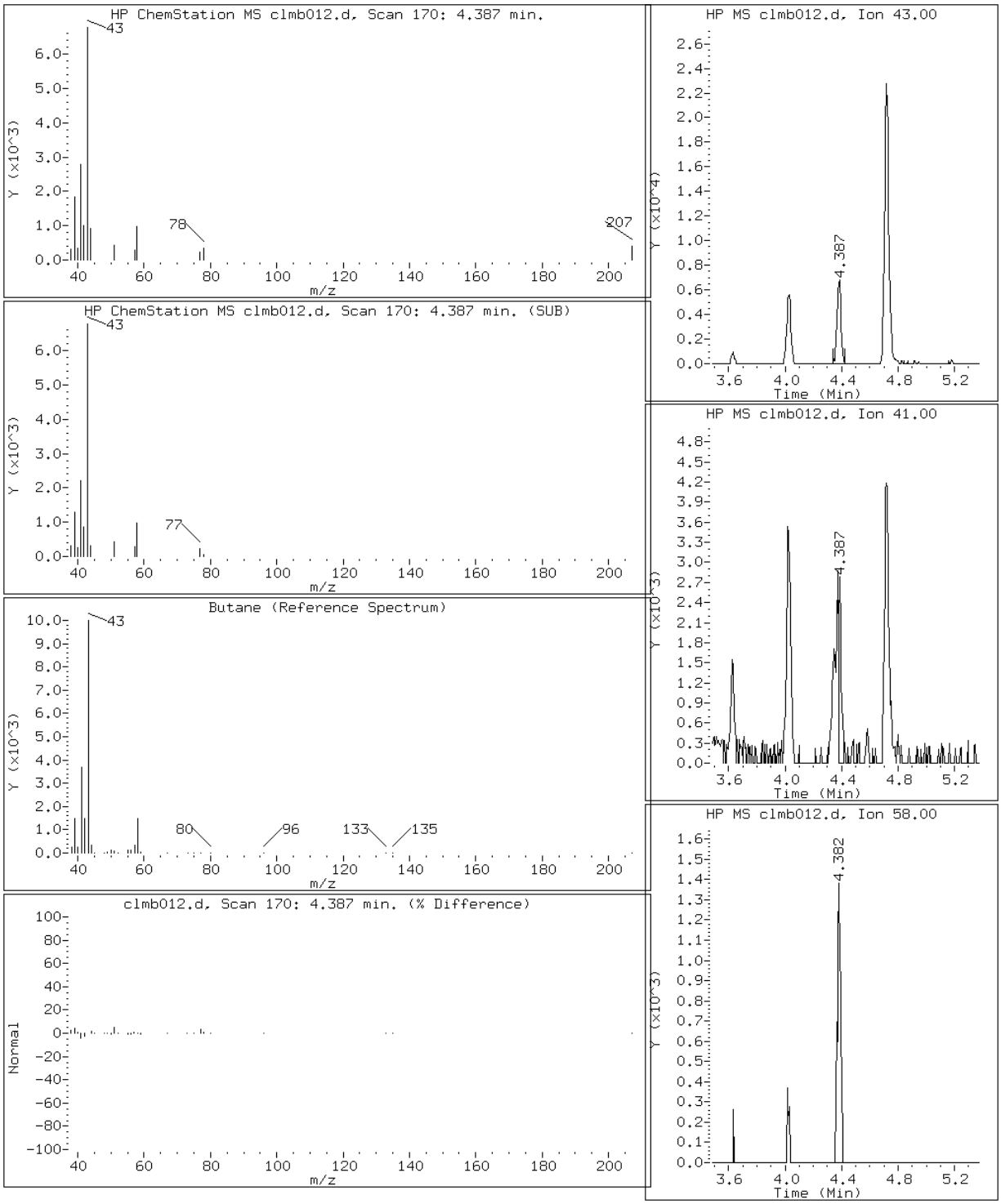
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

6 Butane



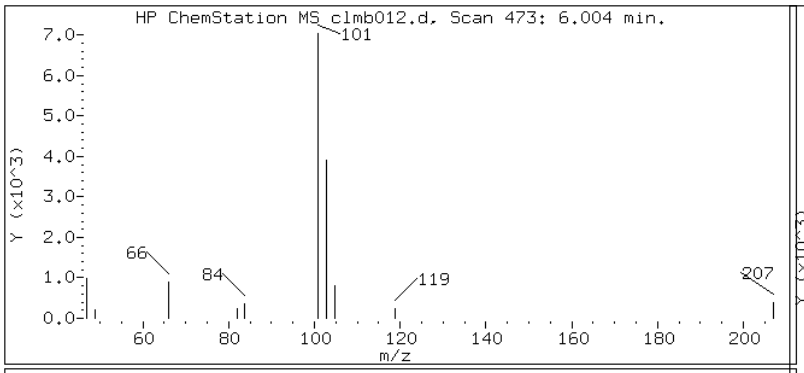
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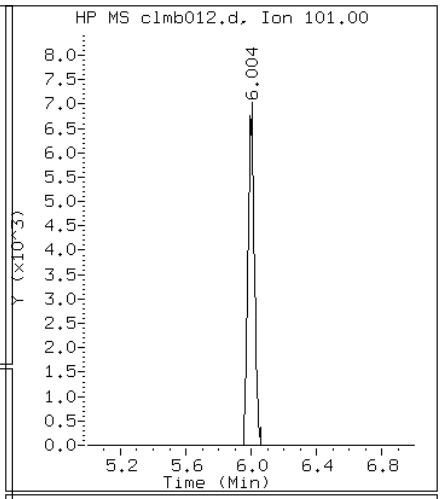
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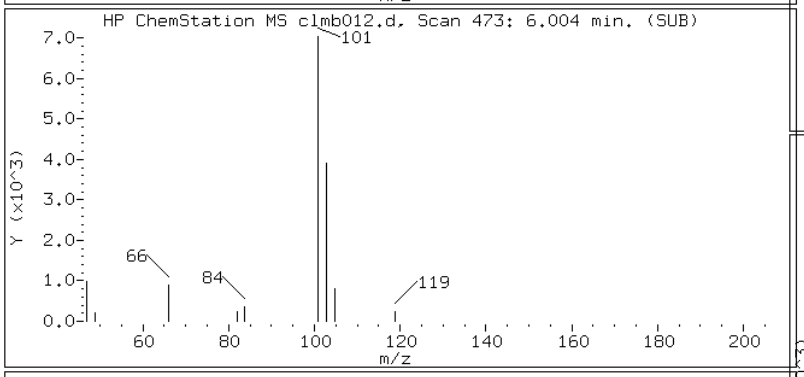
Client ID: 786VMP0202HA Instrument: C.i

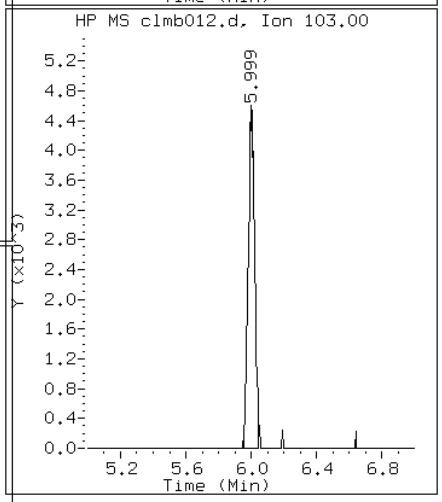
Sample Info: 280-39902-A-2 Operator: wrd

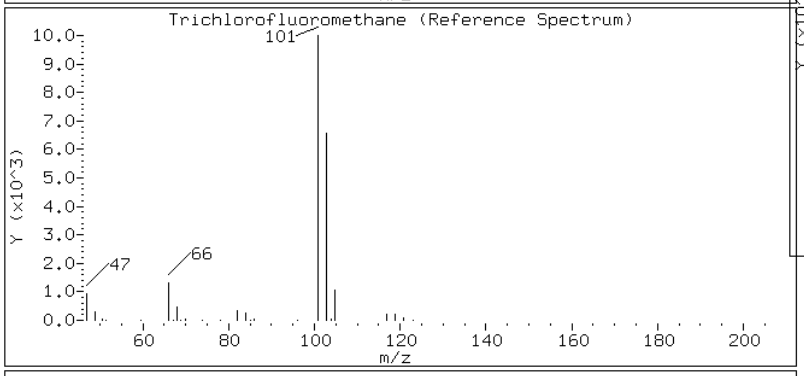
13 Trichlorofluoromethane

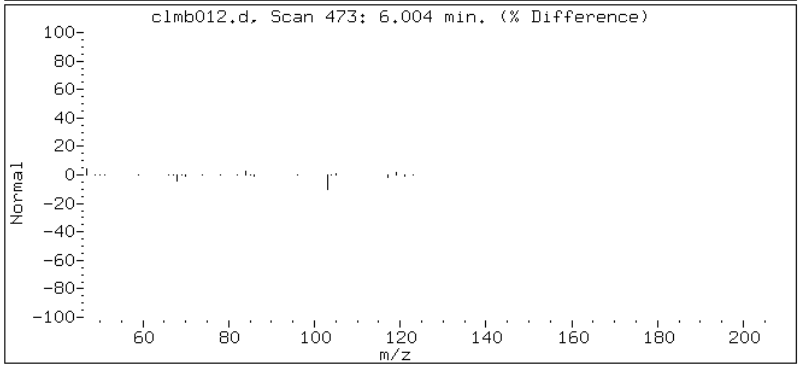












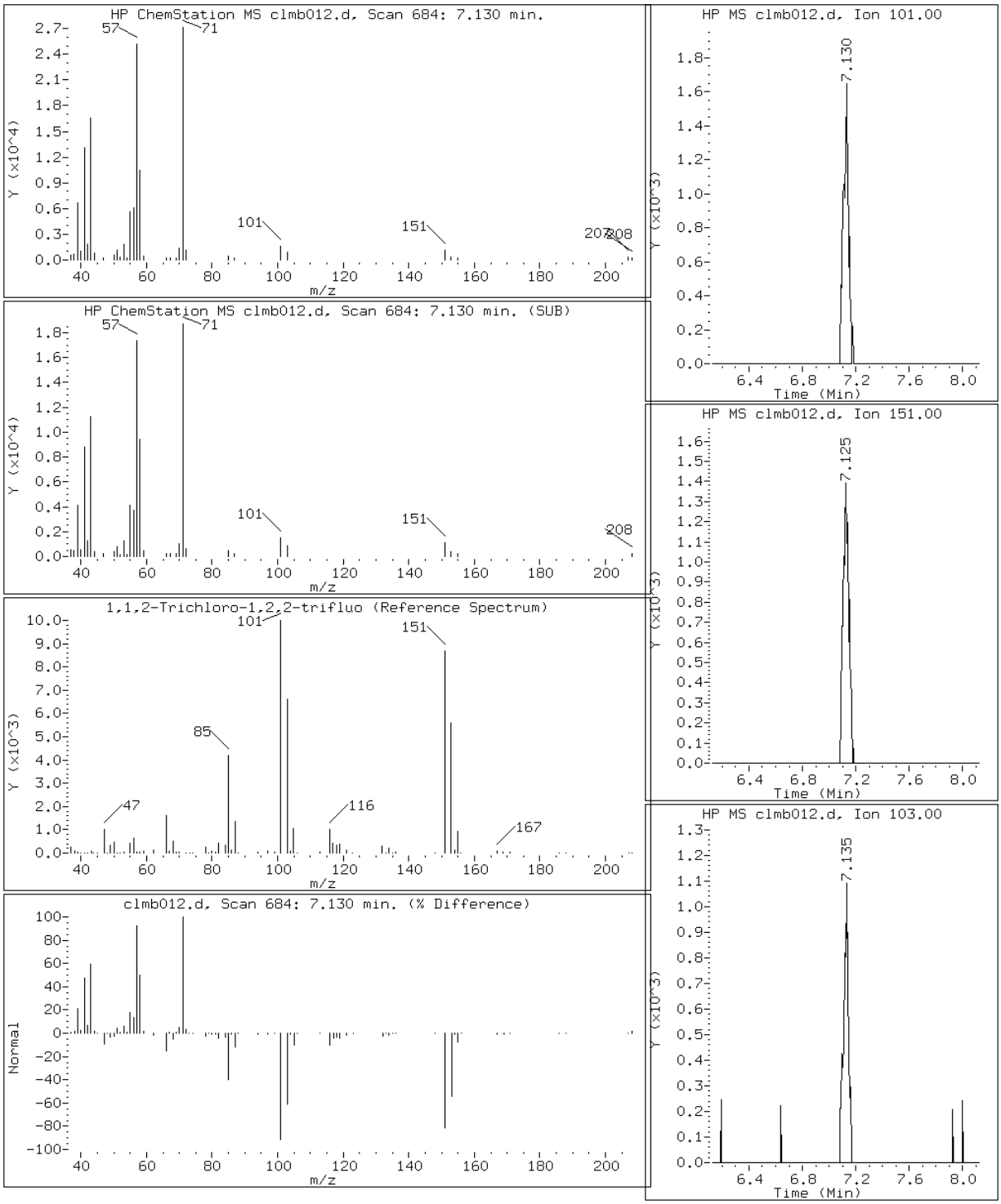
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



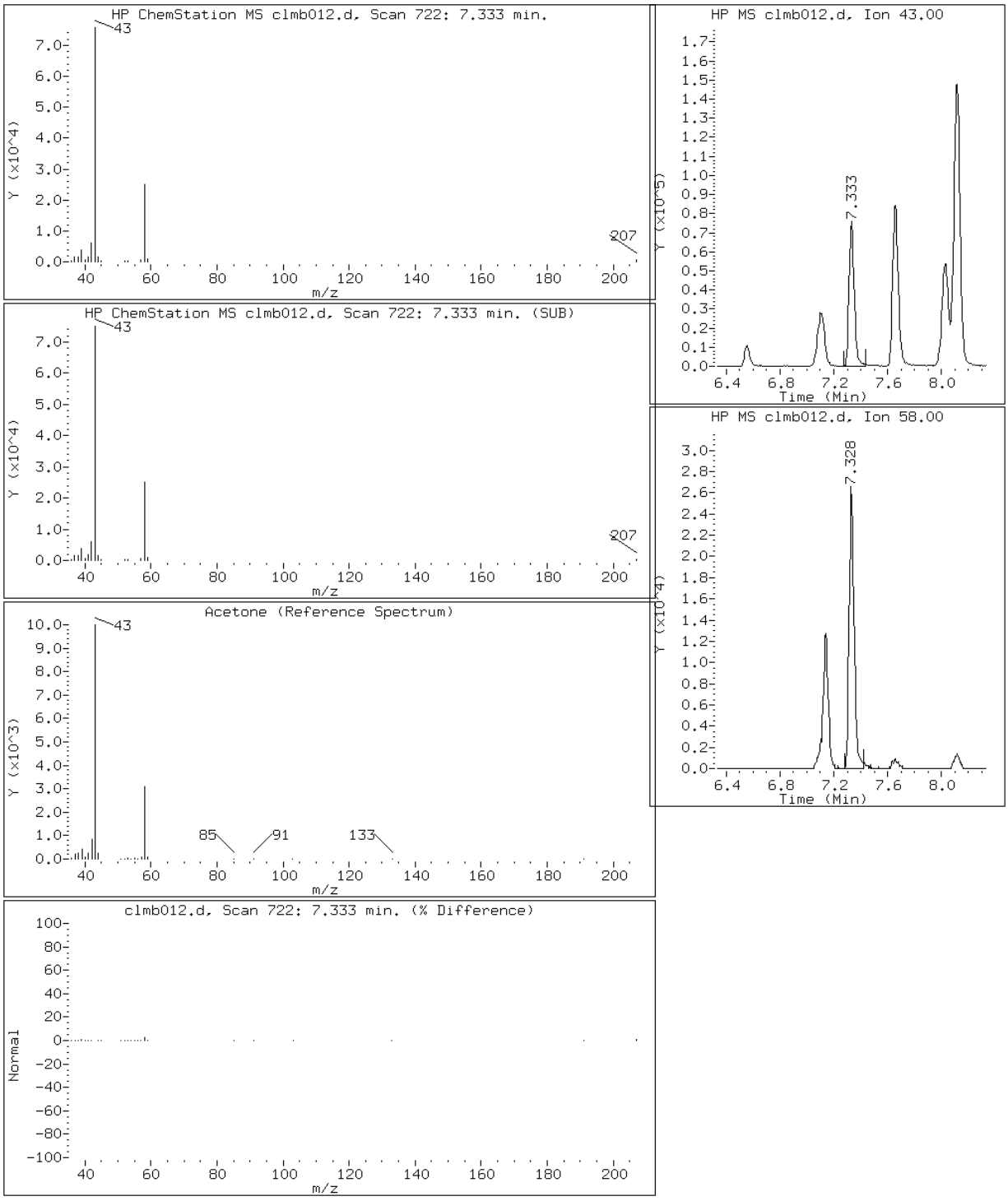
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

20 Acetone



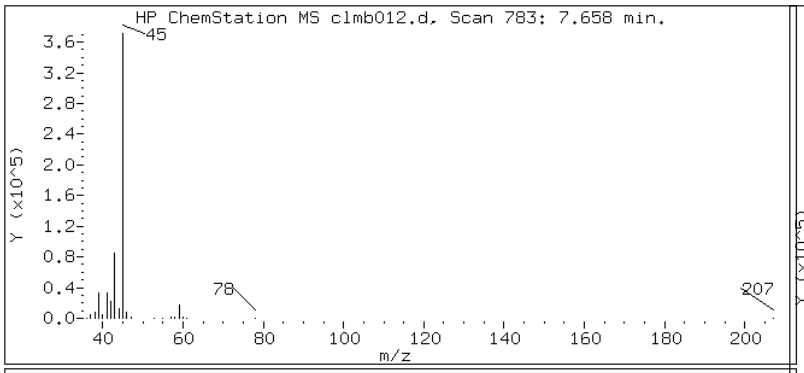
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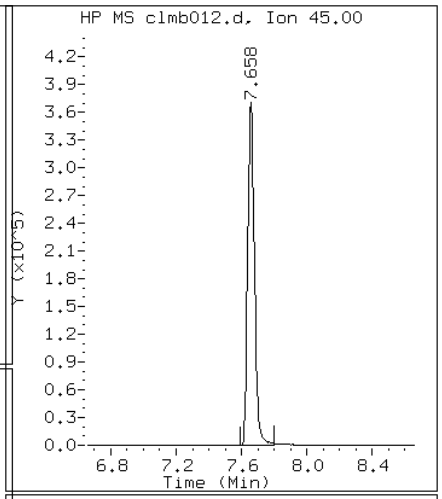
Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

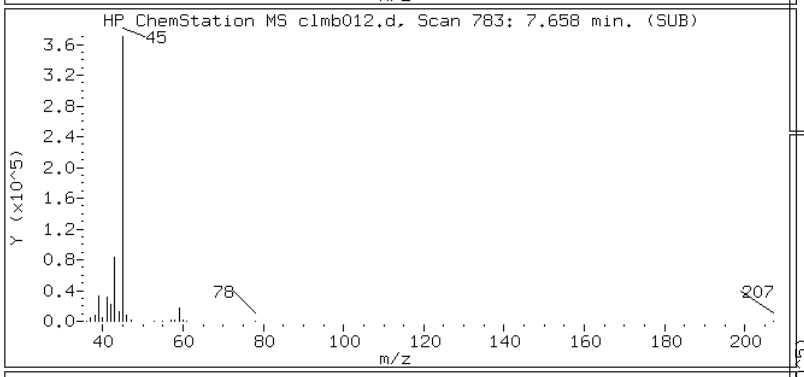
Client ID: 786VMP0202HA Instrument: C.i

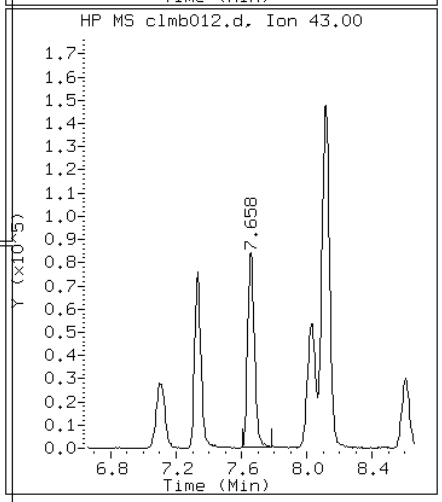
Sample Info: 280-39902-A-2 Operator: wrd

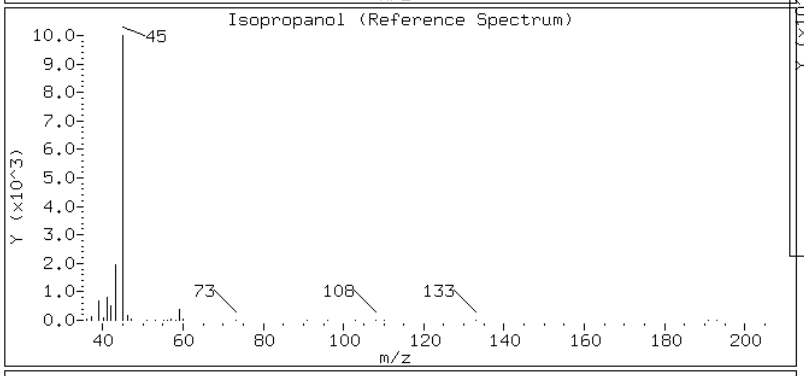
22 Isopropanol

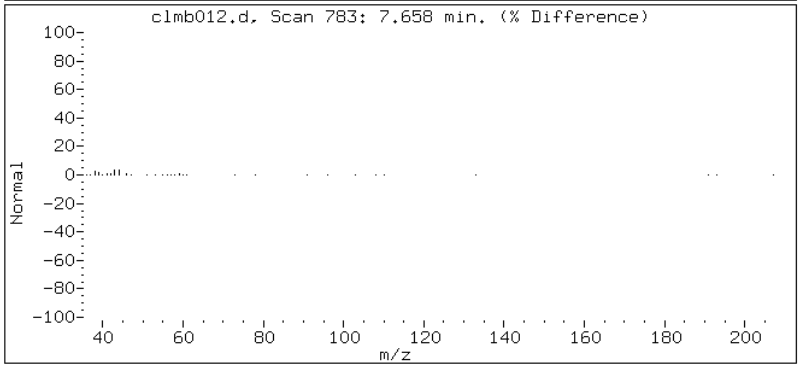












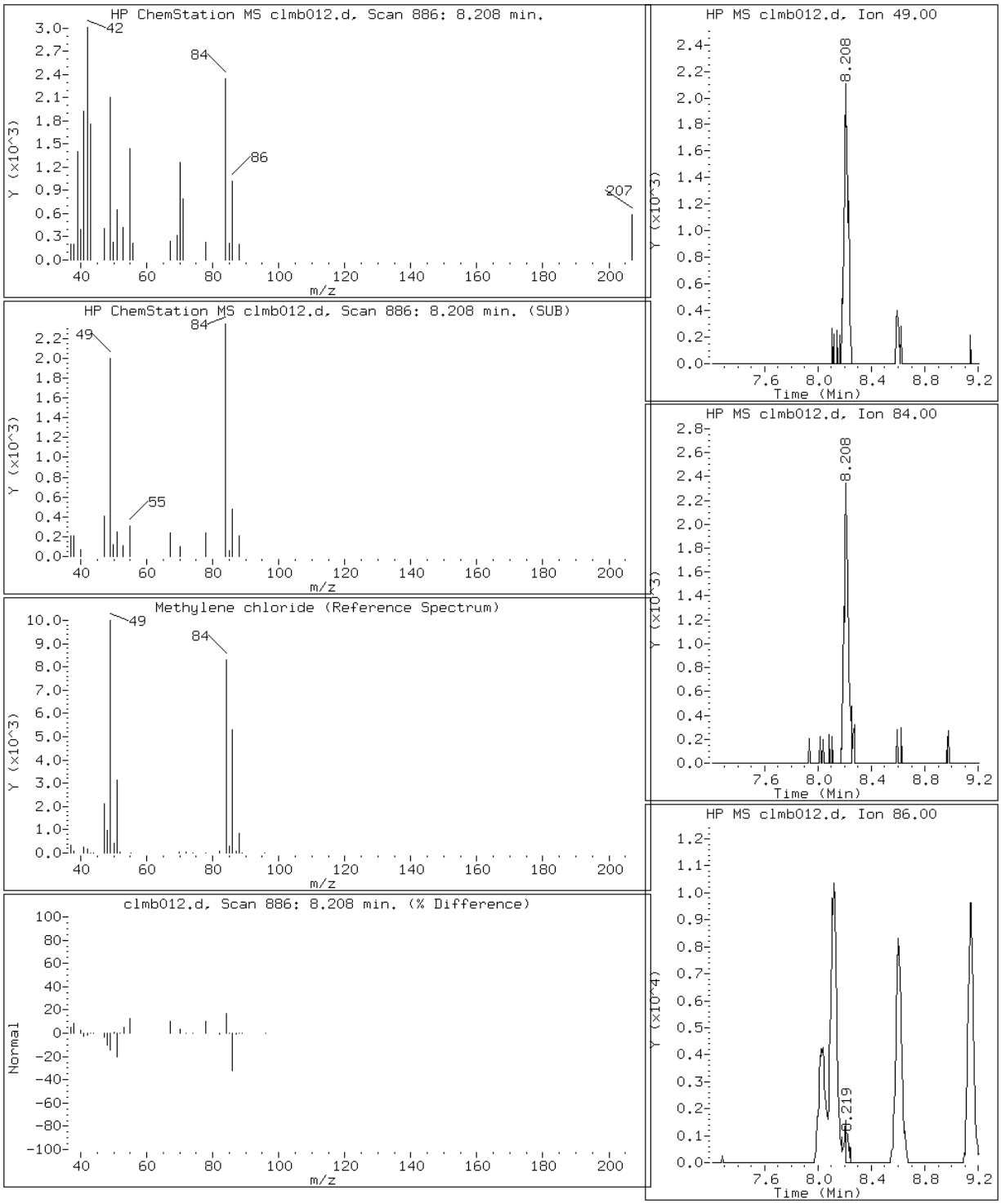
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

25 Methylene chloride



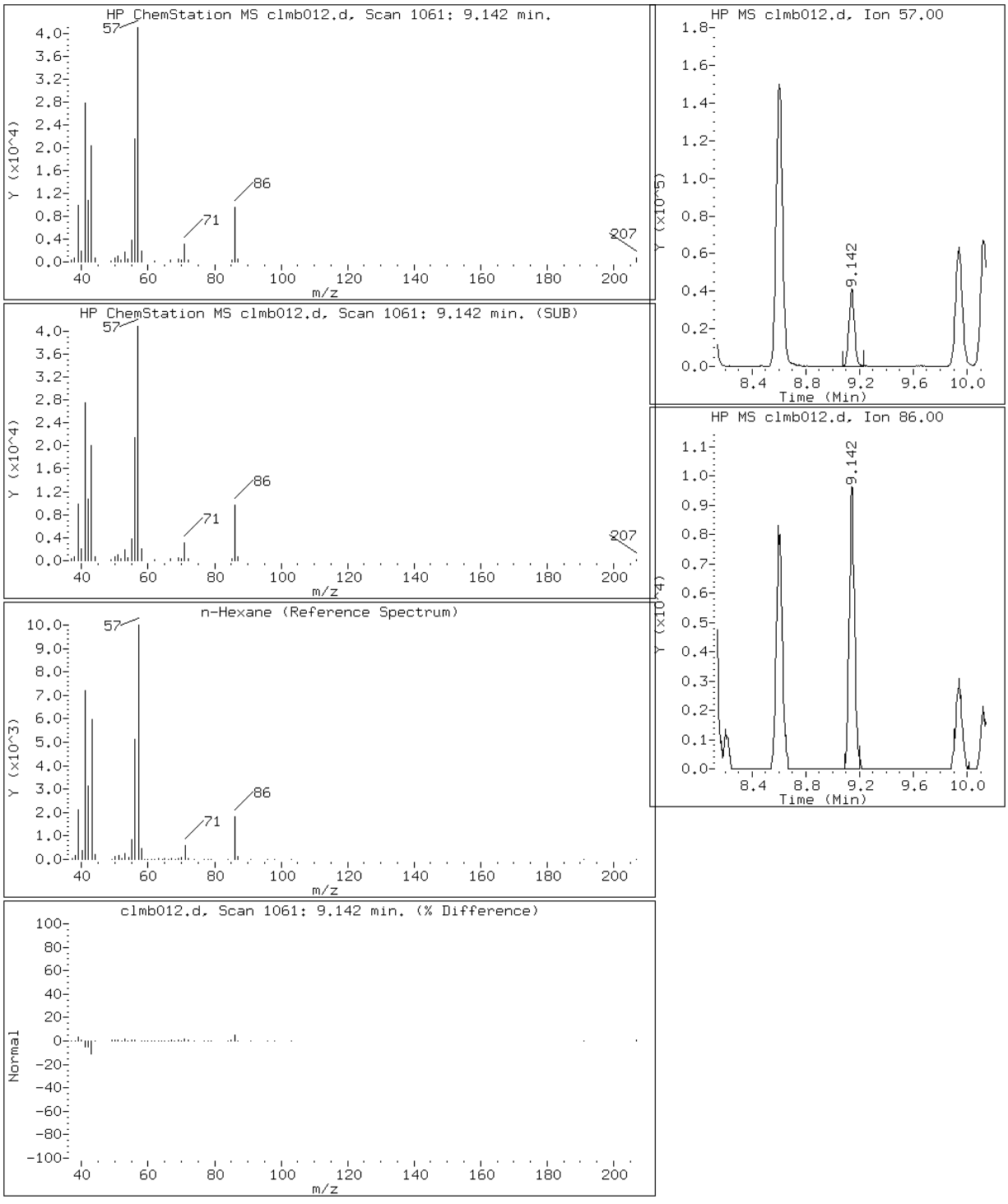
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

30 n-Hexane



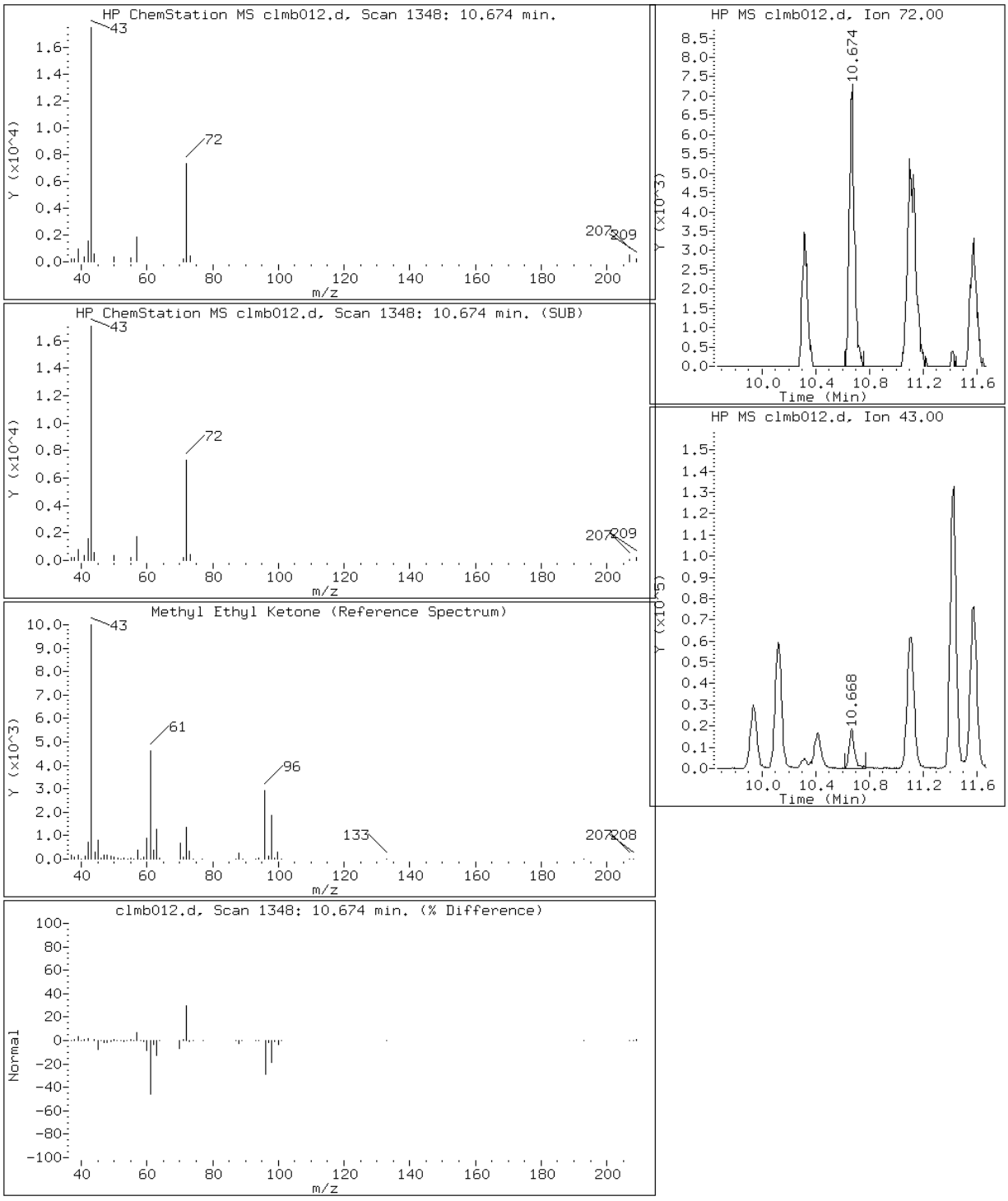
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

36 Methyl Ethyl Ketone



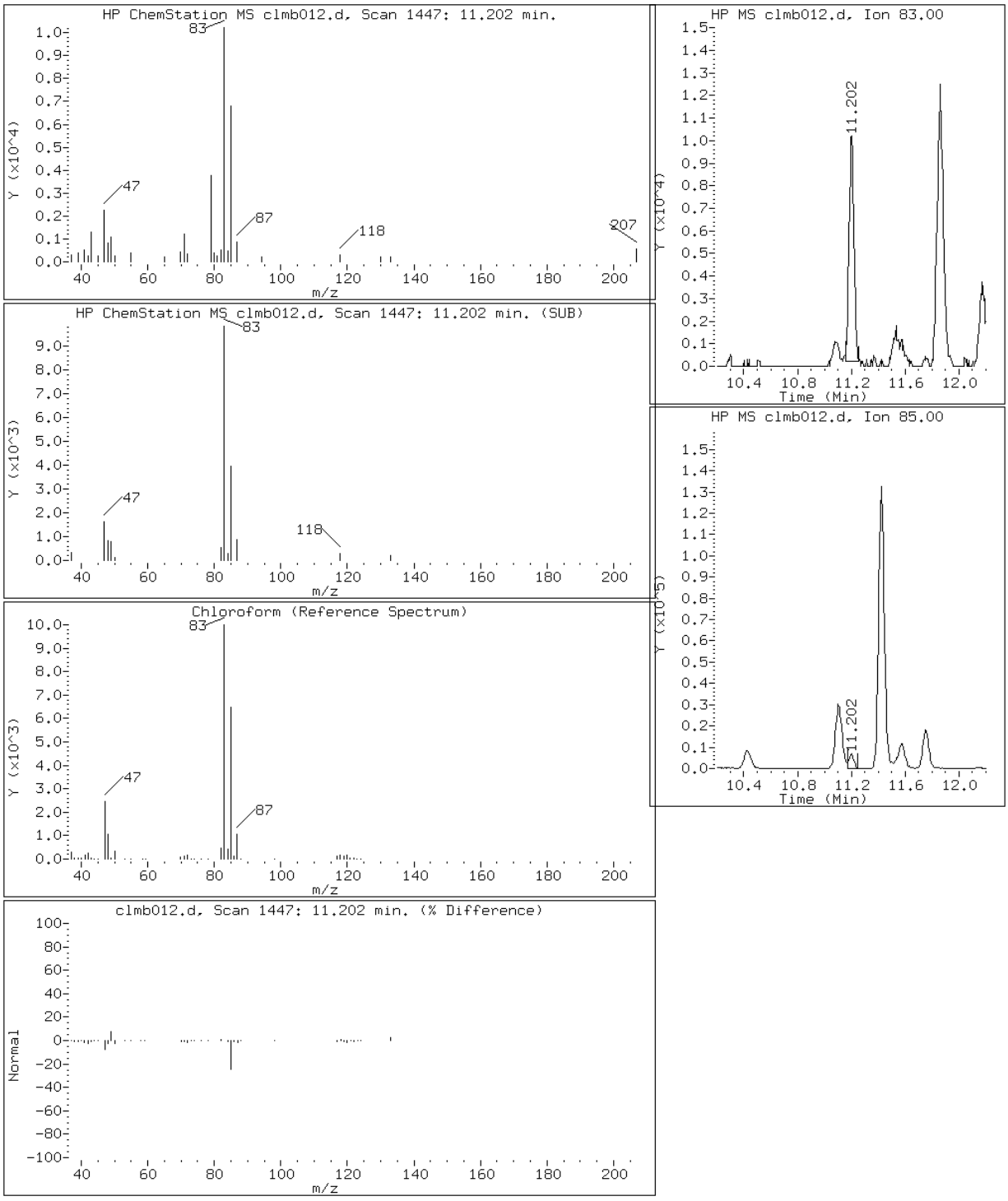
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

39 Chloroform



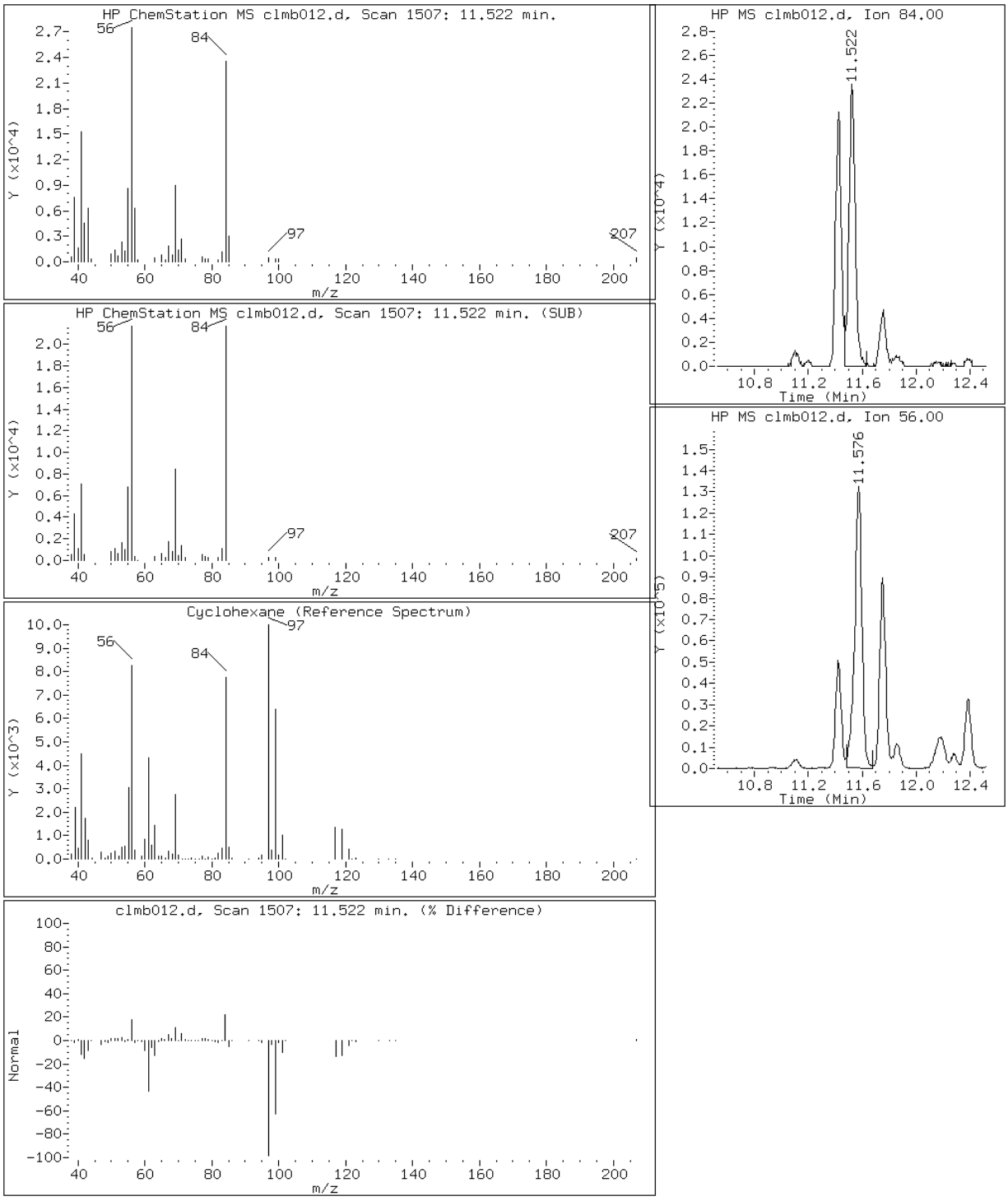
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

40 Cyclohexane



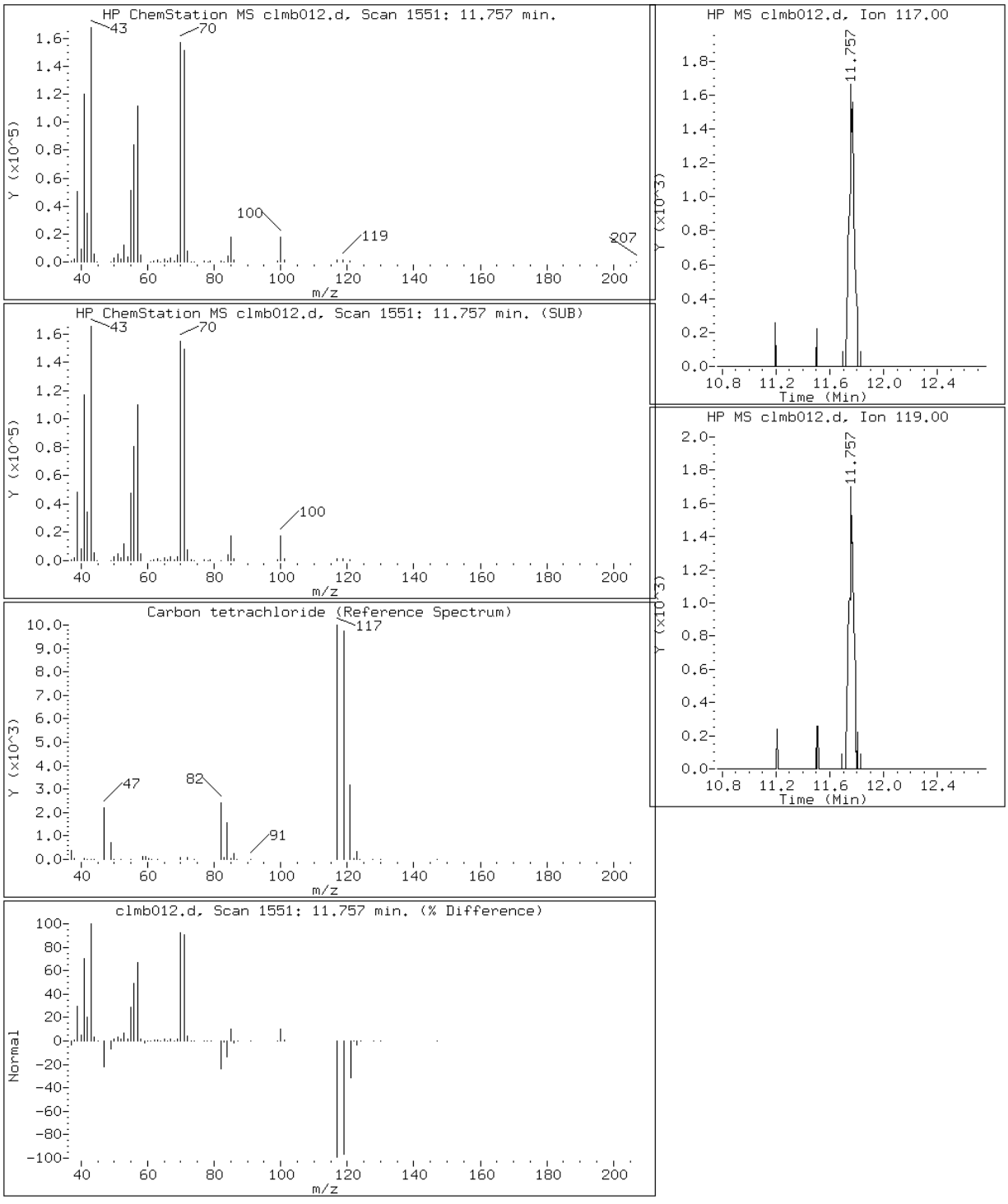
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

42 Carbon tetrachloride



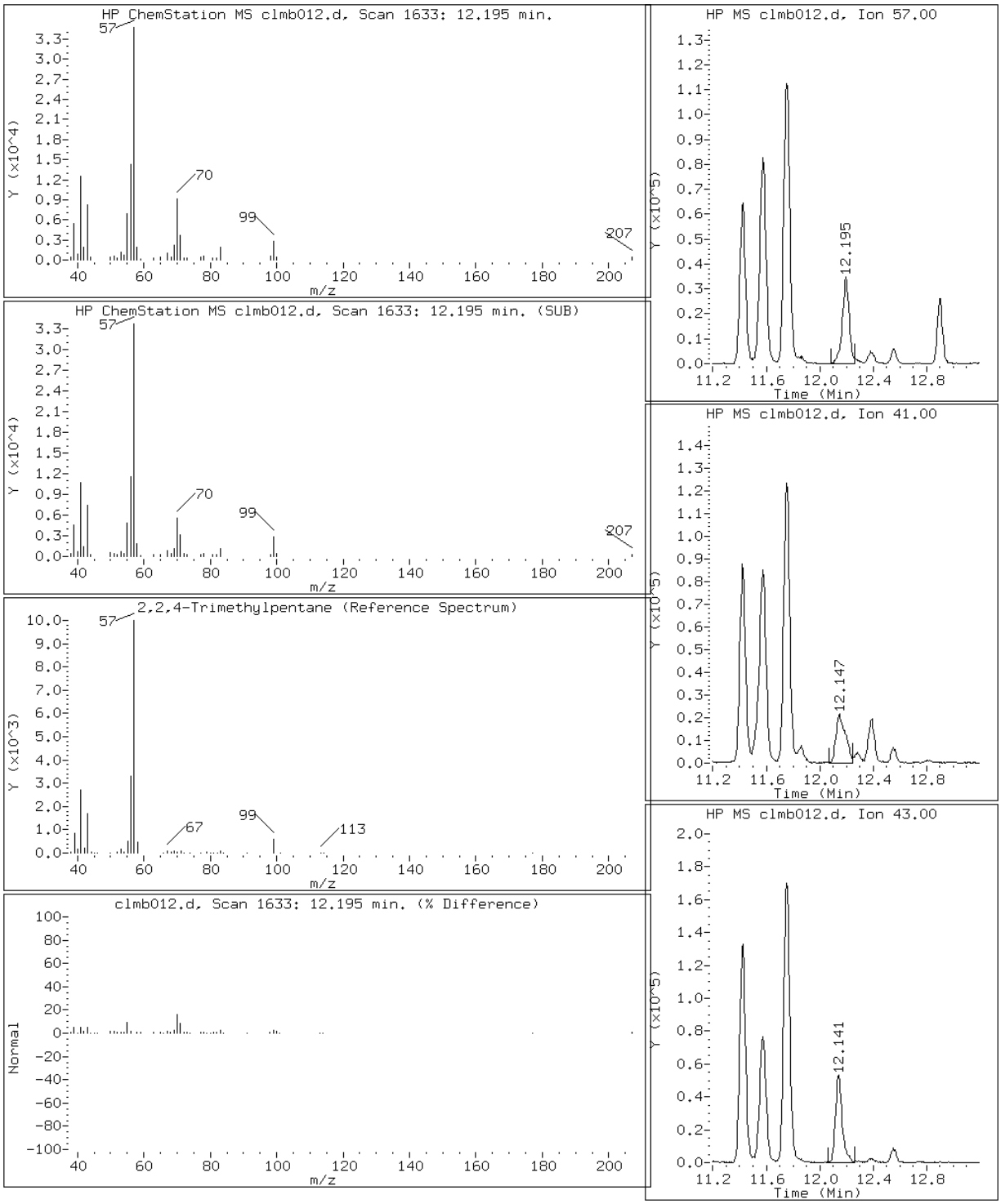
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

43 2,2,4-Trimethylpentane



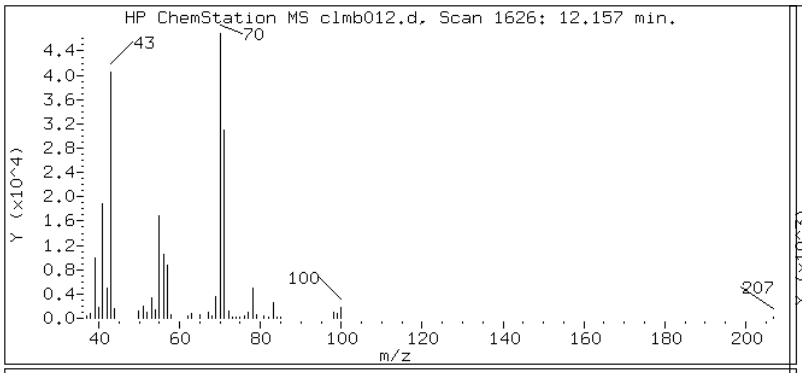
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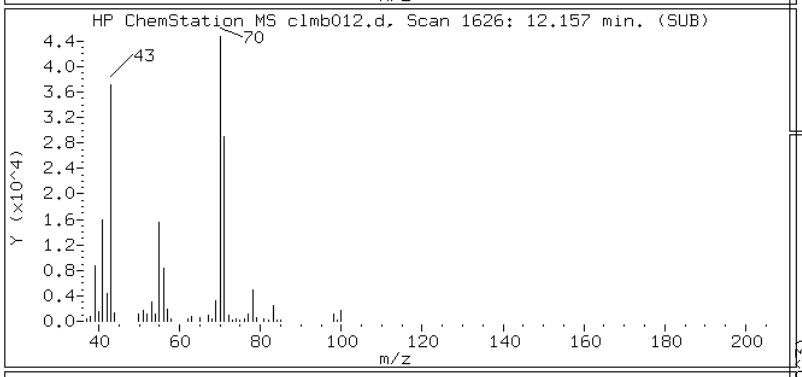
Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

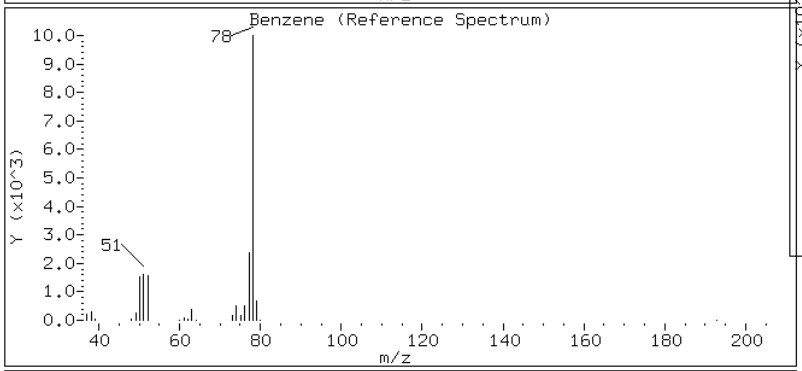
Client ID: 786VMP0202HA Instrument: C.i

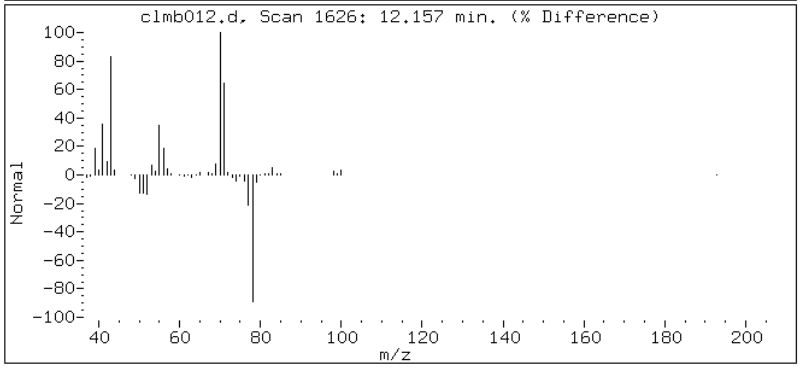
Sample Info: 280-39902-A-2 Operator: wrd

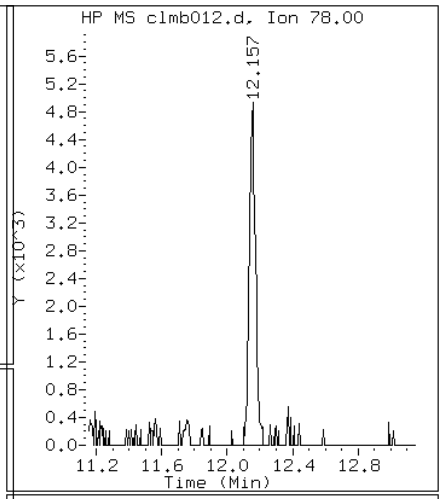
44 Benzene

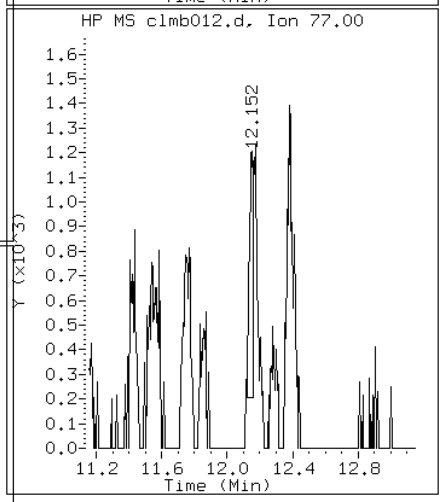












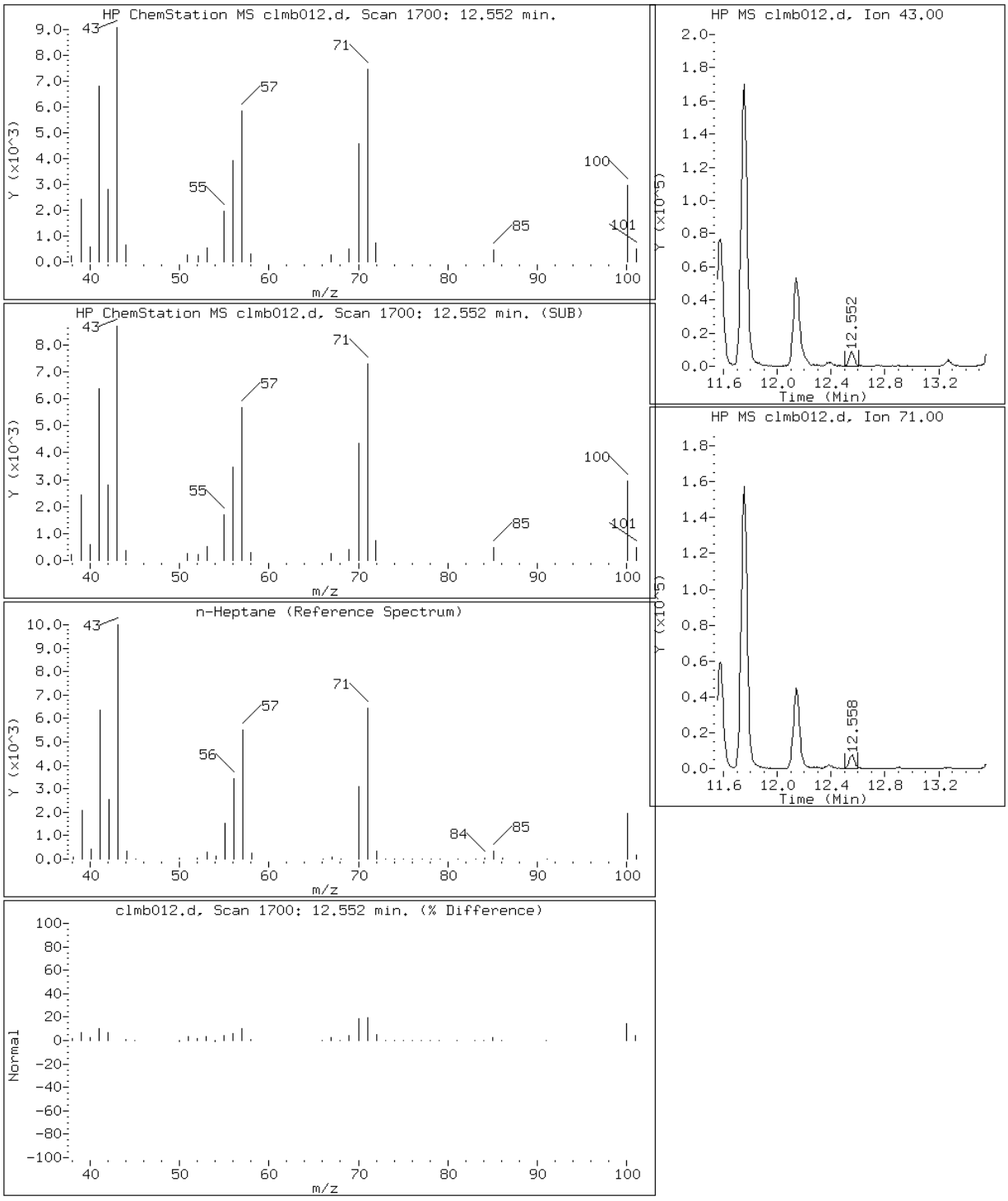
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

46 n-Heptane



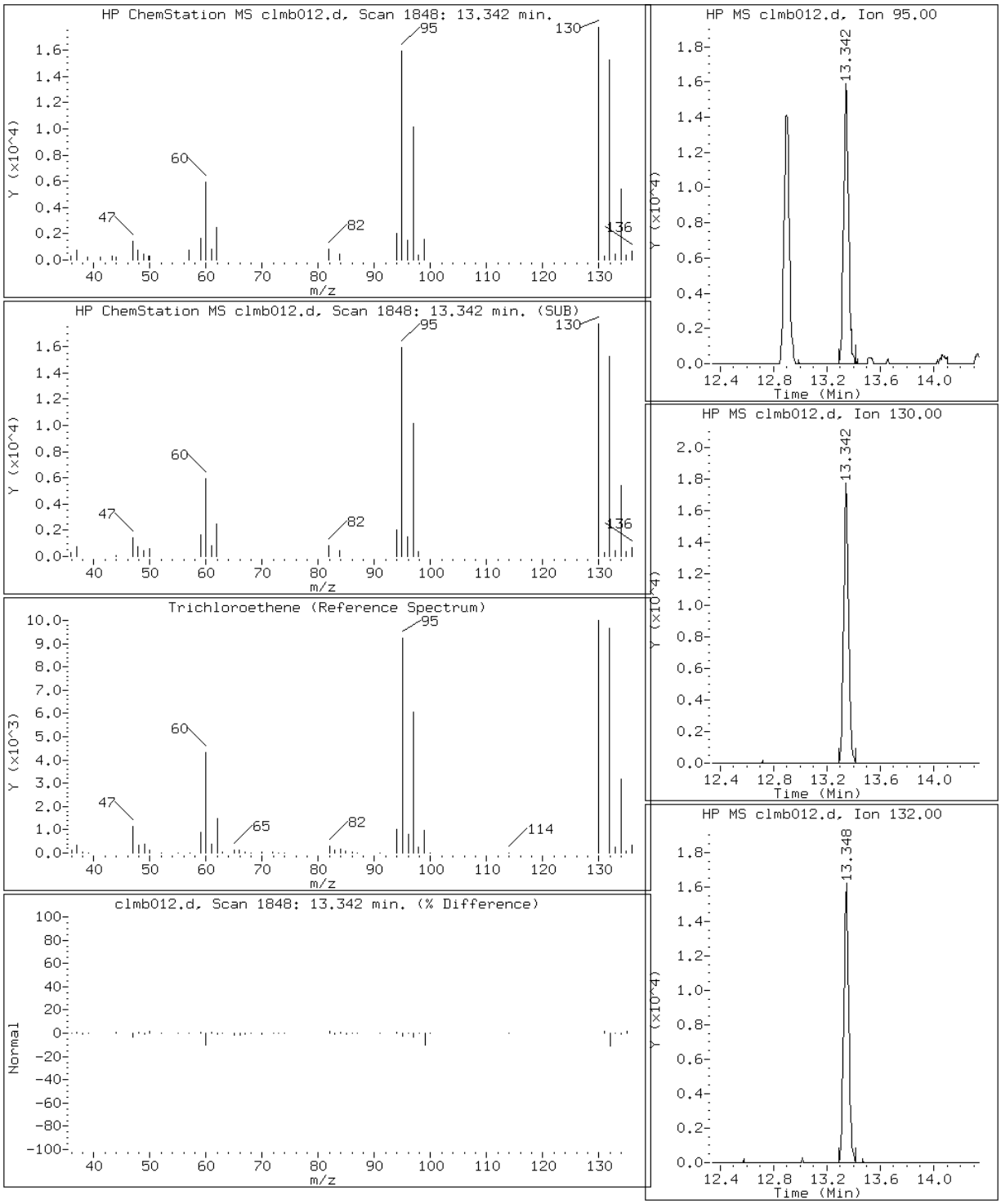
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

49 Trichloroethene



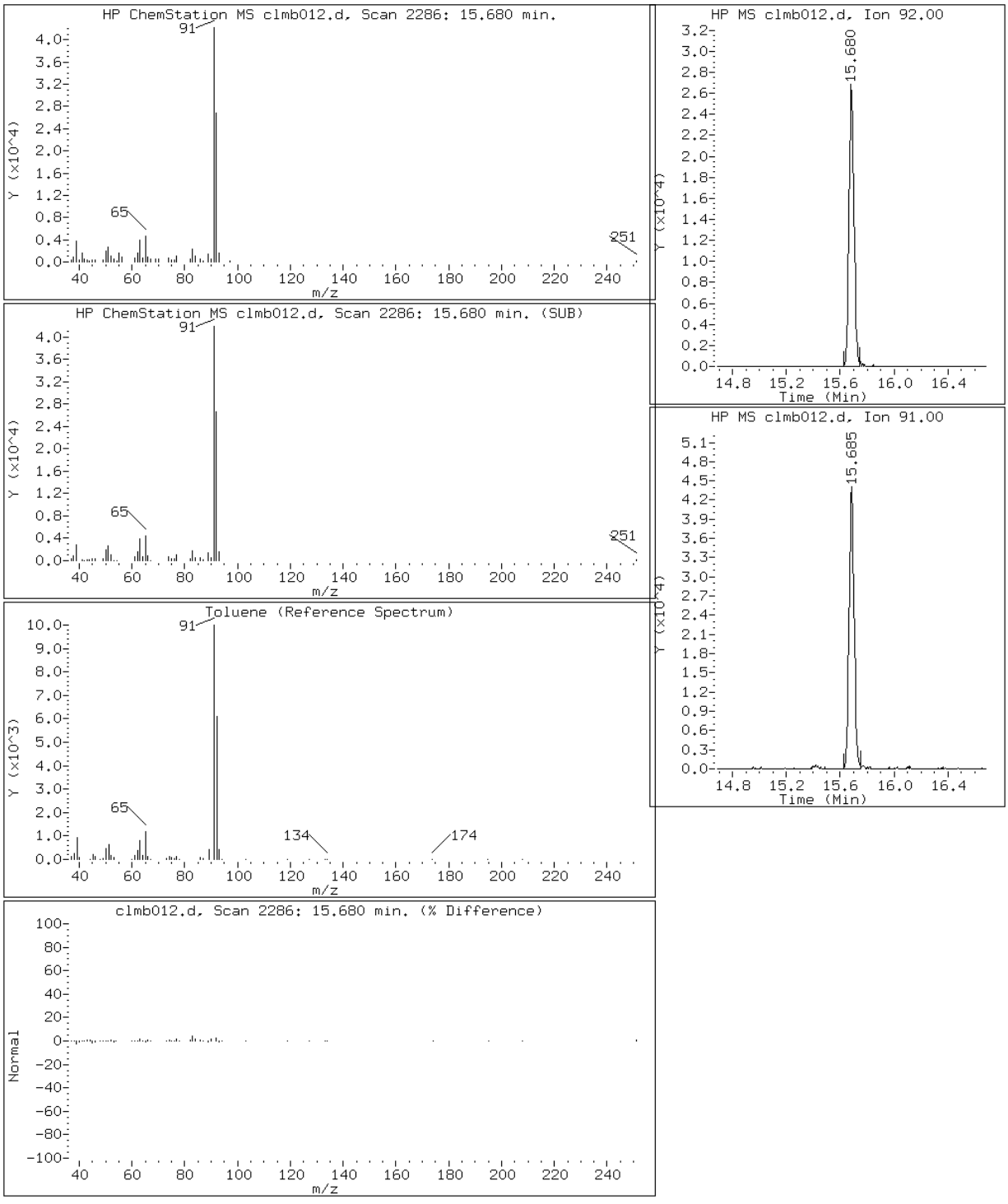
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

58 Toluene



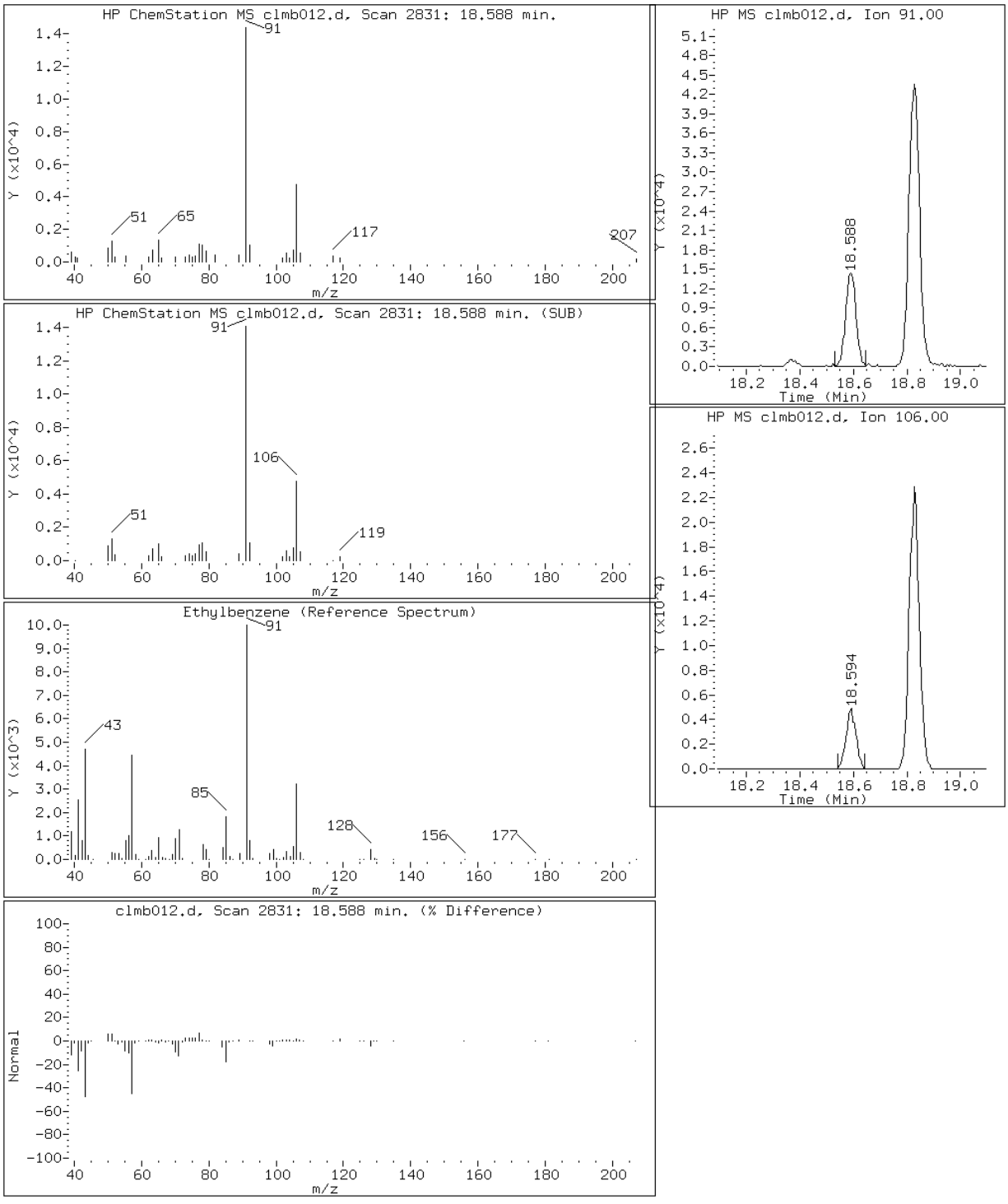
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

68 Ethylbenzene



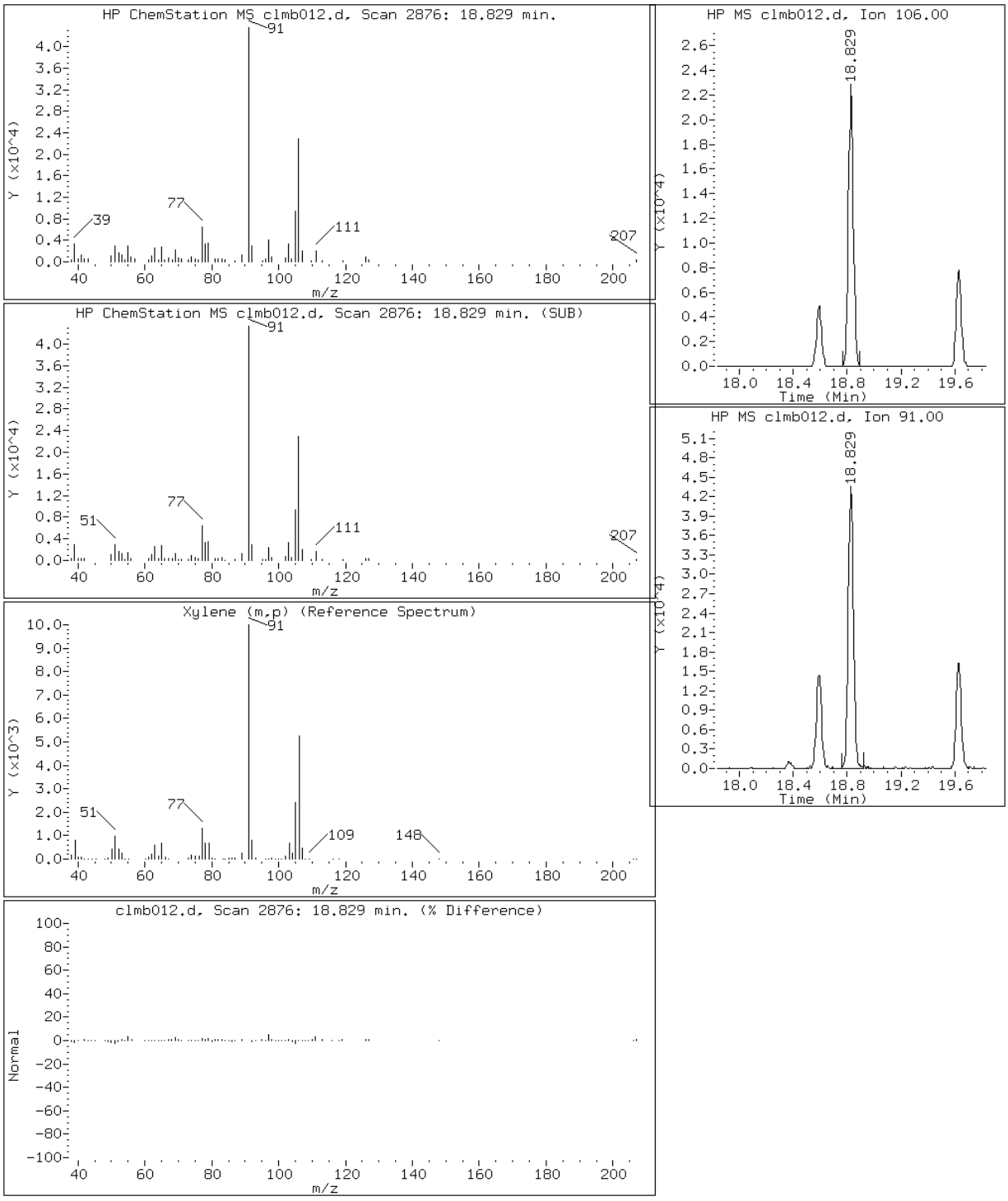
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

69 Xylene (m,p)



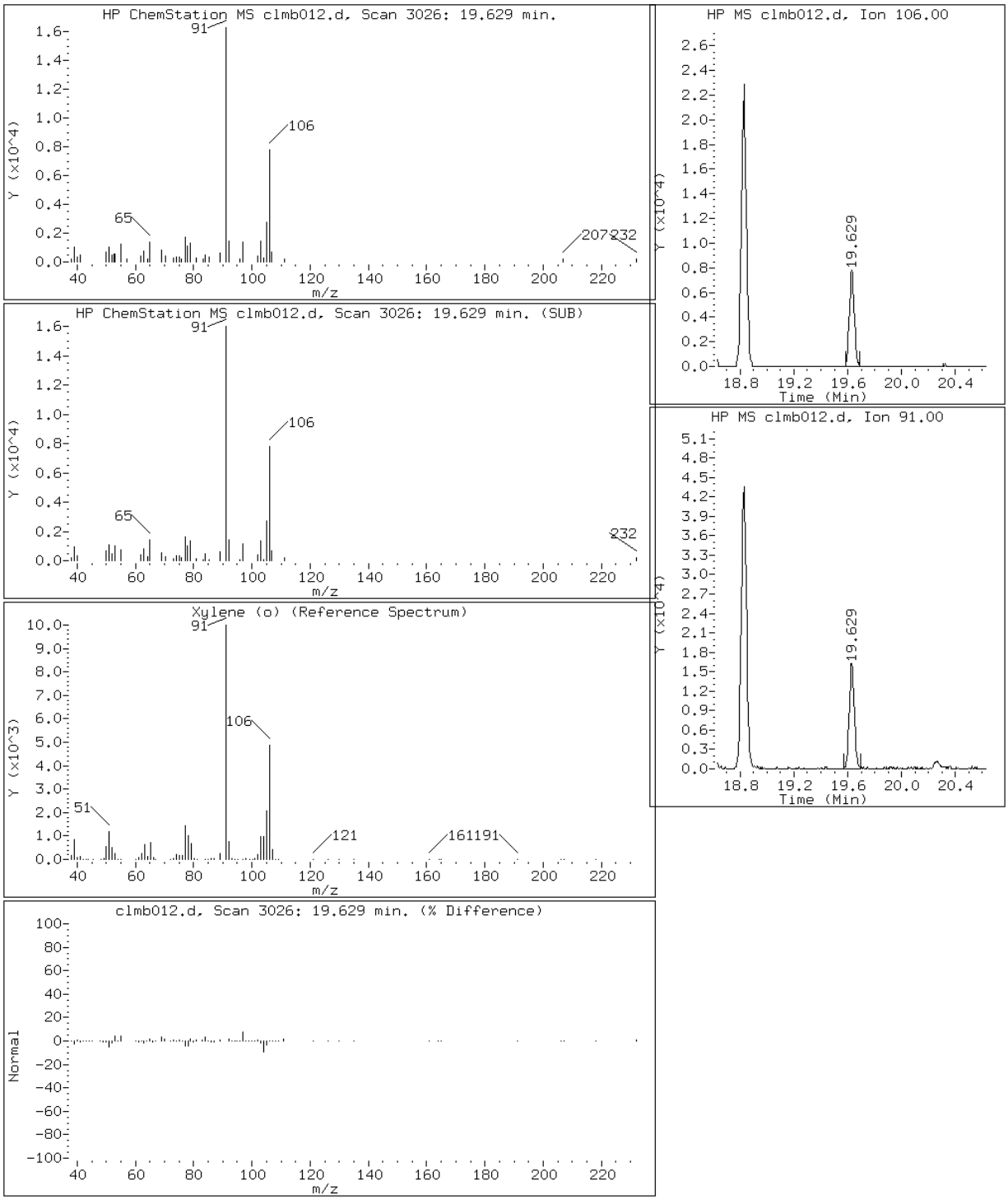
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

71 Xylene (o)



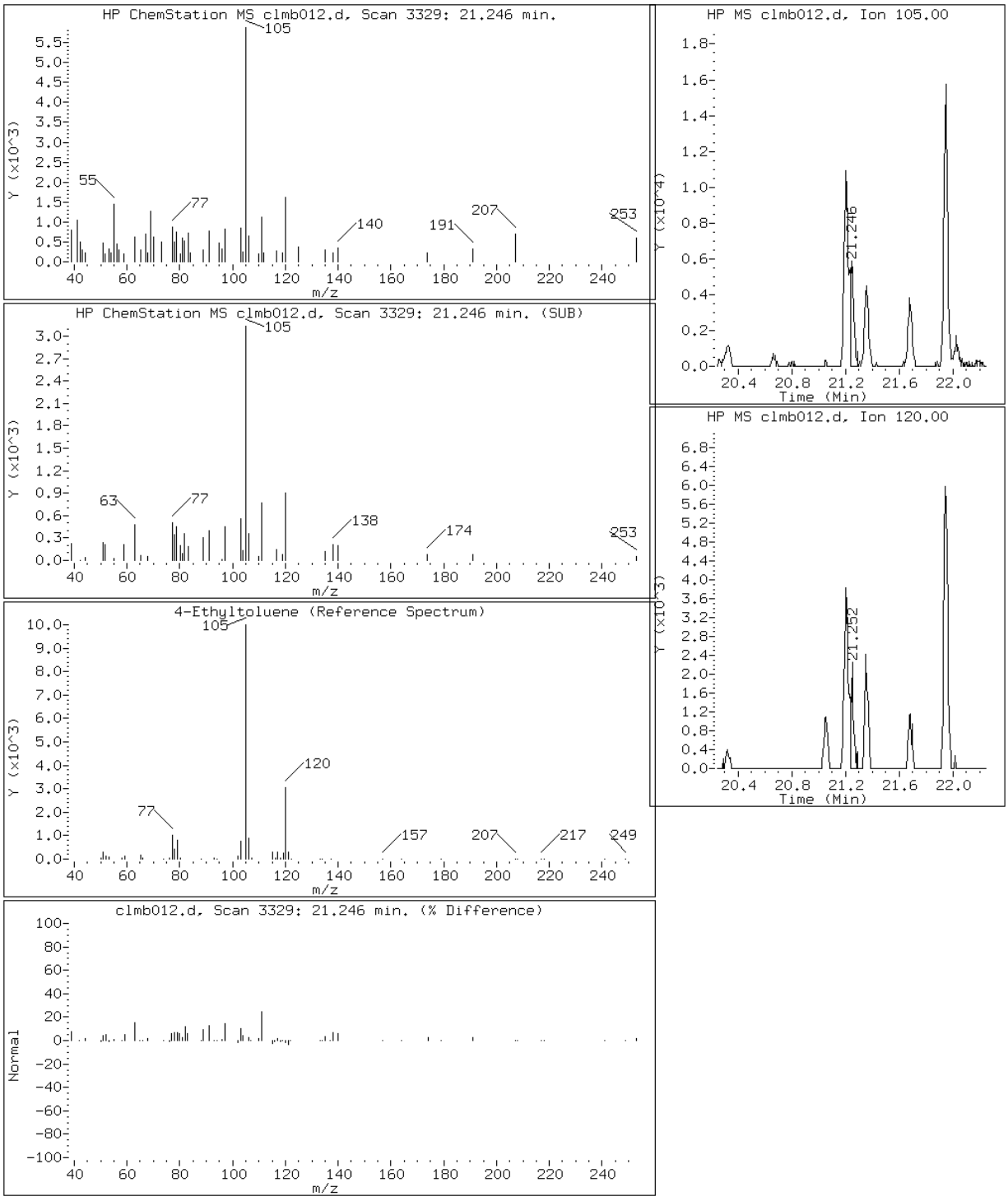
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

79 4-Ethyltoluene



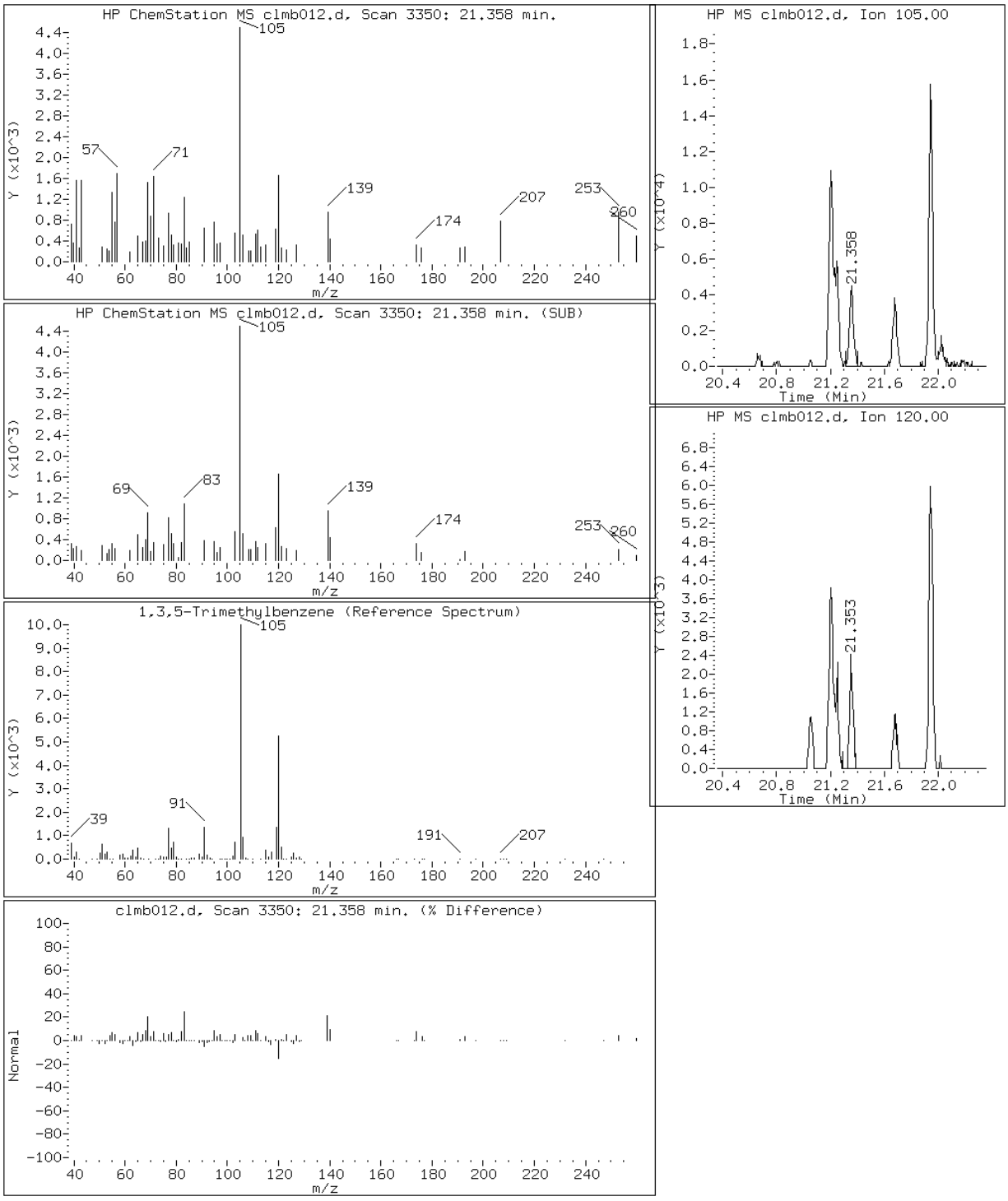
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

81 1,3,5-Trimethylbenzene



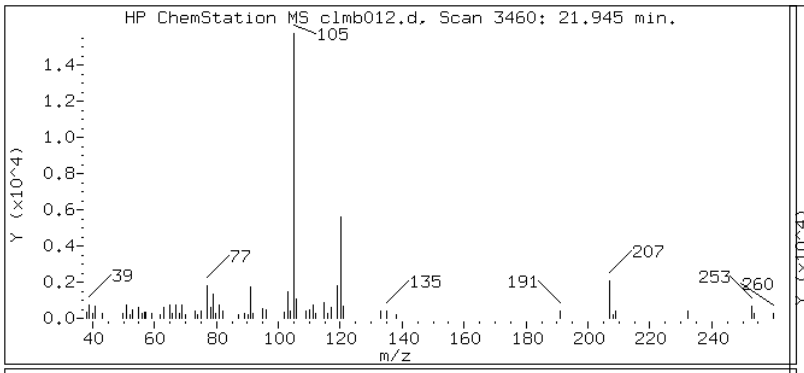
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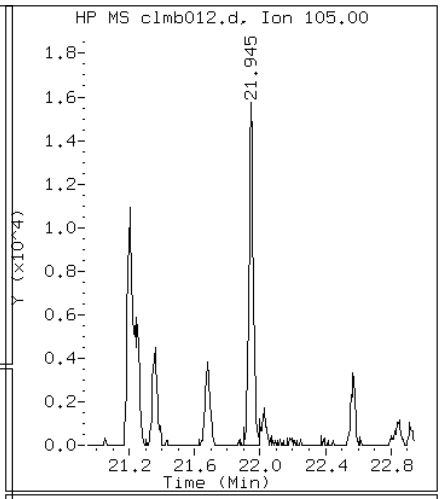
Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

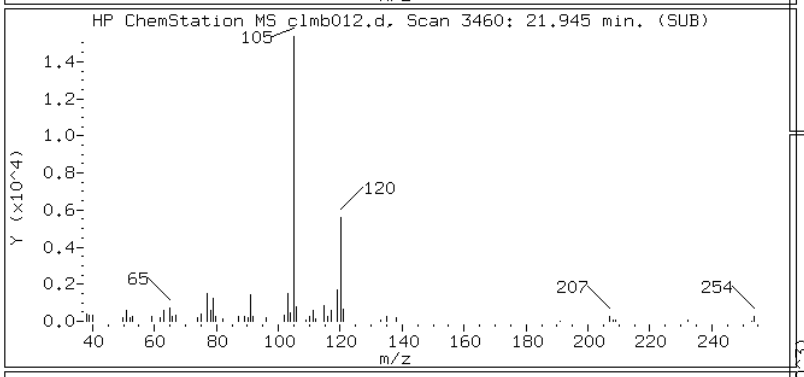
Client ID: 786VMP0202HA Instrument: C.i

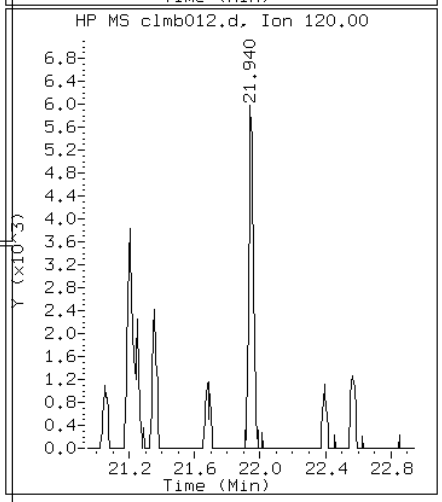
Sample Info: 280-39902-A-2 Operator: wrd

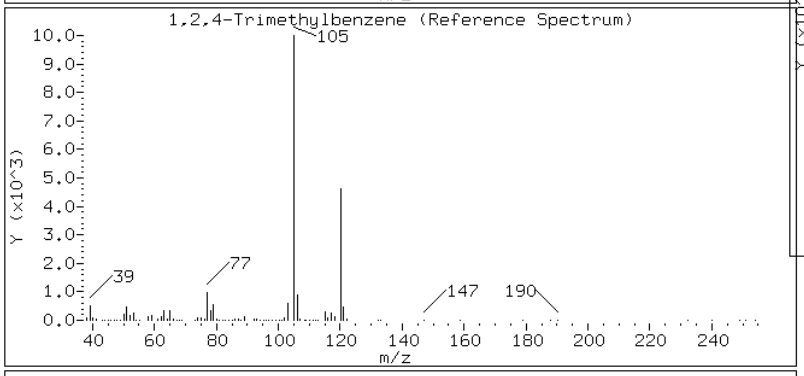
84 1,2,4-Trimethylbenzene

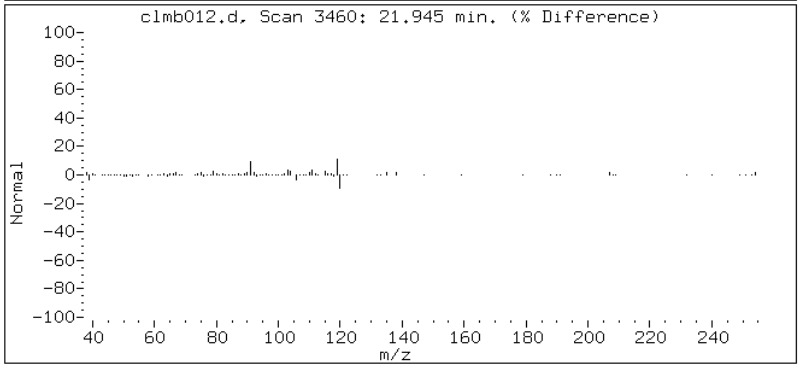












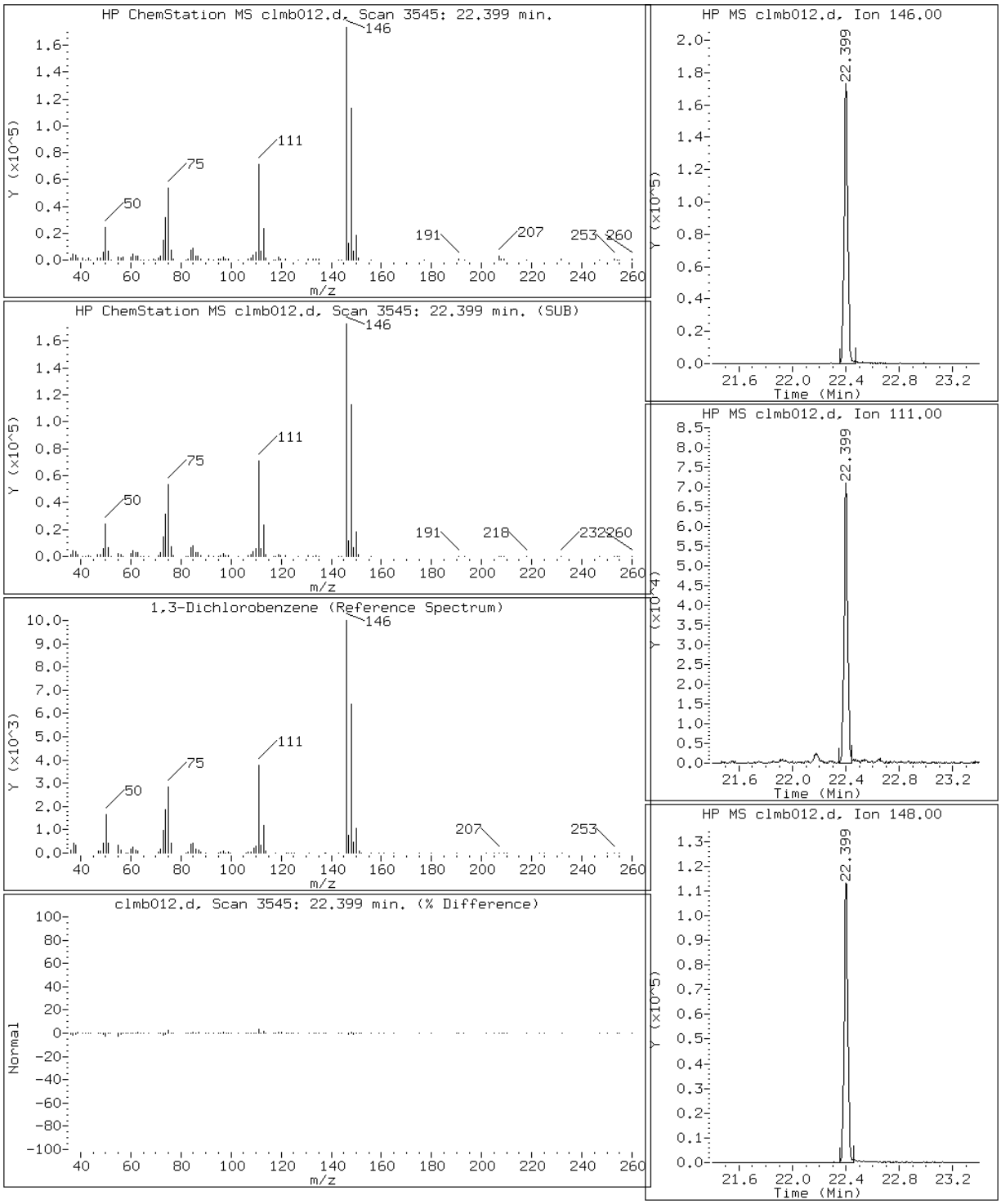
Data File: clmb012.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 18:33

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb012.d
Lab Sample ID: 280-39902-2
Inj. Date and Time: 01-APR-2013 18:33
Instrument ID: C.i
Client ID: 786VMP0202HA
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 04/02/2013

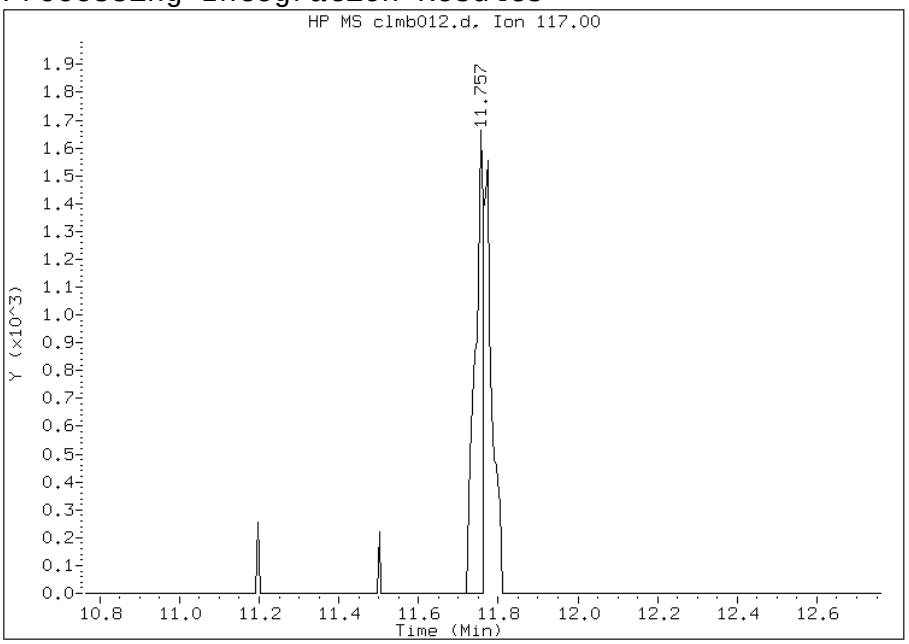
Processing Integration Results

RT: 11.76

Response: 2383

Amount: 0.035116

Conc: 0.035116



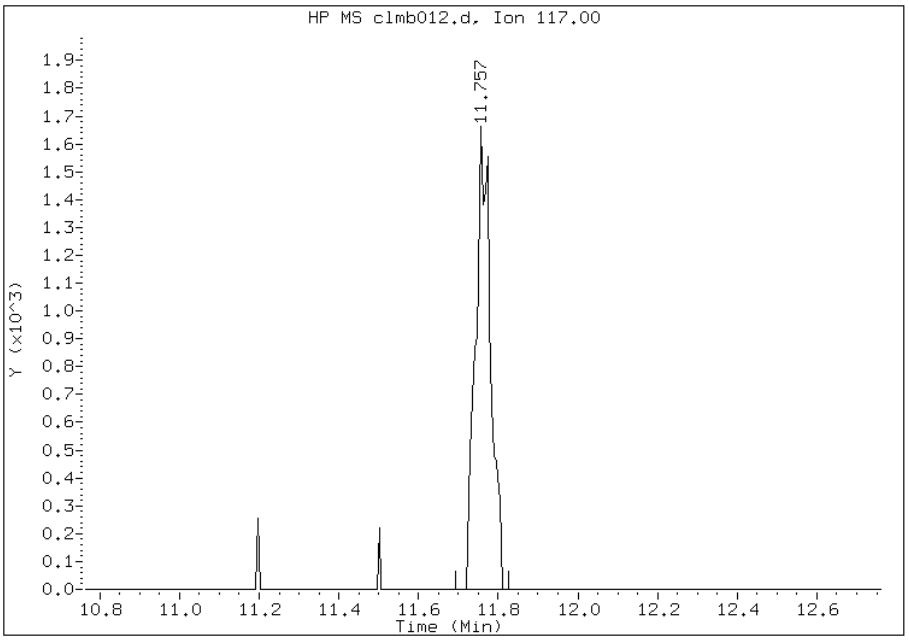
Manual Integration Results

RT: 11.76

Response: 4392

Amount: 0.064721

Conc: 0.064721



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.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA DL Lab Sample ID: 280-39902-2 DL

Matrix: Air Lab File ID: clmb016.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 80(mL) Date Analyzed: 04/01/2013 22:04

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	*Dichlorodifluoromethane*	*120.91*	*0.58*	*J*	*1.3*	*0.050*
75-45-6	*Freon 22*	*86.47*	*0.34*	*J*	*1.3*	*0.058*
76-14-2	*1,2-Dichlorotetrafluoroethane*	*170.92*	*0.20*	*U*	*0.50*	*0.050*
74-87-3	*Chloromethane*	*50.49*	*0.20*	*U*	*1.3*	*0.085*
106-97-8	*n-Butane*	*58.12*	*0.63*	*J*	*1.3*	*0.055*
75-01-4	*Vinyl chloride*	*62.50*	*0.070*	*U*	*0.50*	*0.023*
106-99-0	*1,3-Butadiene*	*54.09*	*0.20*	*U*	*0.50*	*0.063*
74-83-9	*Bromomethane*	*94.94*	*0.20*	*U*	*0.50*	*0.068*
75-00-3	*Chloroethane*	*64.52*	*0.20*	*U*	*1.3*	*0.083*
593-60-2	*Bromoethene(Vinyl Bromide)*	*106.96*	*0.10*	*U*	*0.50*	*0.048*
75-69-4	*Trichlorofluoromethane*	*137.37*	*0.26*	*J M*	*0.50*	*0.053*
76-13-1	*Freon TF*	*187.38*	*0.20*	*U*	*0.50*	*0.050*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.50*	*U*	*0.50*	*0.22*
67-64-1	*Acetone*	*58.08*	*10*	*J*	*13*	*1.0*
67-63-0	Isopropyl alcohol	60.10	70		13	0.19
75-15-0	*Carbon disulfide*	*76.14*	*0.20*	*U*	*1.3*	*0.050*
107-05-1	*3-Chloropropene*	*76.53*	*0.20*	*U*	*1.3*	*0.12*
75-09-2	*Methylene Chloride*	*84.93*	*0.37*	*J*	*1.3*	*0.058*
75-65-0	*tert-Butyl alcohol*	*74.12*	*0.20*	*U*	*13*	*0.10*
1634-04-4	*Methyl tert-butyl ether*	*88.15*	*0.10*	*U*	*0.50*	*0.038*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.20*	*U*	*0.50*	*0.058*
110-54-3	*n-Hexane*	*86.17*	*4.3*		*0.50*	*0.050*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.20*	*U*	*0.50*	*0.058*
78-93-3	*Methyl Ethyl Ketone*	*72.11*	*2.1*		*1.3*	*0.063*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.50*	*U*	*0.50*	*0.21*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.20*	*U*	*0.50*	*0.058*
67-66-3	*Chloroform*	*119.38*	*0.48*	*J*	*0.50*	*0.060*
109-99-9	*Tetrahydrofuran*	*72.11*	*0.20*	*U*	*13*	*0.073*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.20*	*U*	*0.50*	*0.050*
110-82-7	*Cyclohexane*	*84.16*	*2.6*		*0.50*	*0.048*
56-23-5	*Carbon tetrachloride*	*153.81*	*0.10*	*U*	*0.50*	*0.033*
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*1.5*		*0.50*	*0.038*
71-43-2	*Benzene*	*78.11*	*0.10*	*U*	*0.50*	*0.045*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.10*	*U*	*0.50*	*0.045*

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA DL Lab Sample ID: 280-39902-2 DL

Matrix: Air Lab File ID: clmb016.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 80(mL) Date Analyzed: 04/01/2013 22:04

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.1		0.50	0.043
79-01-6	Trichloroethene	131.39	1.2		0.50	0.023
80-62-6	Methyl methacrylate	100.12	0.10	U	1.3	0.040
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.50	0.058
123-91-1	1,4-Dioxane	88.11	0.50	U	13	0.18
75-27-4	Bromodichloromethane	163.83	0.10	U	0.50	0.030
10061-01-5	cis-1,3-Dichloropropene	110.97	0.10	U	0.50	0.033
108-10-1	methyl isobutyl ketone	100.16	0.20	U	1.3	0.085
108-88-3	Toluene	92.14	1.3		0.50	0.035
10061-02-6	trans-1,3-Dichloropropene	110.97	0.10	U	0.50	0.038
79-00-5	1,1,2-Trichloroethane	133.41	0.10	U	0.50	0.040
127-18-4	Tetrachloroethene	165.83	0.10	U	0.50	0.038
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	1.3	0.10
124-48-1	Dibromochloromethane	208.29	0.10	U	0.50	0.028
106-93-4	1,2-Dibromoethane	187.87	0.10	U	0.50	0.035
108-90-7	Chlorobenzene	112.30	0.10	U	0.50	0.033
100-41-4	Ethylbenzene	106.17	0.32	J	0.50	0.038
179601-23-1	m,p-Xylene	106.17	1.2	J	1.3	0.055
95-47-6	Xylene, o-	106.17	0.45	J	0.50	0.040
1330-20-7	Xylene (total)	106.17	1.7		0.50	0.040
100-42-5	Styrene	104.15	0.10	U	0.50	0.028
75-25-2	Bromoform	252.75	0.070	U	0.50	0.018
98-82-8	Cumene	120.19	0.10	U	0.50	0.028
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.10	U	0.50	0.028
103-65-1	n-Propylbenzene	120.19	0.10	U	0.50	0.033
622-96-8	4-Ethyltoluene	120.20	0.10	U	0.50	0.038
108-67-8	1,3,5-Trimethylbenzene	120.20	0.10	U	0.50	0.048
95-49-8	2-Chlorotoluene	126.59	0.10	U	0.50	0.033
98-06-6	tert-Butylbenzene	134.22	0.10	U	0.50	0.028
95-63-6	1,2,4-Trimethylbenzene	120.20	0.22	J	0.50	0.053
135-98-8	sec-Butylbenzene	134.22	0.10	U	0.50	0.038
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.50	0.050
541-73-1	1,3-Dichlorobenzene	147.00	3.9		0.50	0.048
106-46-7	1,4-Dichlorobenzene	147.00	0.10	U	0.50	0.045

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA DL Lab Sample ID: 280-39902-2 DL

Matrix: Air Lab File ID: clmb016.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 80(mL) Date Analyzed: 04/01/2013 22:04

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*0.20*	*U*	*0.50*	*0.055*
104-51-8	*n-Butylbenzene*	*134.22*	*0.20*	*U*	*0.50*	*0.055*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*0.20*	*U*	*0.50*	*0.065*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*0.20*	*U*	*1.3*	*0.075*
87-68-3	*Hexachlorobutadiene*	*260.76*	*0.20*	*U*	*0.50*	*0.073*
91-20-3	*Naphthalene*	*128.17*	*0.20*	*U*	*1.3*	*0.095*

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA DL Lab Sample ID: 280-39902-2 DL

Matrix: Air Lab File ID: clmb016.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 80(mL) Date Analyzed: 04/01/2013 22:04

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	*Dichlorodifluoromethane*	*120.91*	*2.8*	*J*	*6.2*	*0.25*
75-45-6	*Freon 22*	*86.47*	*1.2*	*J*	*4.4*	*0.20*
76-14-2	*1,2-Dichlorotetrafluoroethane*	*170.92*	*1.4*	*U*	*3.5*	*0.35*
74-87-3	*Chloromethane*	*50.49*	*0.41*	*U*	*2.6*	*0.18*
106-97-8	*n-Butane*	*58.12*	*1.5*	*J*	*3.0*	*0.13*
75-01-4	*Vinyl chloride*	*62.50*	*0.18*	*U*	*1.3*	*0.058*
106-99-0	*1,3-Butadiene*	*54.09*	*0.44*	*U*	*1.1*	*0.14*
74-83-9	*Bromomethane*	*94.94*	*0.78*	*U*	*1.9*	*0.26*
75-00-3	*Chloroethane*	*64.52*	*0.53*	*U*	*3.3*	*0.22*
593-60-2	*Bromoethene(Vinyl Bromide)*	*106.96*	*0.44*	*U*	*2.2*	*0.21*
75-69-4	*Trichlorofluoromethane*	*137.37*	*1.4*	*J M*	*2.8*	*0.29*
76-13-1	*Freon TF*	*187.38*	*1.5*	*U*	*3.8*	*0.38*
75-35-4	*1,1-Dichloroethene*	*96.94*	*2.0*	*U*	*2.0*	*0.85*
67-64-1	*Acetone*	*58.08*	*24*	*J*	*30*	*2.4*
67-63-0	Isopropyl alcohol	60.10	170		31	0.47
75-15-0	*Carbon disulfide*	*76.14*	*0.62*	*U*	*3.9*	*0.16*
107-05-1	*3-Chloropropene*	*76.53*	*0.63*	*U*	*3.9*	*0.37*
75-09-2	*Methylene Chloride*	*84.93*	*1.3*	*J*	*4.3*	*0.20*
75-65-0	*tert-Butyl alcohol*	*74.12*	*0.61*	*U*	*38*	*0.31*
1634-04-4	*Methyl tert-butyl ether*	*88.15*	*0.36*	*U*	*1.8*	*0.14*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.79*	*U*	*2.0*	*0.23*
110-54-3	*n-Hexane*	*86.17*	*15*		*1.8*	*0.18*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.81*	*U*	*2.0*	*0.23*
78-93-3	*Methyl Ethyl Ketone*	*72.11*	*6.1*		*3.7*	*0.18*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*2.0*	*U*	*2.0*	*0.83*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.79*	*U*	*2.0*	*0.23*
67-66-3	*Chloroform*	*119.38*	*2.4*	*J*	*2.4*	*0.29*
109-99-9	*Tetrahydrofuran*	*72.11*	*0.59*	*U*	*37*	*0.21*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*1.1*	*U*	*2.7*	*0.27*
110-82-7	*Cyclohexane*	*84.16*	*9.0*		*1.7*	*0.16*
56-23-5	*Carbon tetrachloride*	*153.81*	*0.63*	*U*	*3.1*	*0.20*
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*7.1*		*2.3*	*0.18*
71-43-2	*Benzene*	*78.11*	*0.32*	*U*	*1.6*	*0.14*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.40*	*U*	*2.0*	*0.18*

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

Lab Name: TestAmerica Burlington | Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA DL | Lab Sample ID: 280-39902-2 DL

Matrix: Air | Lab File ID: clmb016.d

Analysis Method: TO-15 | Date Collected: 03/06/2013 14:40

Sample wt/vol: 80(mL) | Date Analyzed: 04/01/2013 22:04

Soil Aliquot Vol: | Dilution Factor: 2.5

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 53730 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.4		2.0	0.17
79-01-6	Trichloroethene	131.39	6.3		2.7	0.12
80-62-6	Methyl methacrylate	100.12	0.41	U	5.1	0.16
78-87-5	1,2-Dichloropropane	112.99	0.92	U	2.3	0.27
123-91-1	1,4-Dioxane	88.11	1.8	U	45	0.63
75-27-4	Bromodichloromethane	163.83	0.67	U	3.4	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	0.45	U	2.3	0.15
108-10-1	methyl isobutyl ketone	100.16	0.82	U	5.1	0.35
108-88-3	Toluene	92.14	5.1		1.9	0.13
10061-02-6	trans-1,3-Dichloropropene	110.97	0.45	U	2.3	0.17
79-00-5	1,1,2-Trichloroethane	133.41	0.55	U	2.7	0.22
127-18-4	Tetrachloroethene	165.83	0.68	U	3.4	0.25
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.82	U	5.1	0.41
124-48-1	Dibromochloromethane	208.29	0.85	U	4.3	0.23
106-93-4	1,2-Dibromoethane	187.87	0.77	U	3.8	0.27
108-90-7	Chlorobenzene	112.30	0.46	U	2.3	0.15
100-41-4	Ethylbenzene	106.17	1.4	J	2.2	0.16
179601-23-1	m,p-Xylene	106.17	5.3	J	5.4	0.24
95-47-6	Xylene, o-	106.17	1.9	J	2.2	0.17
1330-20-7	Xylene (total)	106.17	7.3		2.2	0.17
100-42-5	Styrene	104.15	0.43	U	2.1	0.12
75-25-2	Bromoform	252.75	0.72	U	5.2	0.19
98-82-8	Cumene	120.19	0.49	U	2.5	0.14
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.69	U	3.4	0.19
103-65-1	n-Propylbenzene	120.19	0.49	U	2.5	0.16
622-96-8	4-Ethyltoluene	120.20	0.49	U	2.5	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	0.49	U	2.5	0.23
95-49-8	2-Chlorotoluene	126.59	0.52	U	2.6	0.17
98-06-6	tert-Butylbenzene	134.22	0.55	U	2.7	0.15
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1	J	2.5	0.26
135-98-8	sec-Butylbenzene	134.22	0.55	U	2.7	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	2.7	0.27
541-73-1	1,3-Dichlorobenzene	147.00	24		3.0	0.29
106-46-7	1,4-Dichlorobenzene	147.00	0.60	U	3.0	0.27

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0202HA DL Lab Sample ID: 280-39902-2 DL

Matrix: Air Lab File ID: clmb016.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:40

Sample wt/vol: 80(mL) Date Analyzed: 04/01/2013 22:04

Soil Aliquot Vol: Dilution Factor: 2.5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*1.0*	*U*	*2.6*	*0.28*
104-51-8	*n-Butylbenzene*	*134.22*	*1.1*	*U*	*2.7*	*0.30*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*1.2*	*U*	*3.0*	*0.39*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*1.5*	*U*	*9.3*	*0.56*
87-68-3	*Hexachlorobutadiene*	*260.76*	*2.1*	*U*	*5.3*	*0.77*
91-20-3	*Naphthalene*	*128.17*	*1.0*	*U*	*6.6*	*0.50*

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-2
Client Smp ID: 786VMP0202HA
Inj Date : 01-APR-2013 22:04
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-2
Misc Info : 80,2.5,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 11
Dil Factor: 2.50000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	2.50000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	80.00000	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)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	16962	0.23013	0.58(a)
3 Chlorodifluoromethane	51	3.752	3.752	(0.339)	4468	0.13582	0.34(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	4.382	4.376	(0.396)	5460	0.25207	0.63(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	6803	0.10309	0.26(aM)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.333	7.333	(0.662)	69731	4.06824	10(aQ)
21 Carbon disulfide	76	Compound Not Detected.					

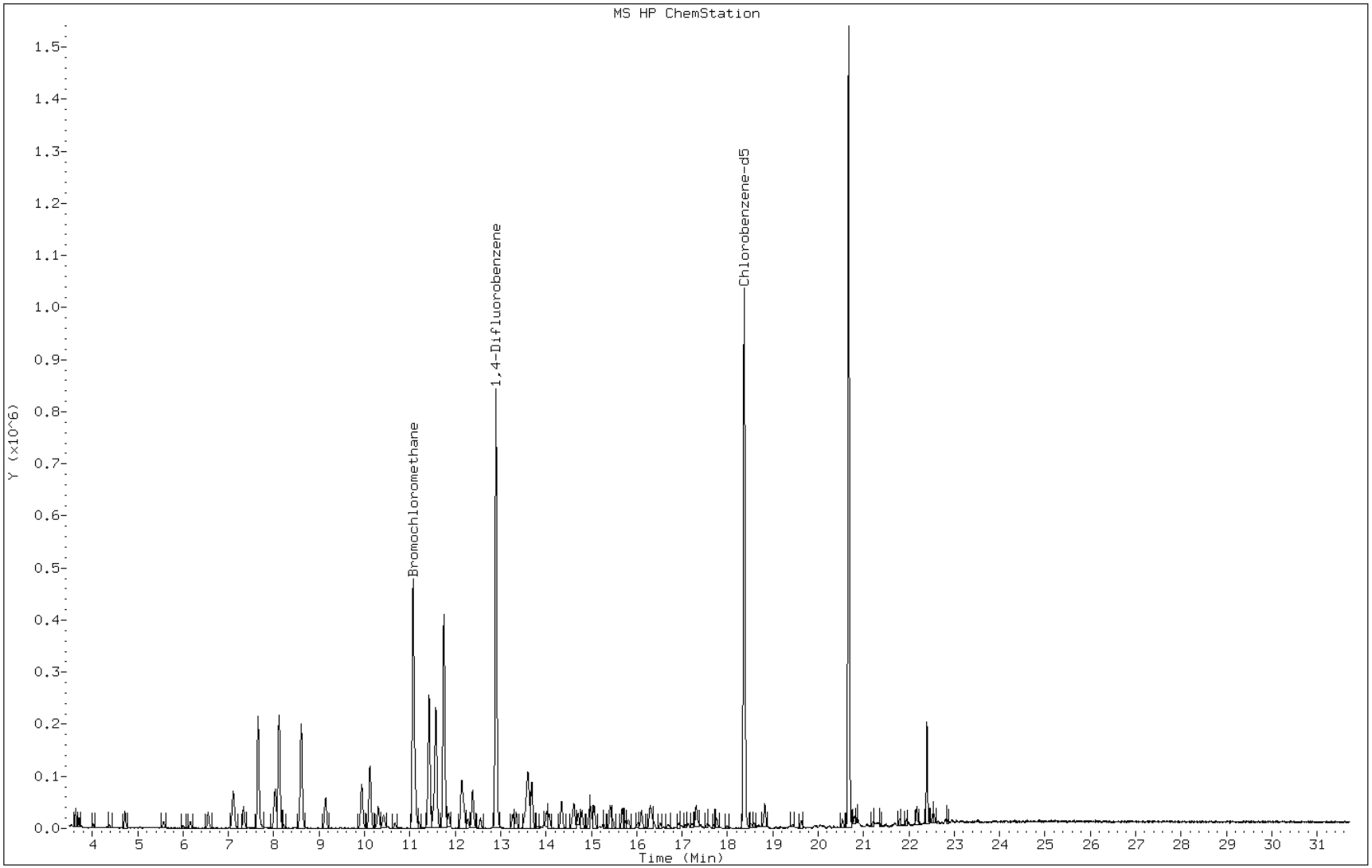
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	22 Isopropanol	45	7.653	7.658	(0.691)	381060	28.1077	70
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.208	8.208	(0.742)	2490	0.14969	0.37(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.142	9.142	(0.826)	42131	1.73538	4.3
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.679	10.668	(0.965)	5903	0.82372	2.1
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	187776	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	11.197	11.202	(1.012)	9052	0.19381	0.48(aQ)
	40 Cyclohexane	84	11.522	11.522	(0.893)	26306	1.04100	2.6(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	44248	0.60704	1.5(Q)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.552	12.552	(0.973)	9715	0.42833	1.1
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	996703	10.0000	
	49 Trichloroethene	95	13.348	13.342	(1.035)	13840	0.46764	1.2
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.685	15.685	(0.854)	22795	0.53750	1.3
	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	18.370	18.375	(1.000)	940881	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.594	18.594	(1.012)	11844	0.12986	0.32(a)
	69 Xylene (m,p)	106	18.823	18.834	(1.025)	16755	0.49064	1.2(a)
M	70 Xylenes, Total	106				22771	0.66964	1.7
	71 Xylene (o)	106	19.624	19.629	(1.068)	6016	0.17900	0.45(a)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	7720	0.08916	0.22(aQ)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	96417	1.57677	3.9(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb016.d	Date:	01-APR-2013 22:04
Client ID:	786VMP0202HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-2		
Lab Sample ID:	280-39902-2		



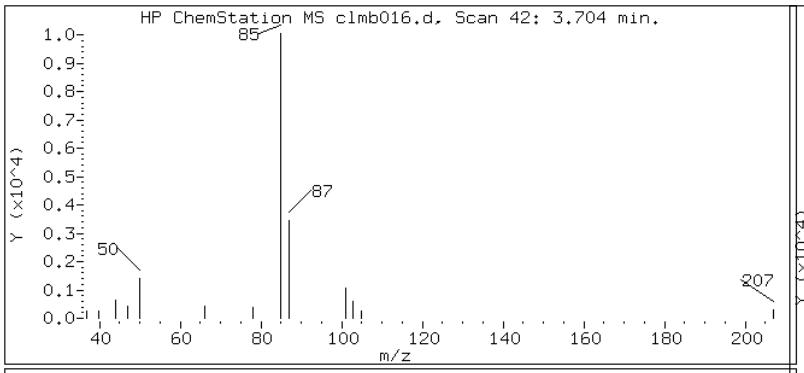
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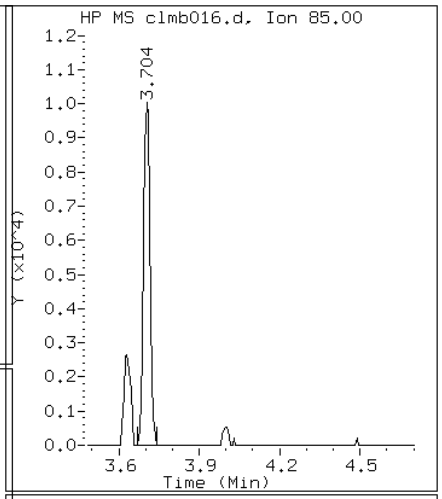
Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

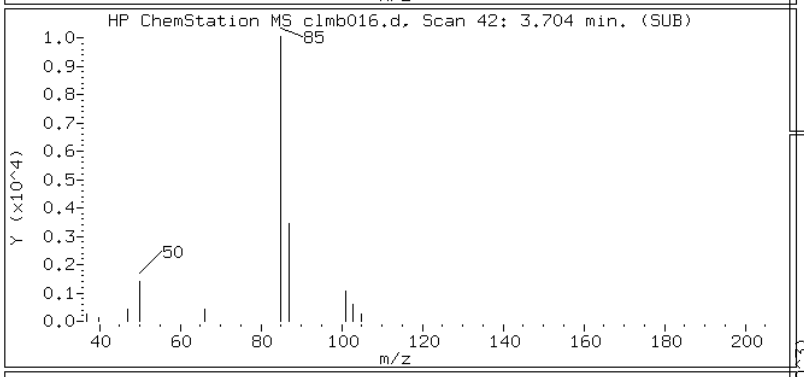
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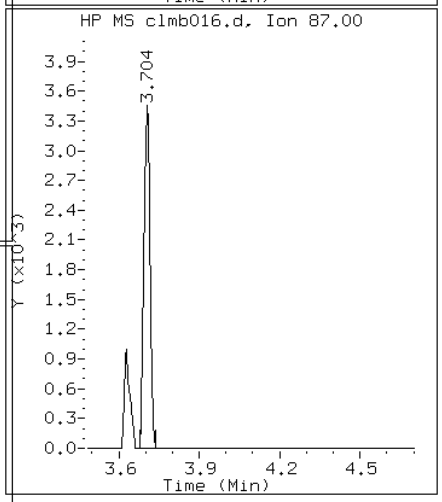
Sample Info: 280-39902-A-2 Operator: wrd

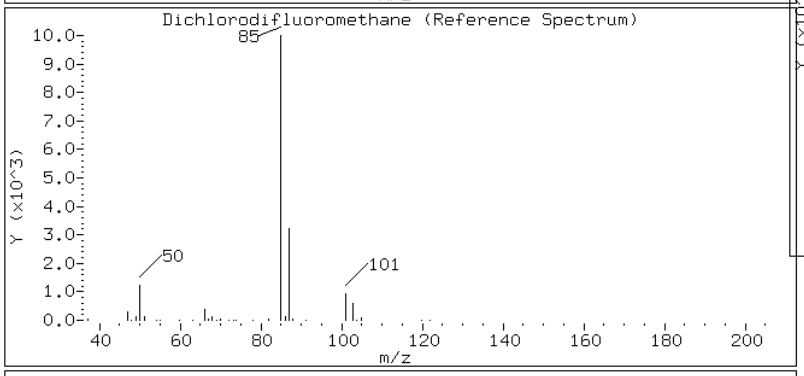
2 Dichlorodifluoromethane

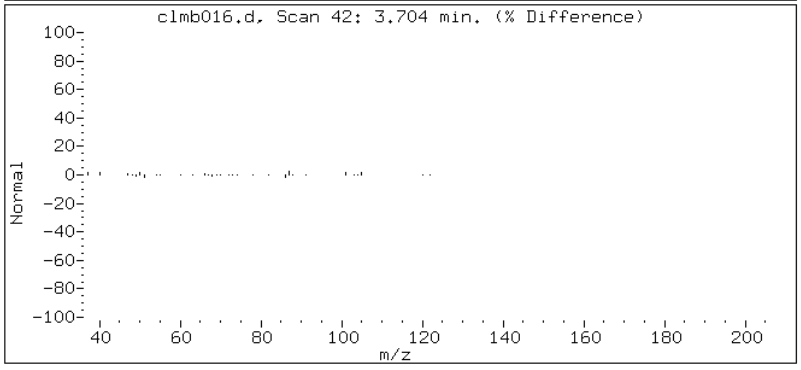












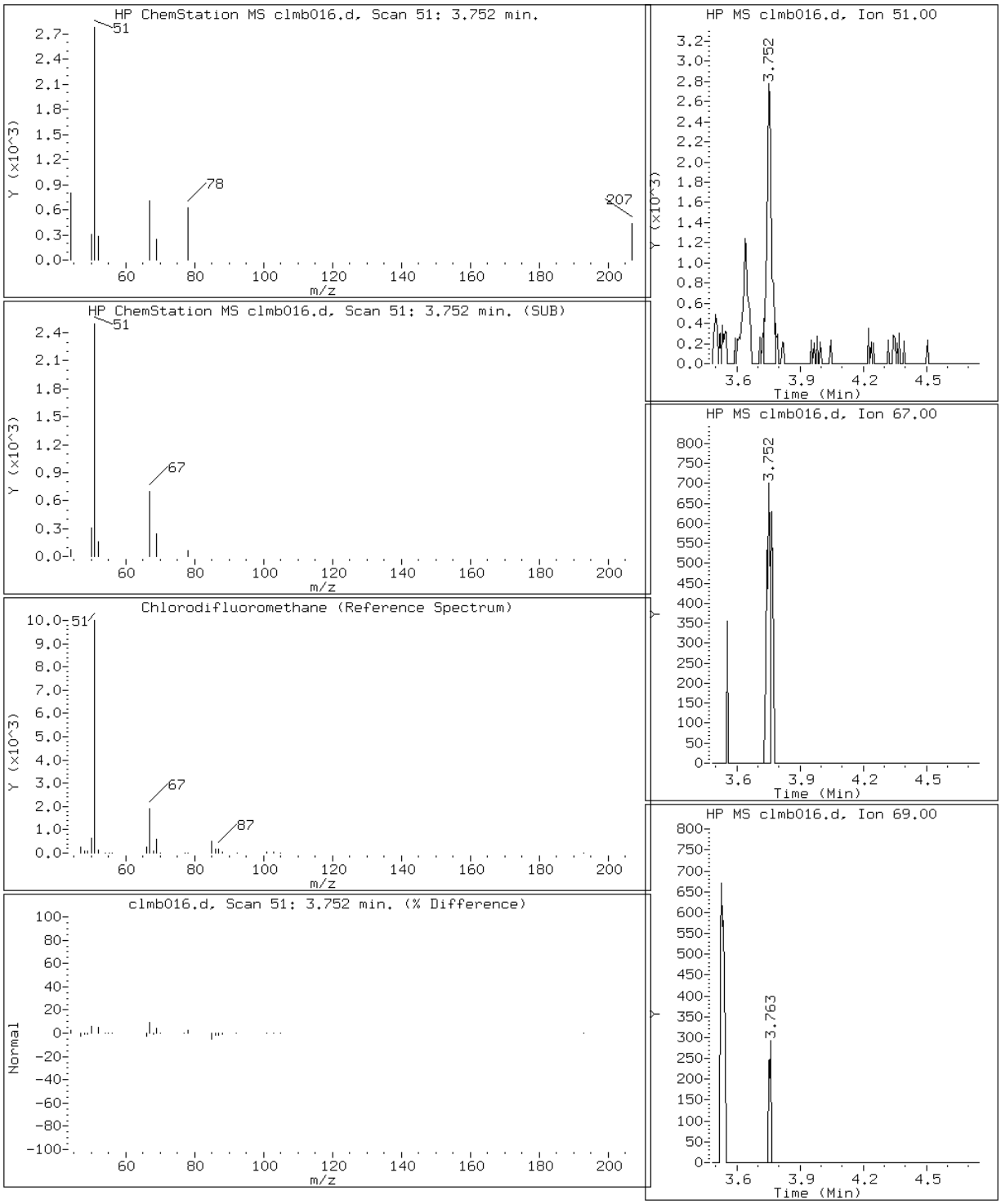
Data File: clmb016.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

3 Chlorodifluoromethane



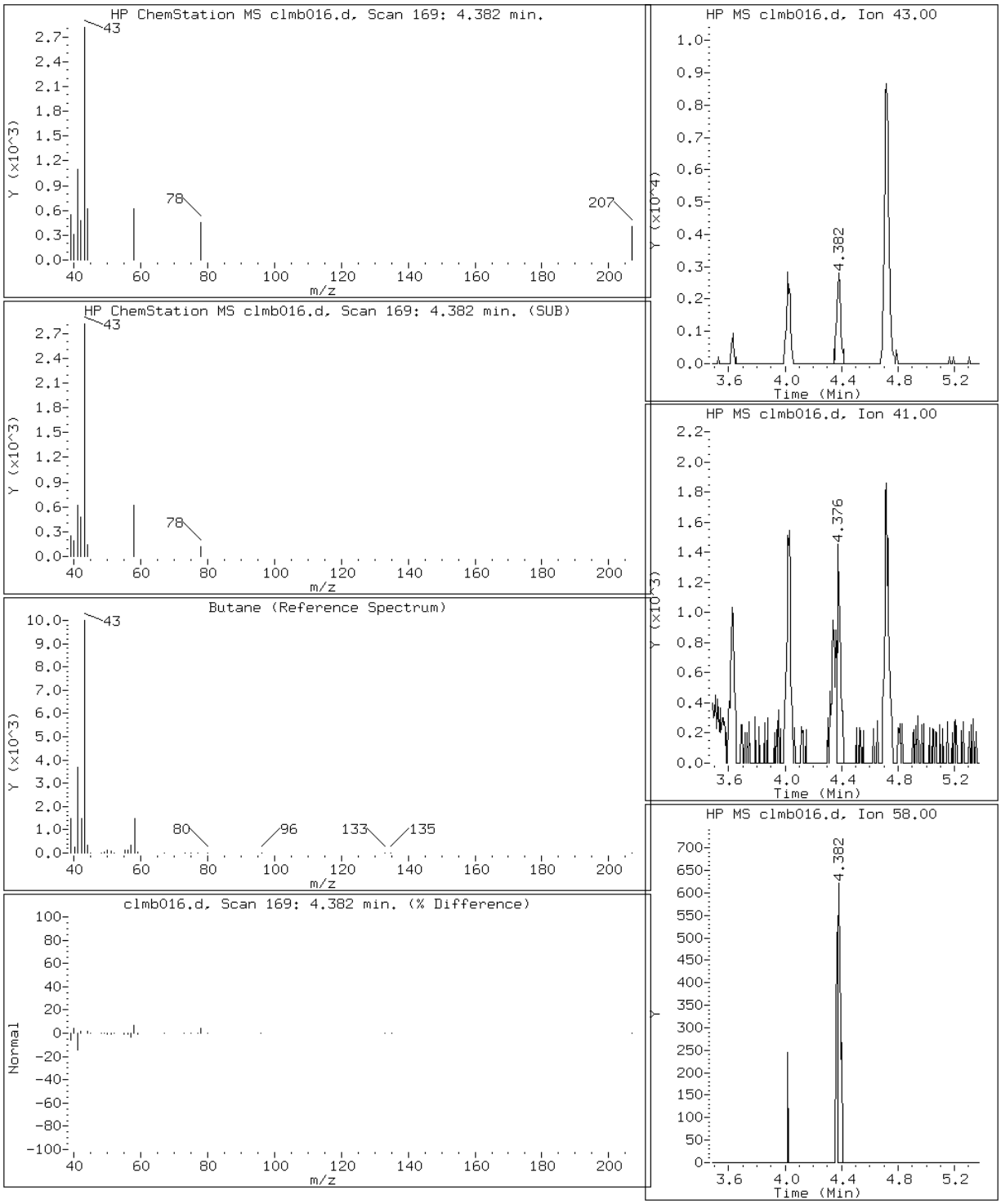
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

6 Butane



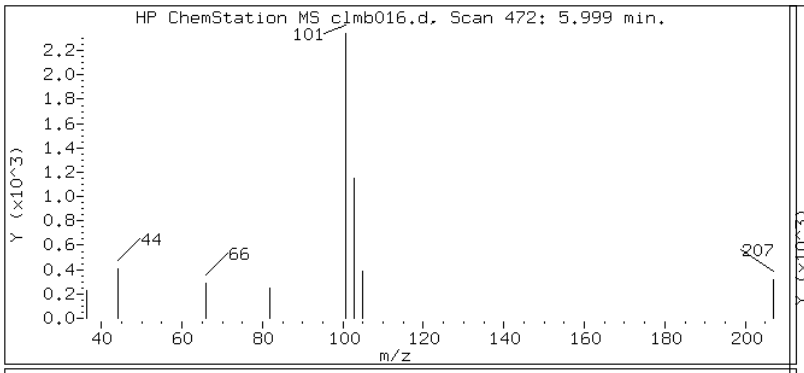
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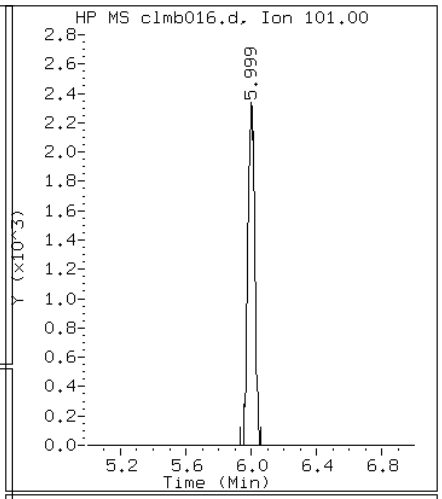
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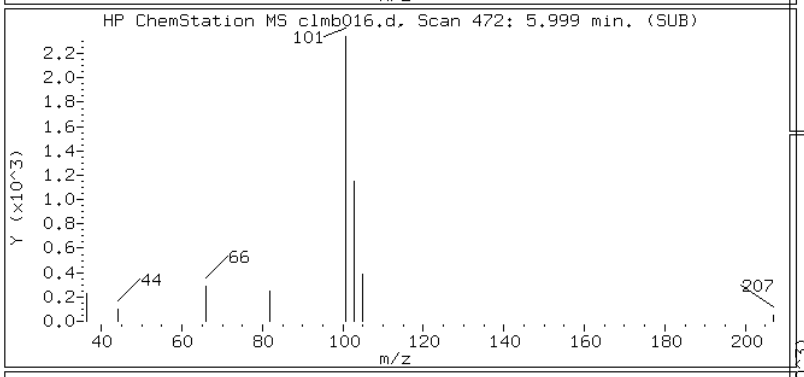
Client ID: 786VMP0202HA Instrument: C.i

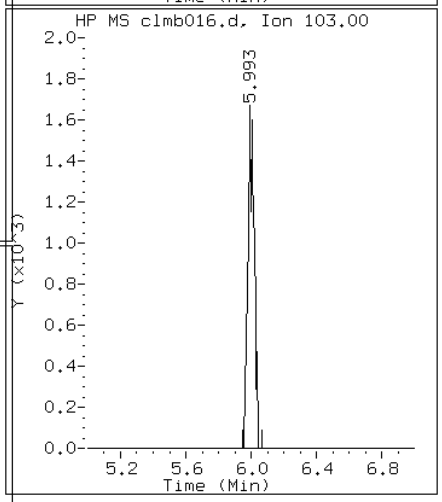
Sample Info: 280-39902-A-2 Operator: wrd

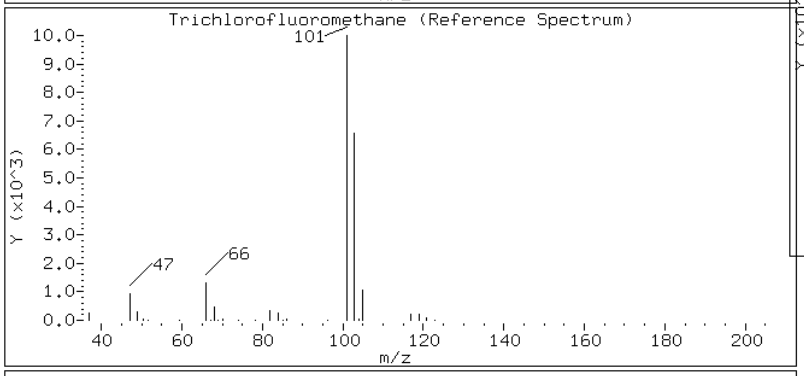
13 Trichlorofluoromethane

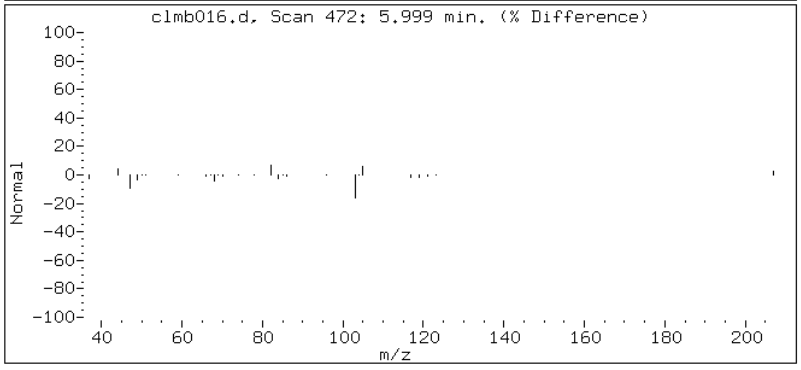












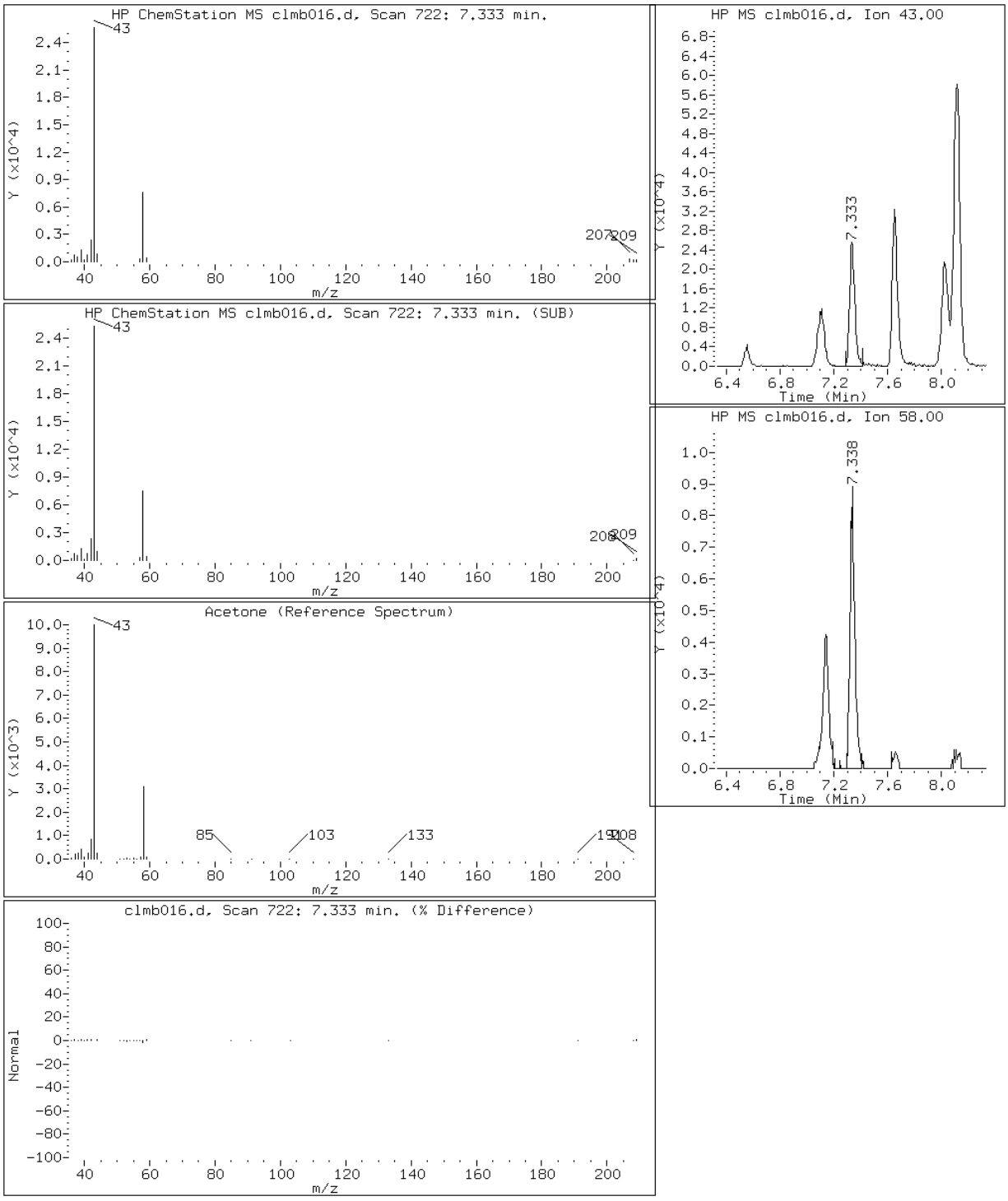
Data File: clmb016.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

20 Acetone



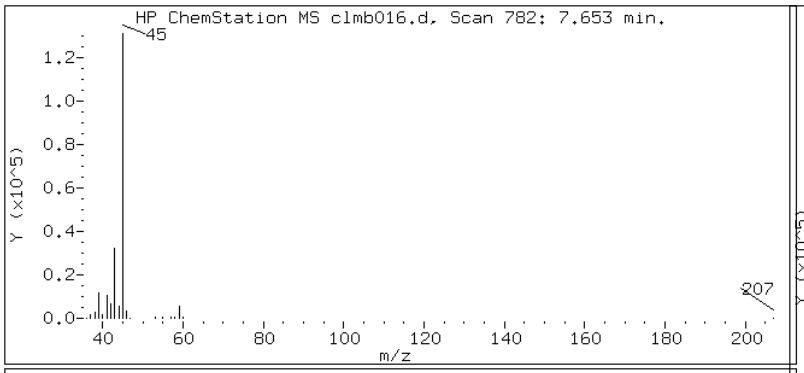
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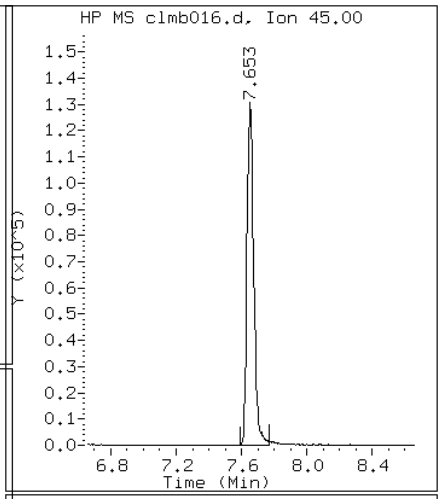
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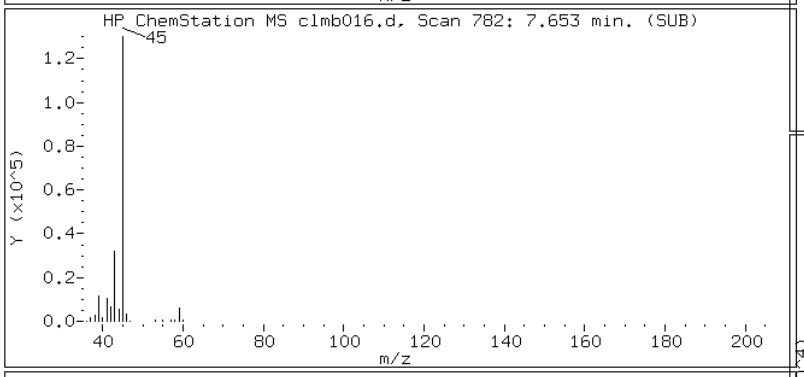
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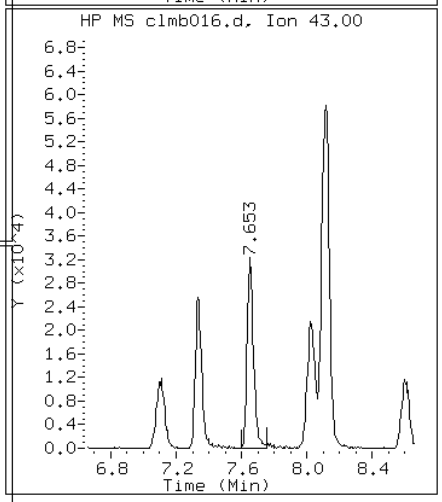
Sample Info: 280-39902-A-2 Operator: wrd

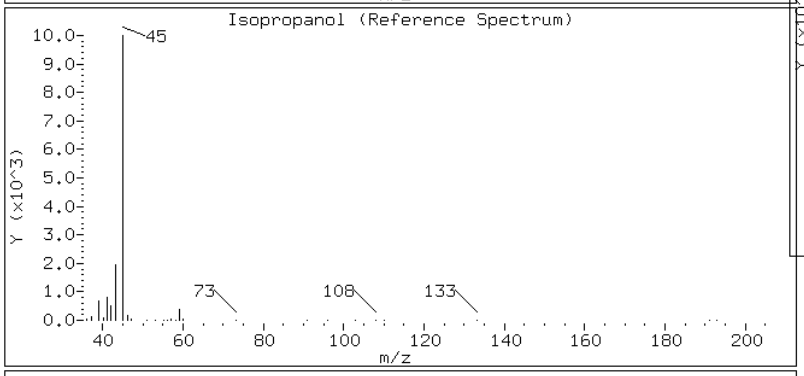
22 Isopropanol

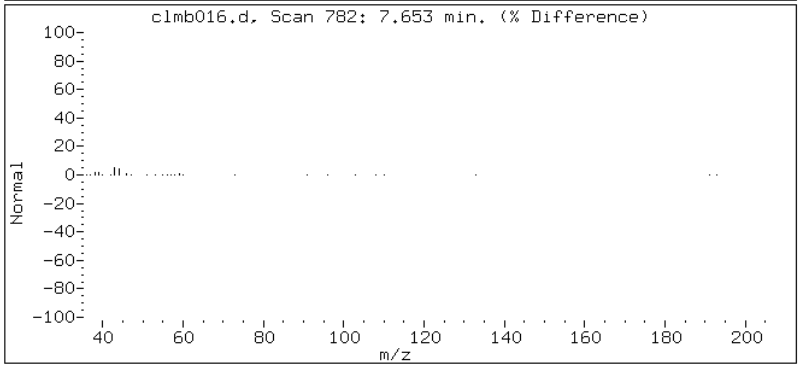












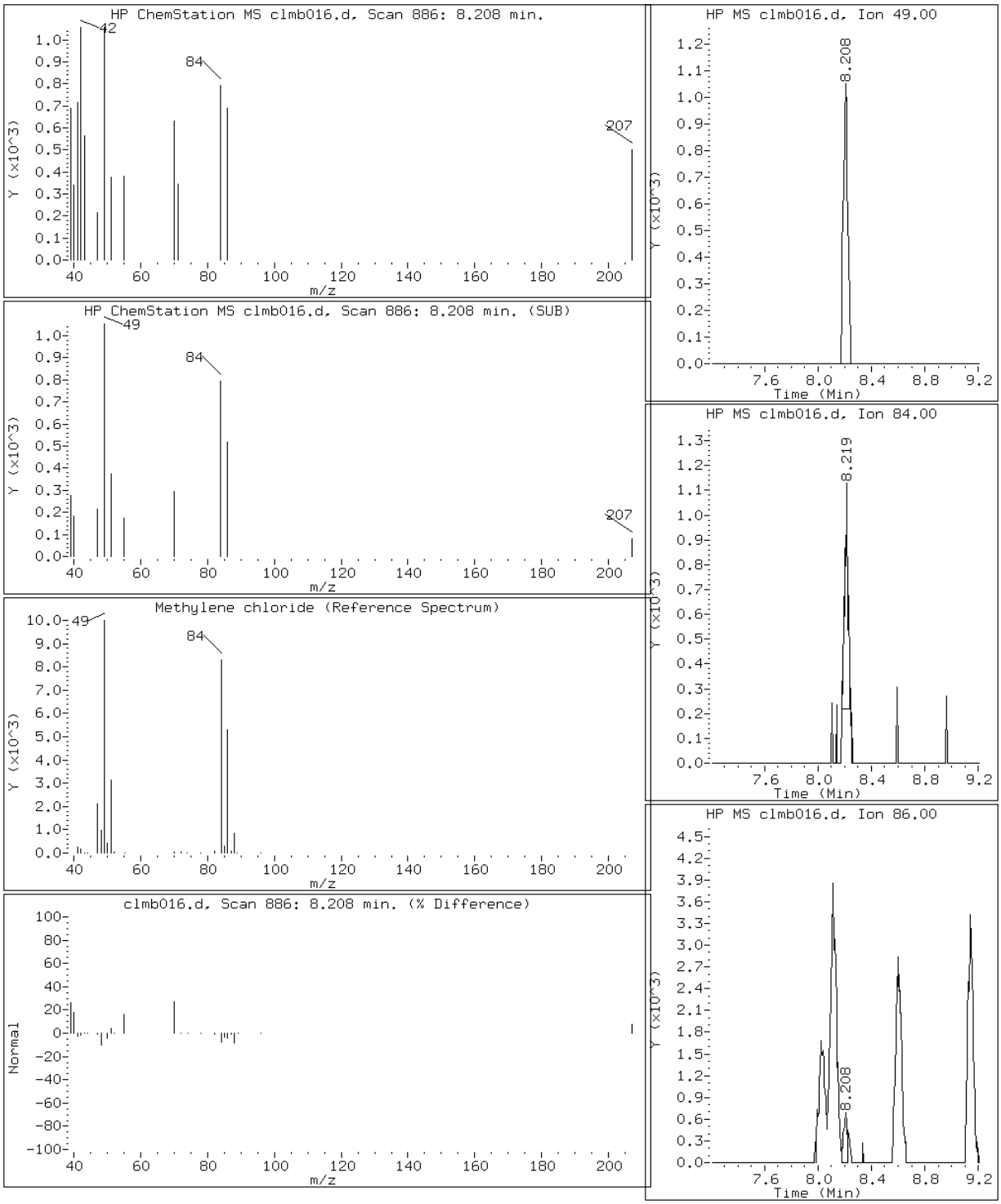
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

25 Methylene chloride



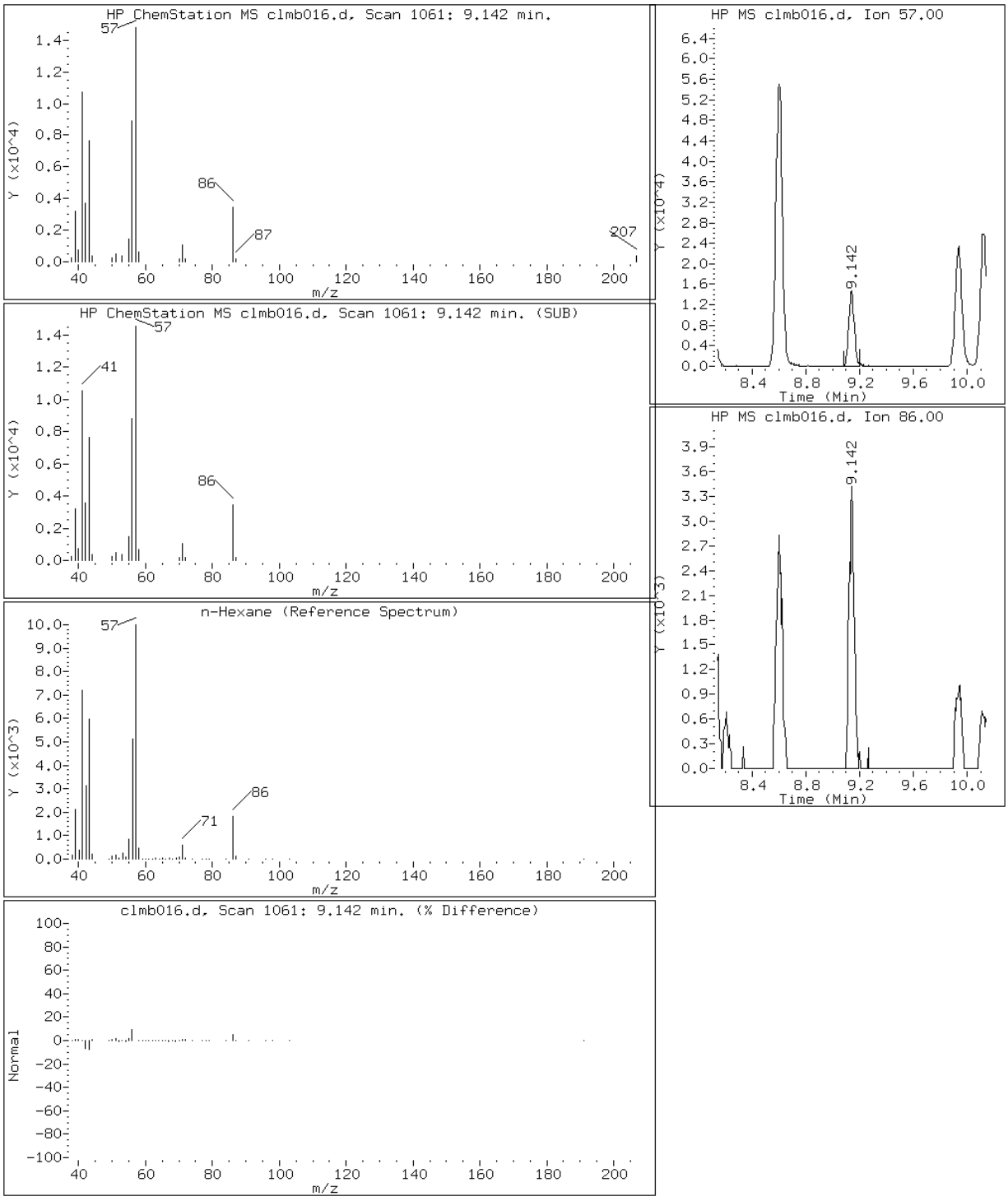
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

30 n-Hexane



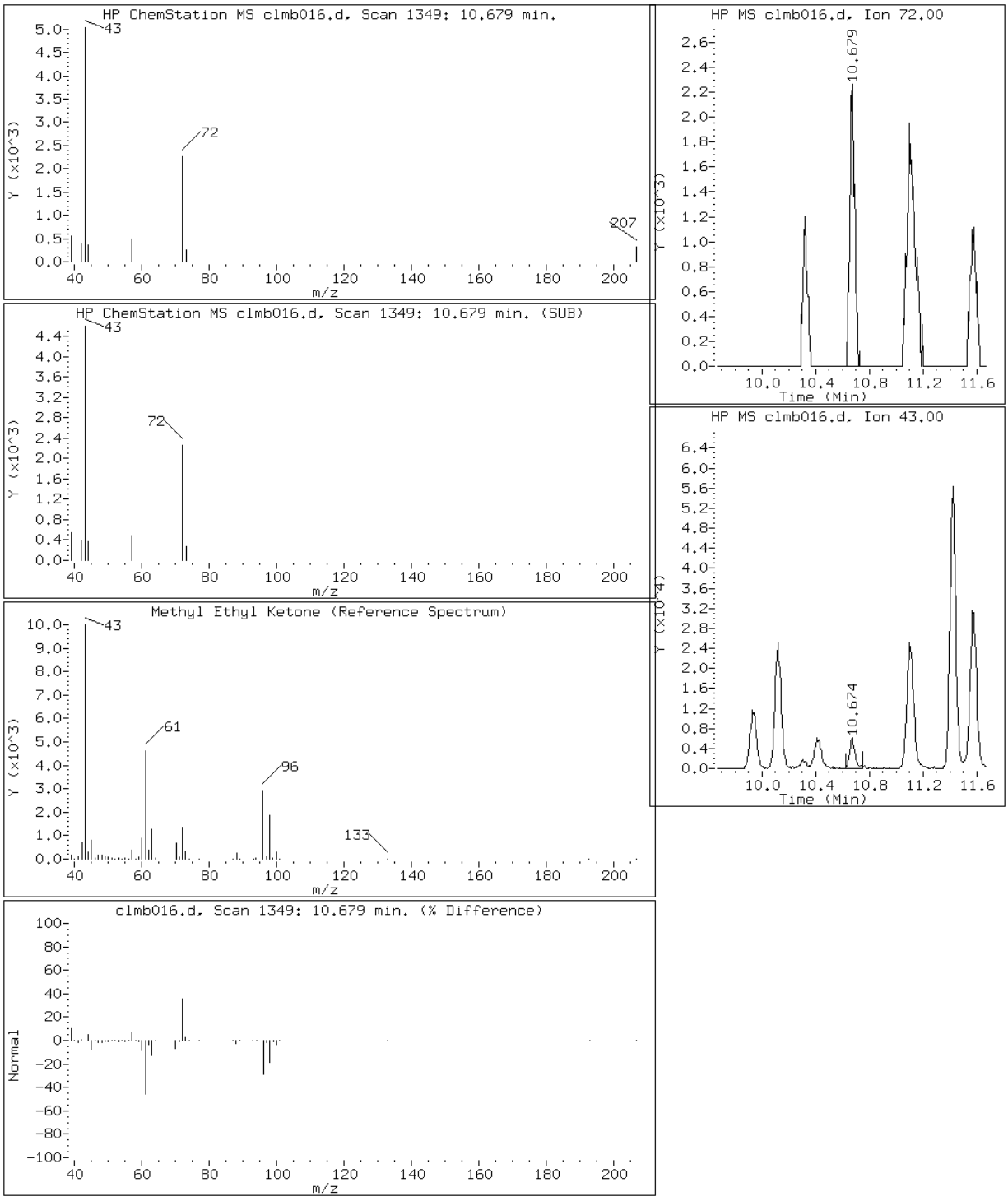
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

36 Methyl Ethyl Ketone



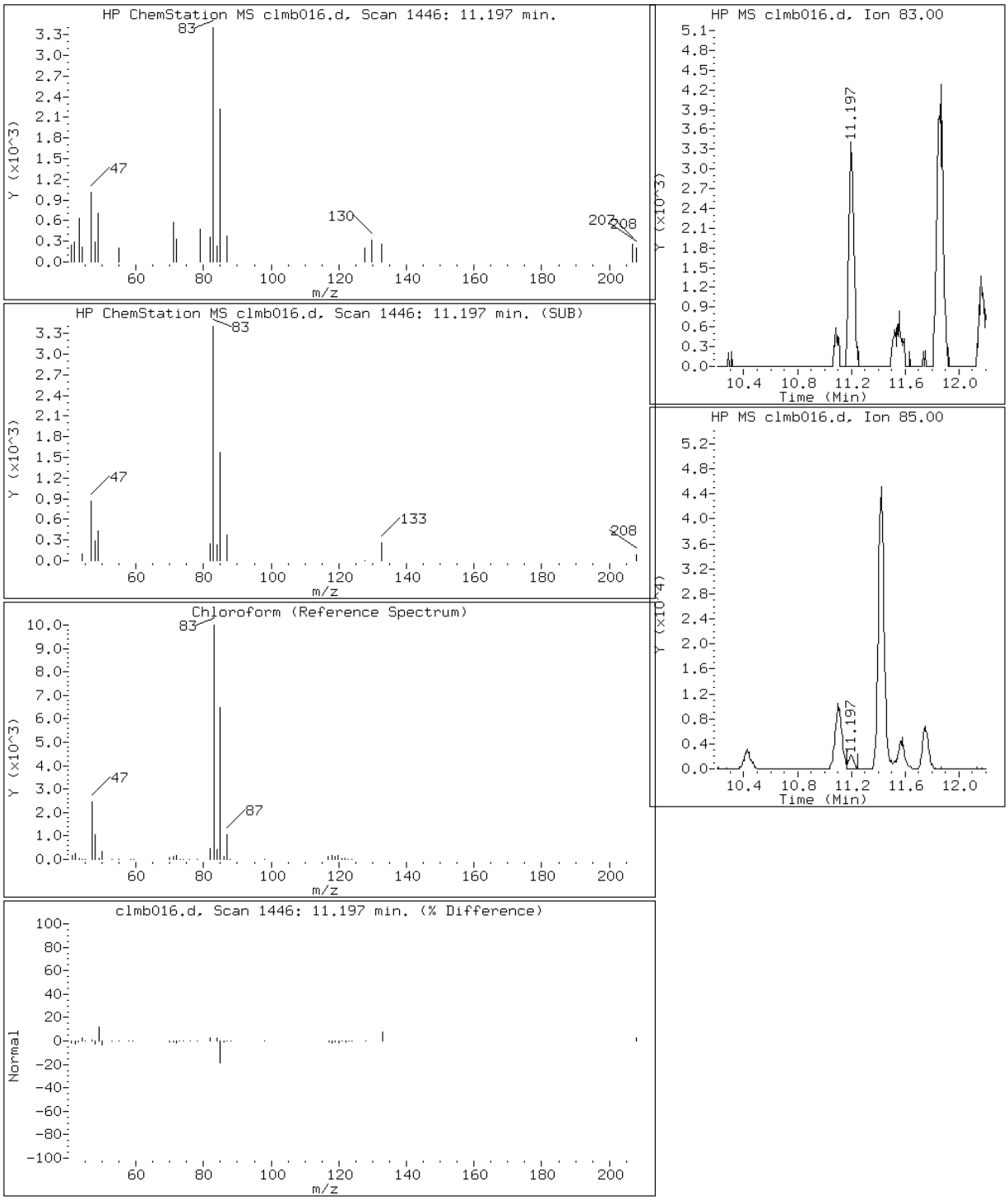
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

39 Chloroform



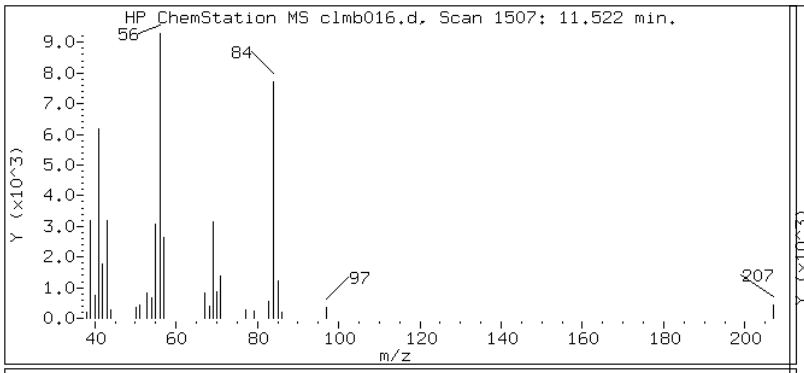
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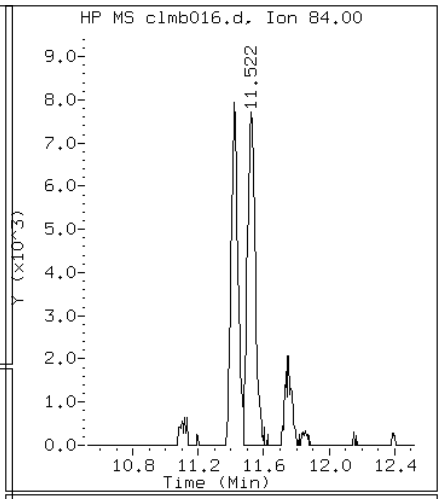
Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

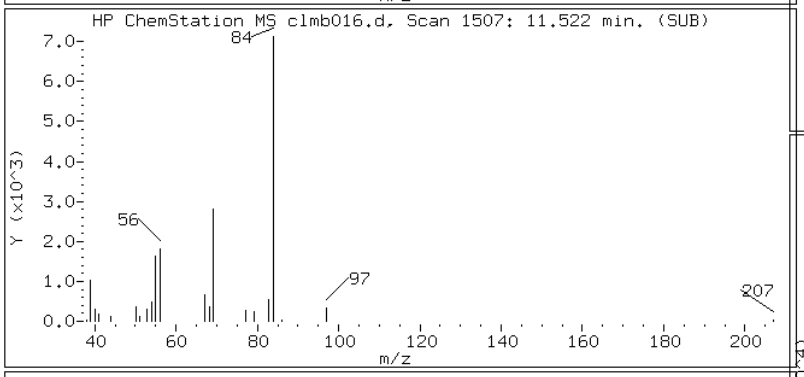
Client ID: 786VMP0202HA Instrument: C.i

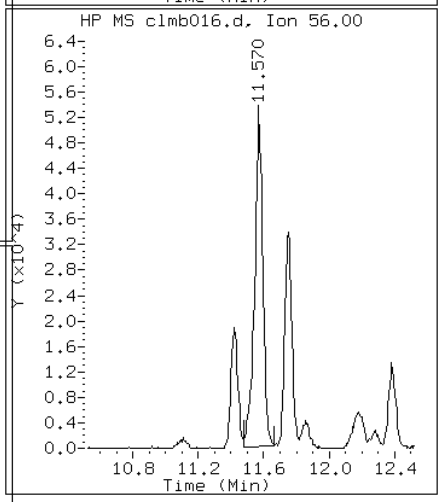
Sample Info: 280-39902-A-2 Operator: wrd

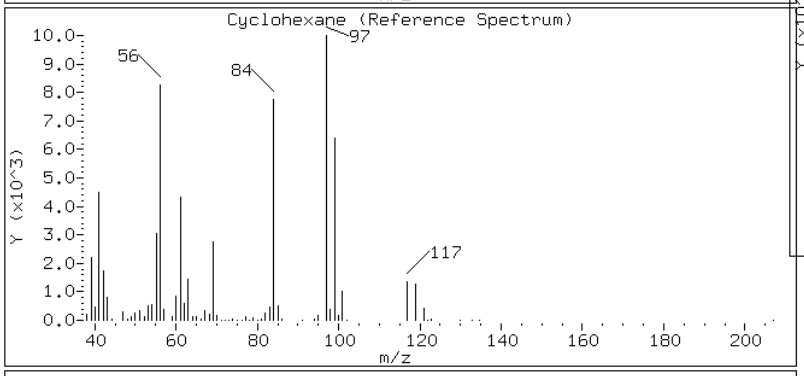
40 Cyclohexane

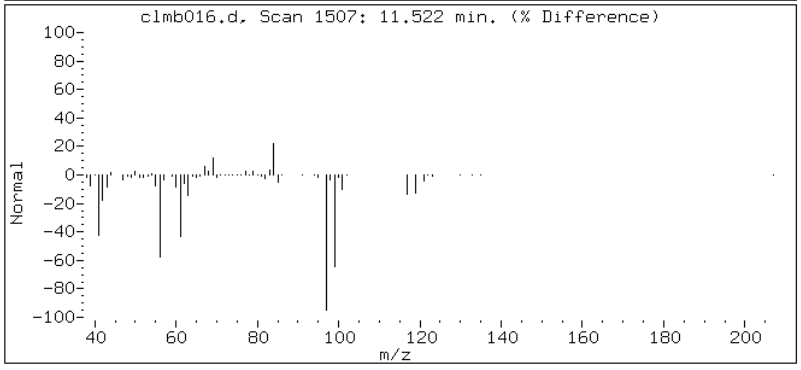












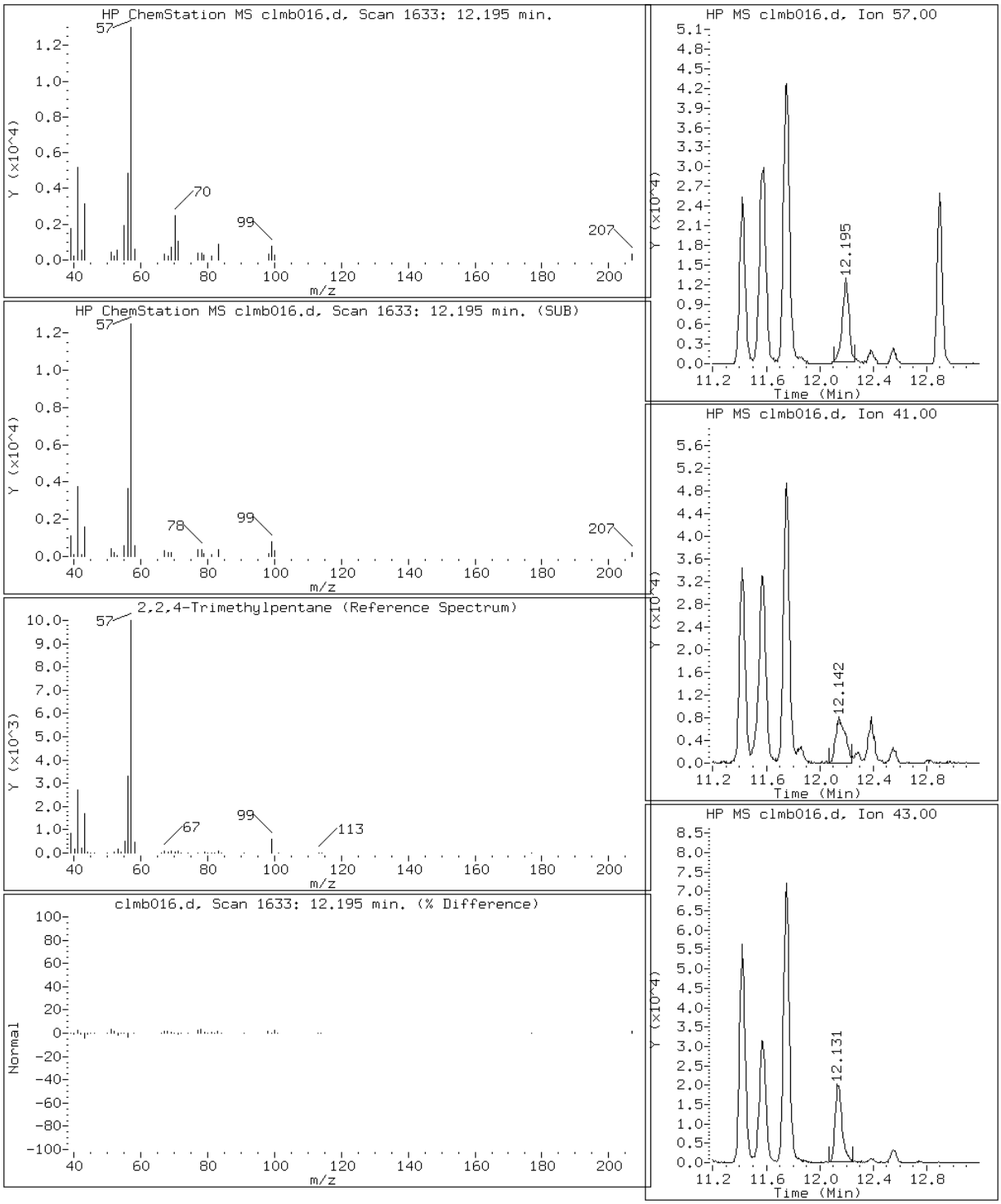
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

43 2,2,4-Trimethylpentane



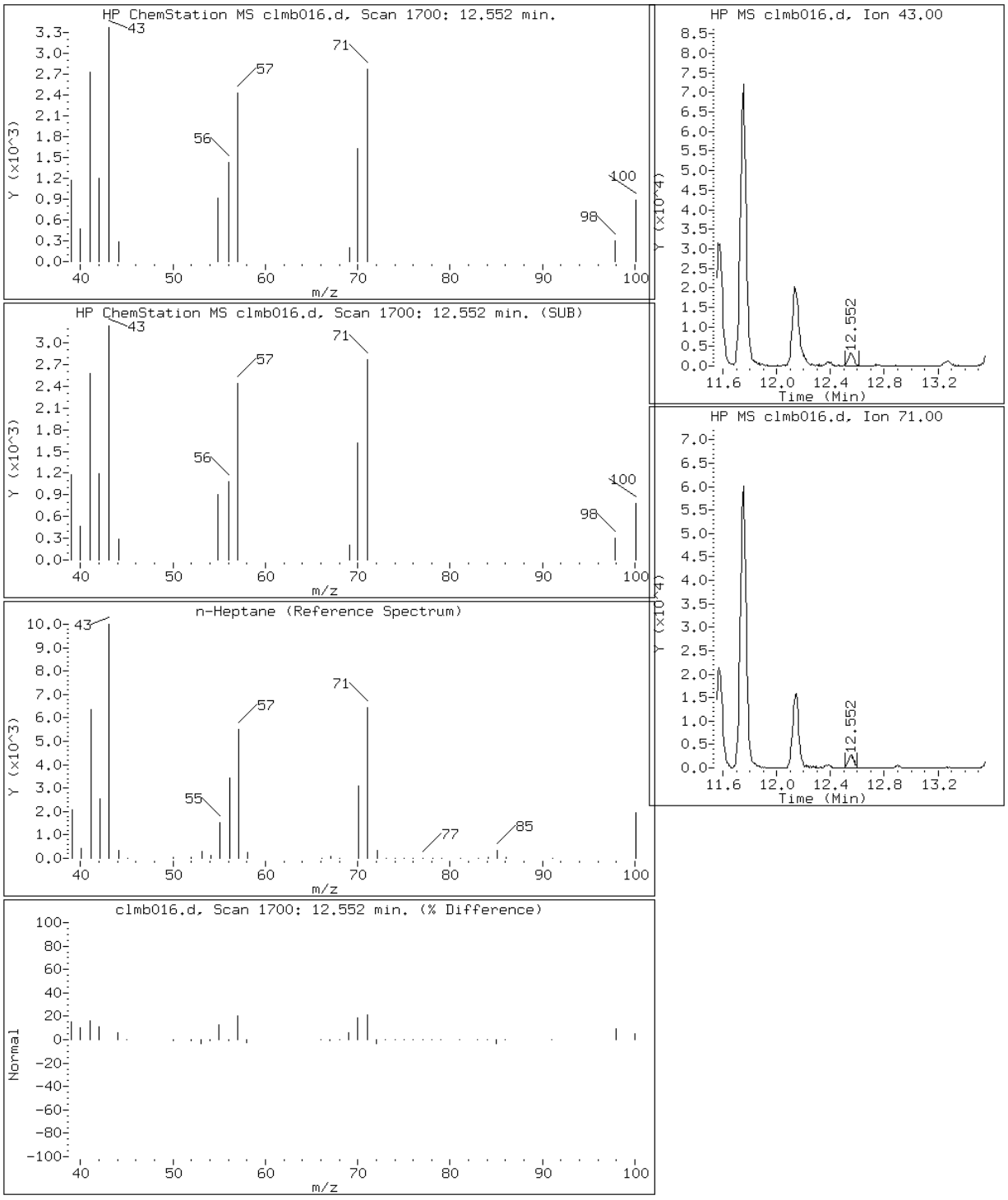
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

46 n-Heptane



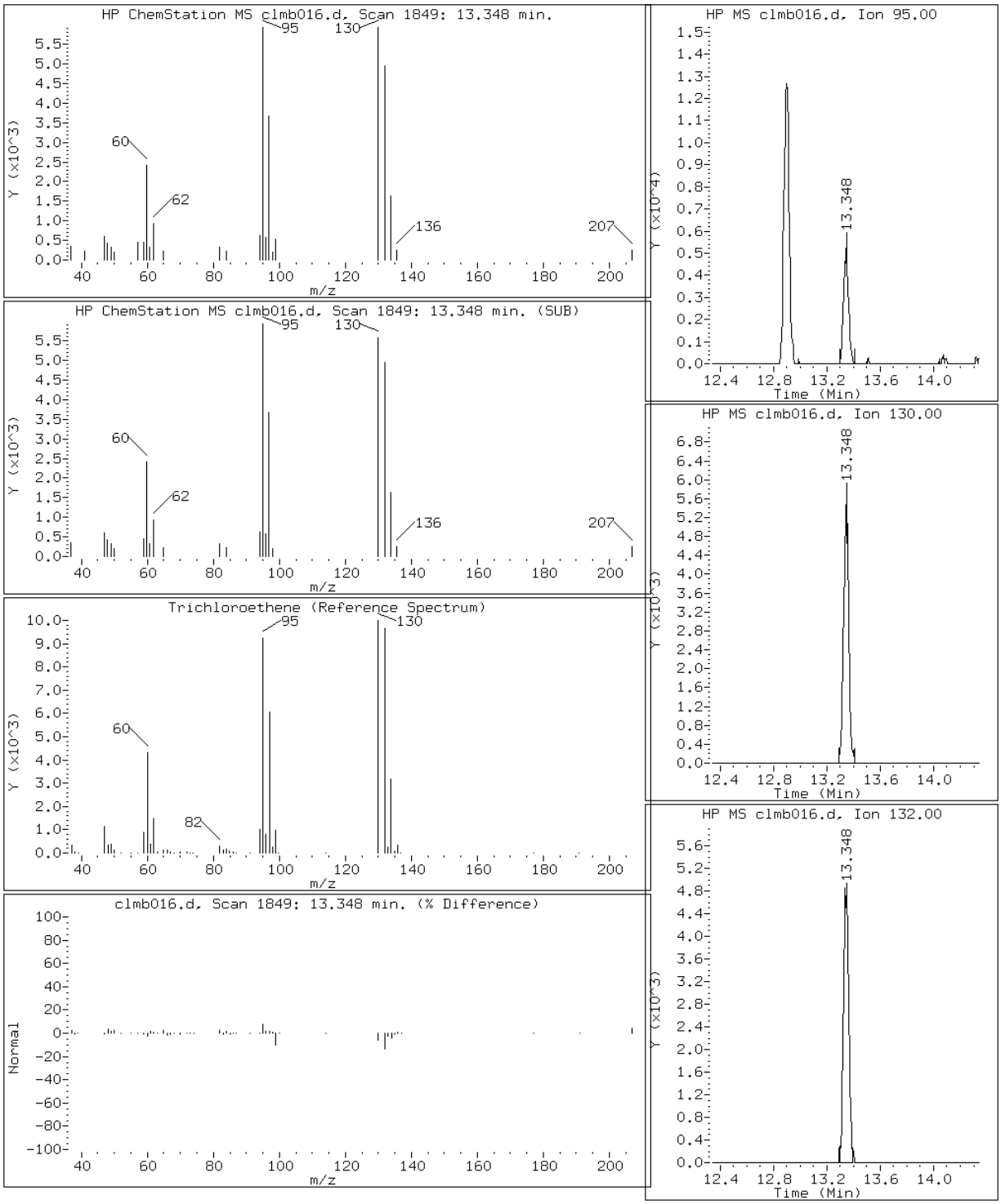
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

49 Trichloroethene



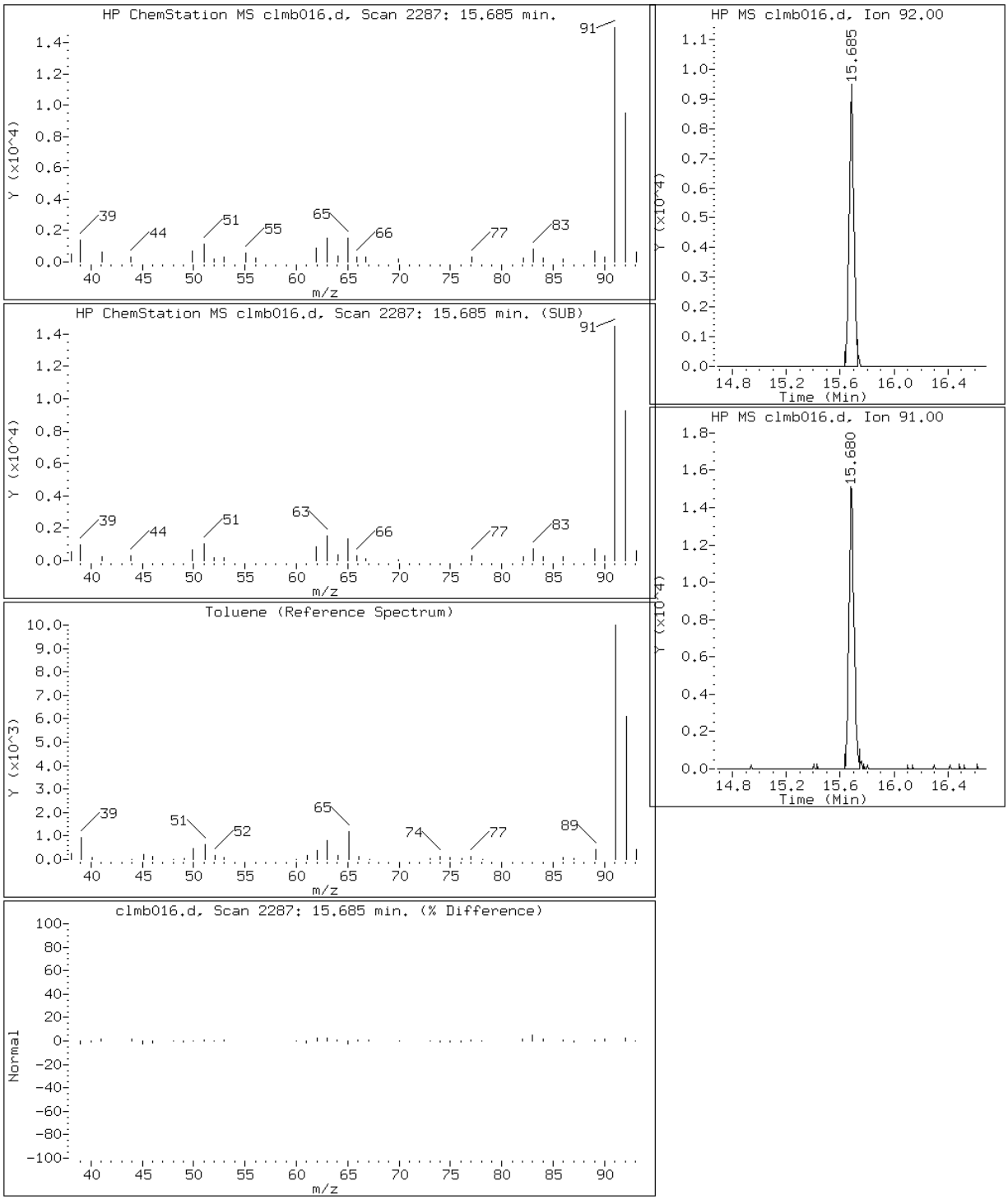
Data File: clmb016.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

58 Toluene



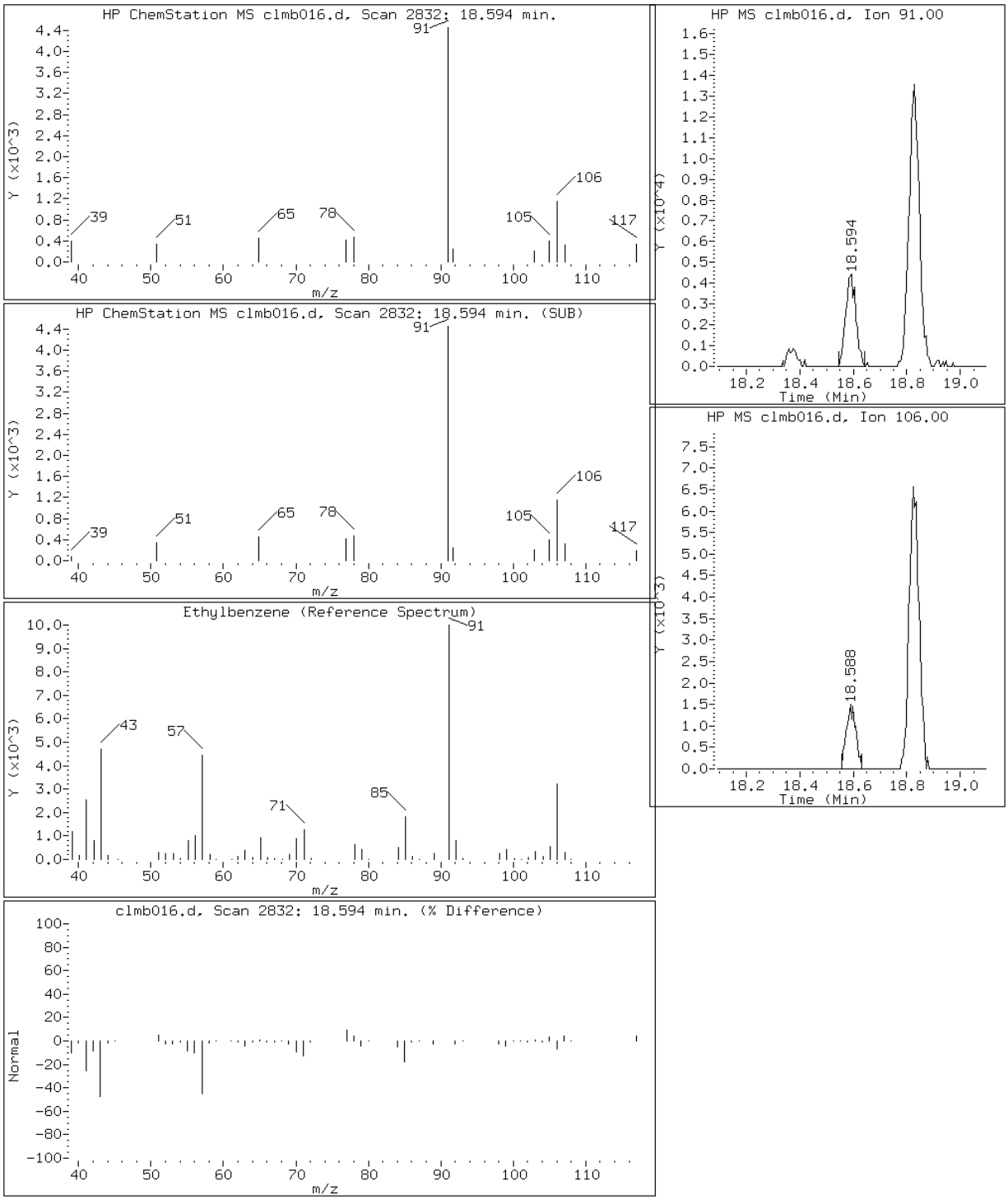
Data File: clmb016.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

68 Ethylbenzene



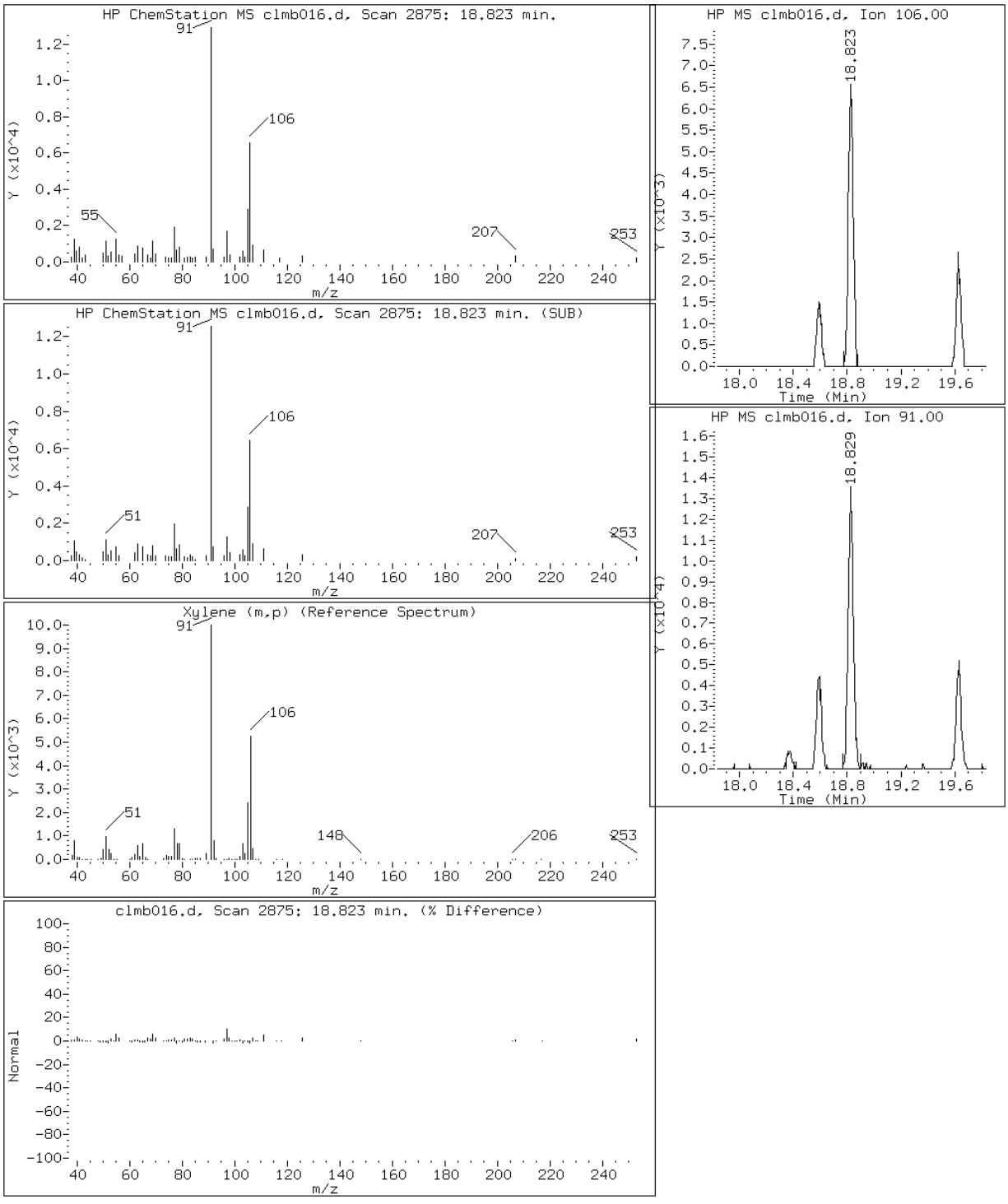
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

69 Xylene (m,p)



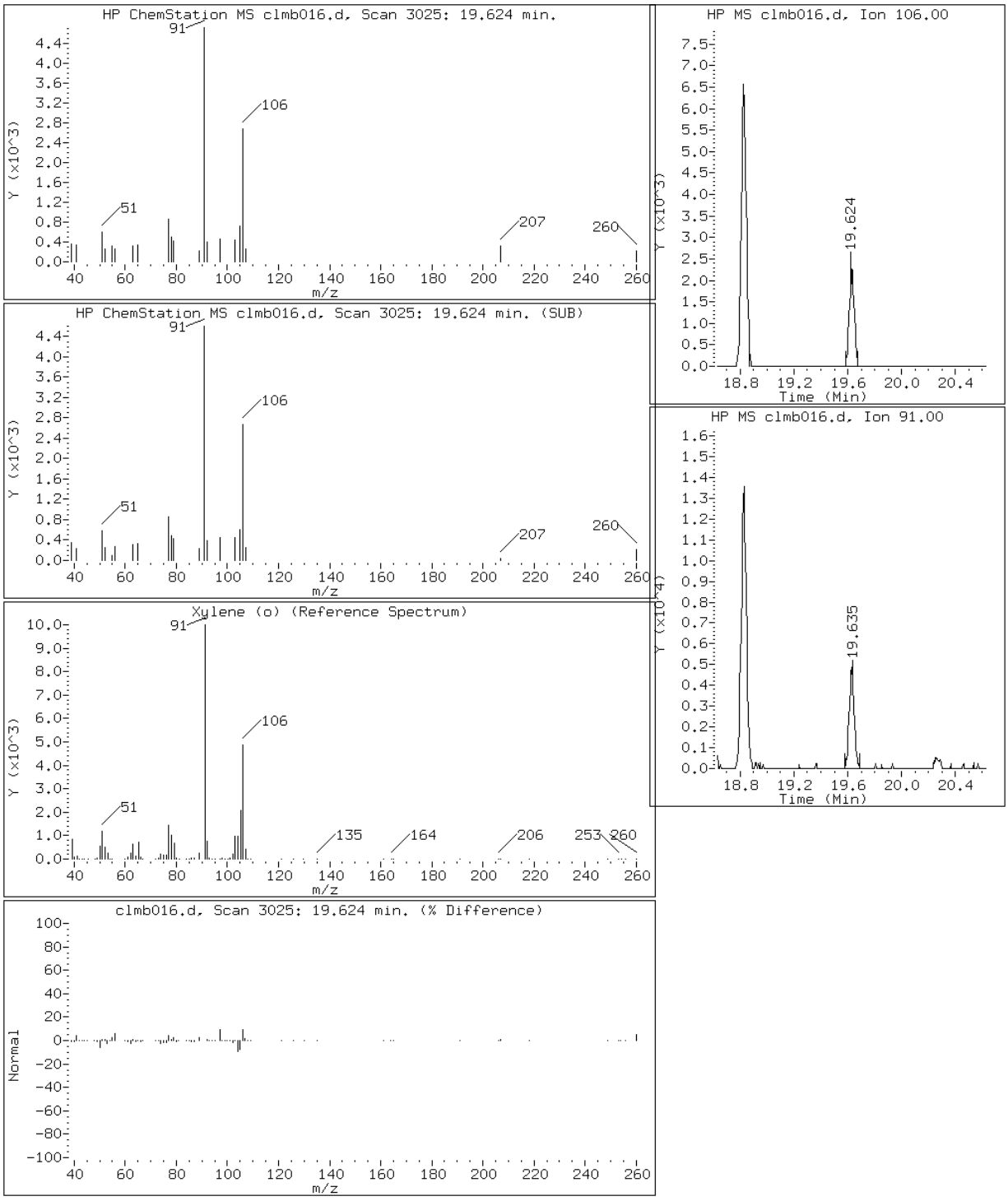
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

71 Xylene (o)



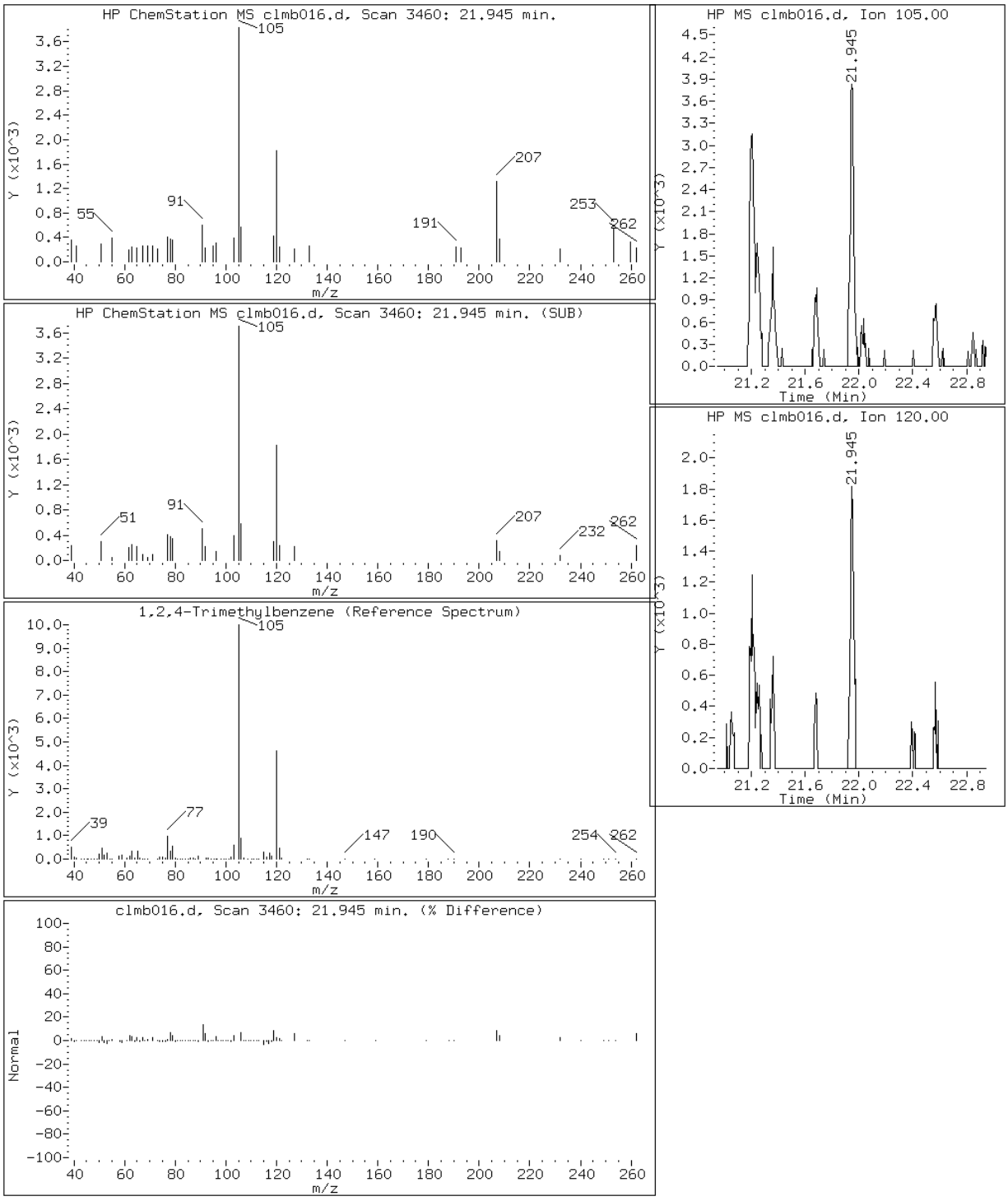
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Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

84 1,2,4-Trimethylbenzene



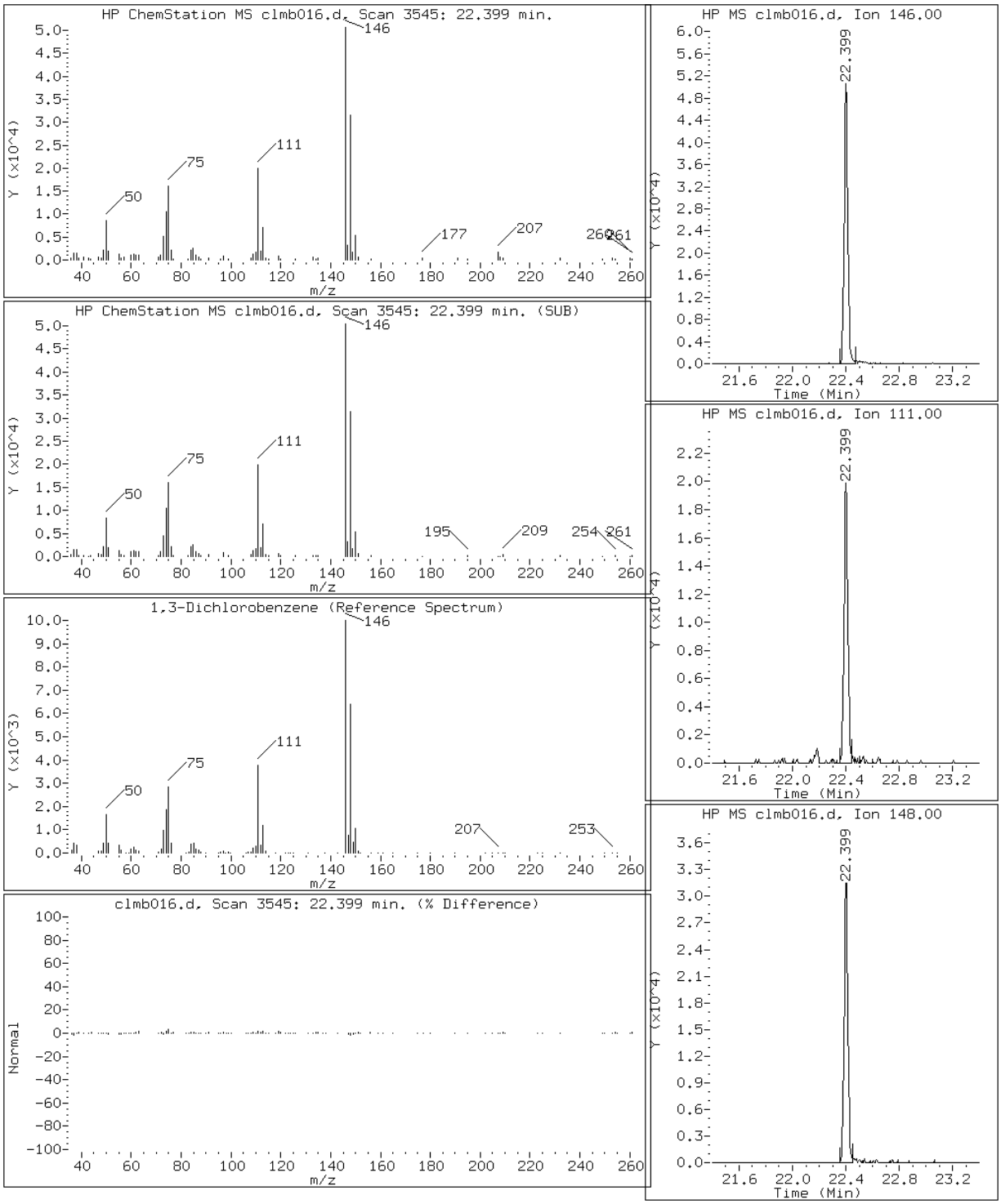
Data File: clmb016.d

Lab Sample ID: 280-39902-2 Date: 01-APR-2013 22:04

Client ID: 786VMP0202HA Instrument: C.i

Sample Info: 280-39902-A-2 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb016.d
Lab Sample ID: 280-39902-2
Inj. Date and Time: 01-APR-2013 22:04
Instrument ID: C.i
Client ID: 786VMP0202HA
Compound: 13 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 04/02/2013

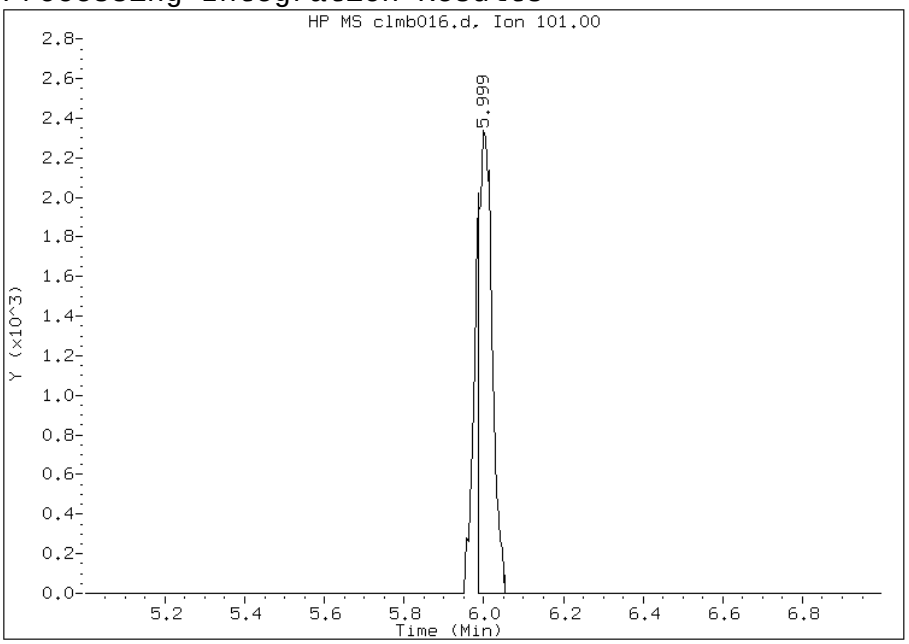
Processing Integration Results

RT: 6.00

Response: 5269

Amount: 0.079843

Conc: 0.199607



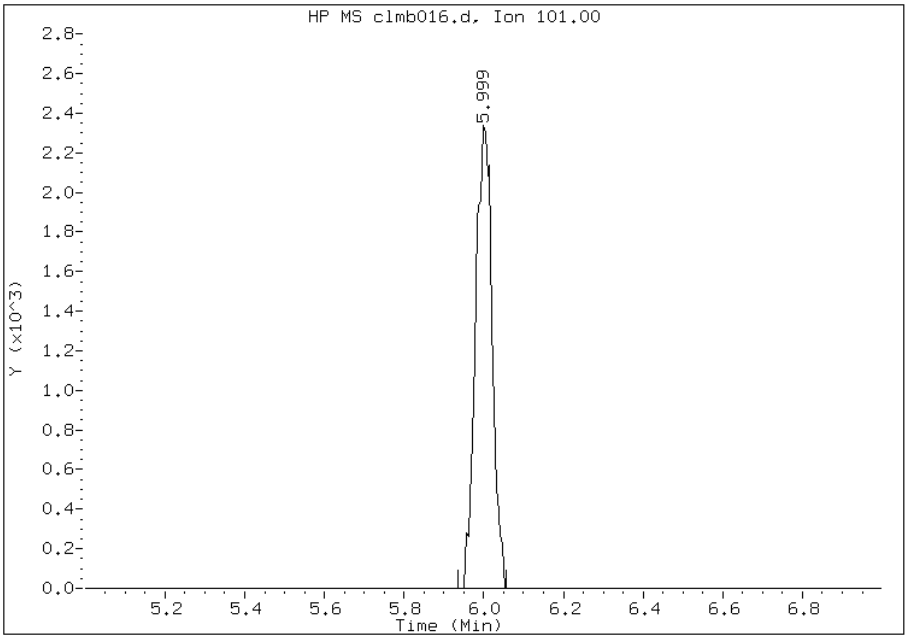
Manual Integration Results

RT: 6.00

Response: 6803

Amount: 0.103088

Conc: 0.257719



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.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0302HA Lab Sample ID: 280-39902-3

Matrix: Air Lab File ID: clmb006.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 13:16

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.020
75-45-6	Freon 22	86.47	0.28	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.098	J	0.50	0.034
106-97-8	n-Butane	58.12	0.080	U	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.021
76-13-1	Freon TF	187.38	0.078	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	7.1		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	14		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.080	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.83		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.2		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	3.8	J	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	1.0		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.23		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0302HA Lab Sample ID: 280-39902-3

Matrix: Air Lab File ID: clmb006.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 13:16

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.33		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.054	J	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0302HA Lab Sample ID: 280-39902-3

Matrix: Air Lab File ID: clmb006.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 13:16

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0302HA Lab Sample ID: 280-39902-3

Matrix: Air Lab File ID: clmb006.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 13:16

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.099
75-45-6	Freon 22	86.47	0.98	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.20	J	1.0	0.070
106-97-8	n-Butane	58.12	0.19	U	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	0.60	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	17		12	0.95
67-63-0	Isopropyl alcohol	60.10	34		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.28	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.9		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	3.5		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	11	J	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	3.6		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.74		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0302HA Lab Sample ID: 280-39902-3

Matrix: Air Lab File ID: clmb006.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 13:16

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	1.8		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.20	J	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0302HA Lab Sample ID: 280-39902-3

Matrix: Air Lab File ID: clmb006.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 13:16

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-3
Client Smp ID: 786VMP0302HA
Inj Date : 01-APR-2013 13:16
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-3
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	39215	0.53032	0.53
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	9099	0.27571	0.28(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.136	4.136	(0.374)	1363	0.09824	0.098(a)
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	16295	0.24613	0.25(Q)
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.120	7.125	(0.643)	2985	0.07780	0.078(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.338	7.333	(0.663)	122120	7.10172	7.1(Q)
21 Carbon disulfide	76	Compound Not Detected.					

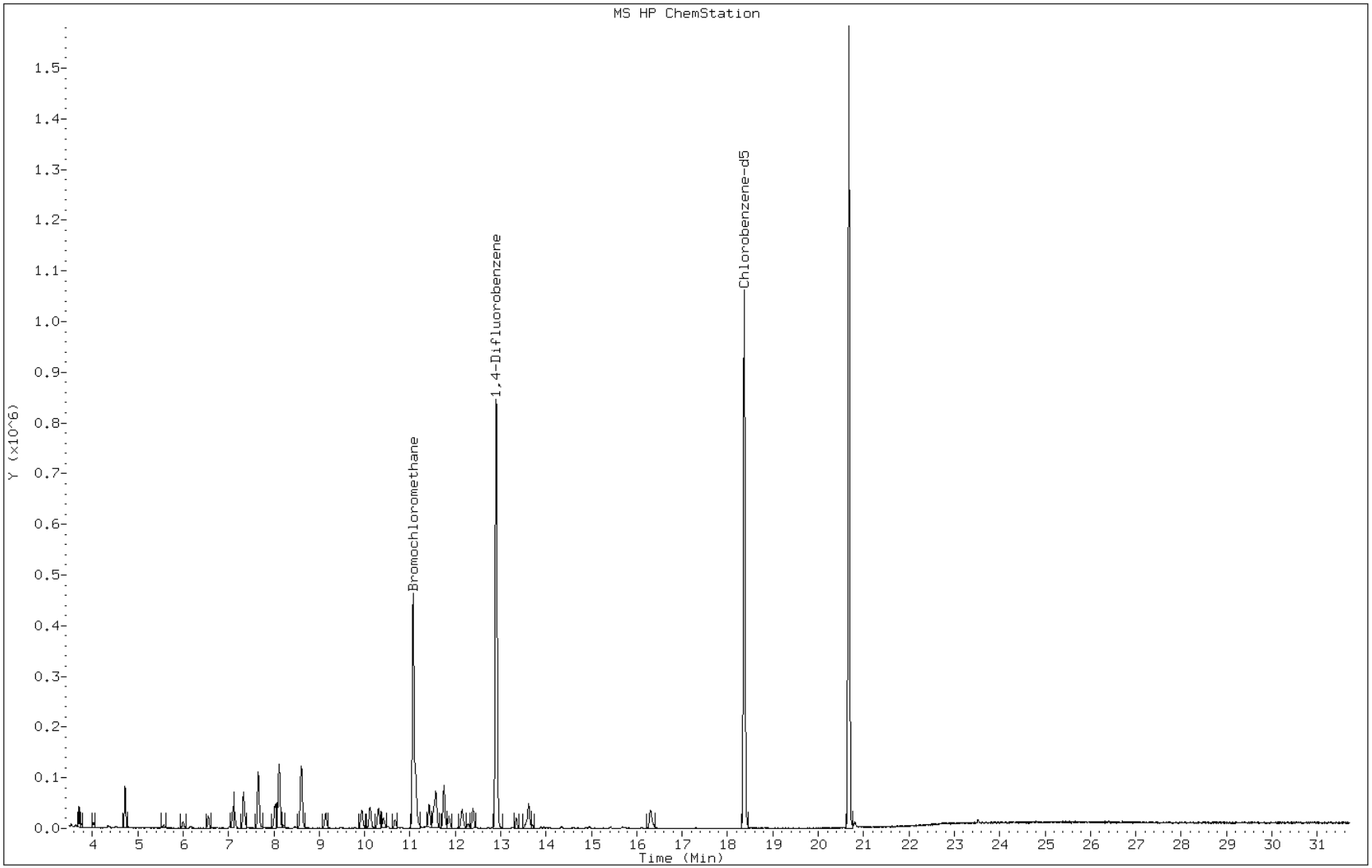
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	22 Isopropanol	45	7.653	7.658	(0.691)	189150	13.9070	14
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.148	9.142	(0.826)	20331	0.83473	0.83
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.669	10.668	(0.964)	8555	1.18994	1.2(Q)
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	188384	10.0000	
	38 Tetrahydrofuran	42	11.133	11.127	(0.863)	39033	3.82437	3.8(a)
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.533	11.522	(0.894)	26554	1.03772	1.0(Q)
	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	12.152	12.152	(0.942)	13052	0.23243	0.23
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1009275	10.0000	
	49 Trichloroethene	95	13.342	13.342	(1.034)	9961	0.33238	0.33
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.685	15.685	(0.854)	2324	0.05352	0.054(a)
	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	18.370	18.375	(1.000)	963288	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb006.d	Date:	01-APR-2013 13:16
Client ID:	786VMP0302HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-3		
Lab Sample ID:	280-39902-3		



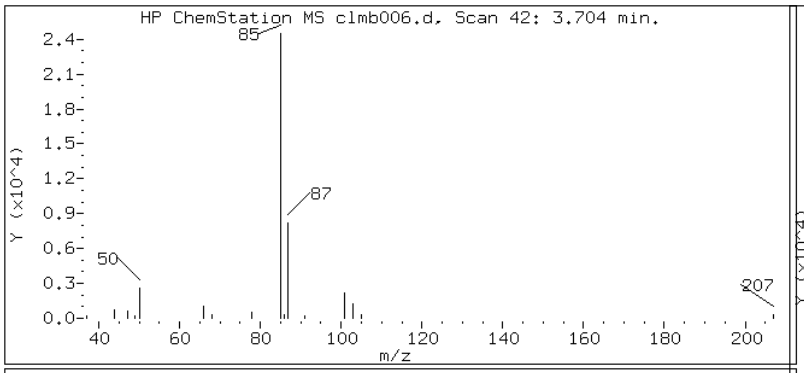
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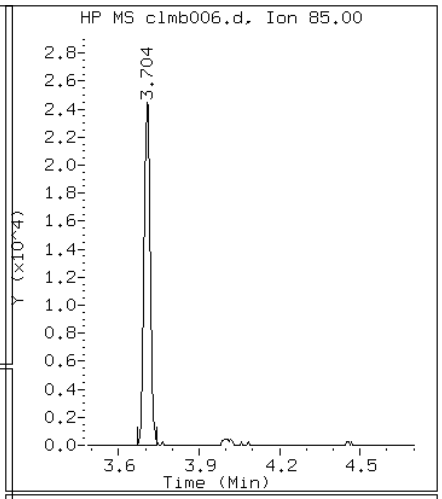
Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

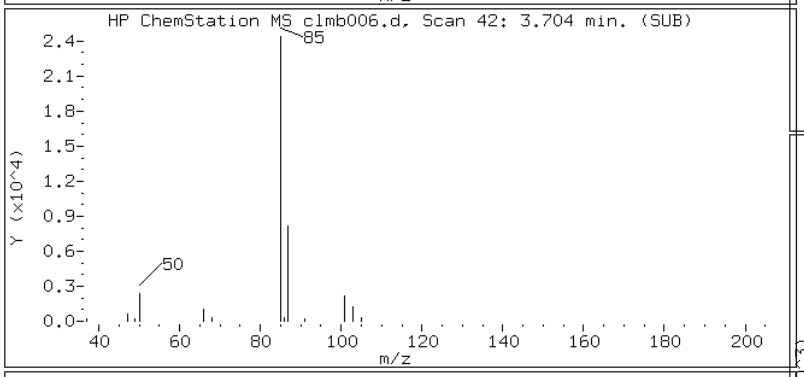
Client ID: 786VMP0302HA Instrument: C.i

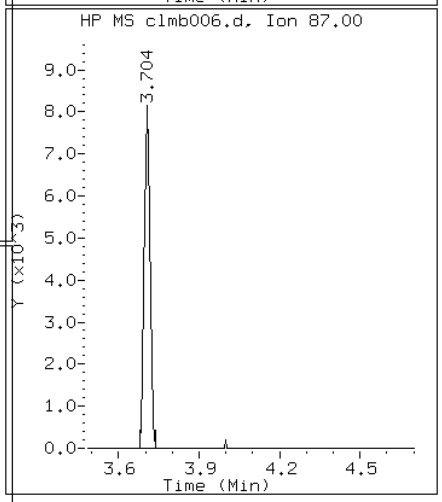
Sample Info: 280-39902-A-3 Operator: wrd

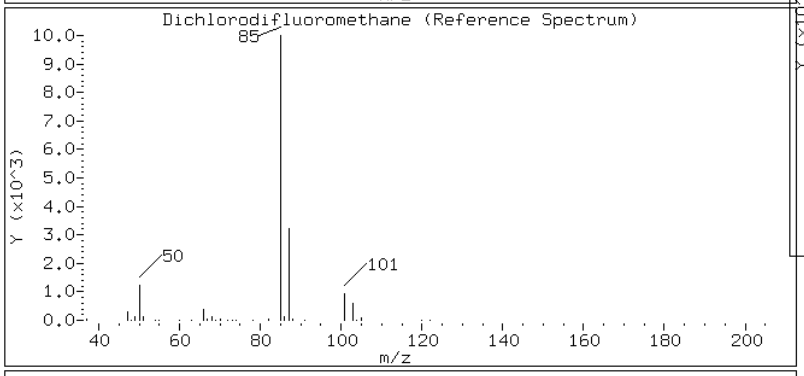
2 Dichlorodifluoromethane

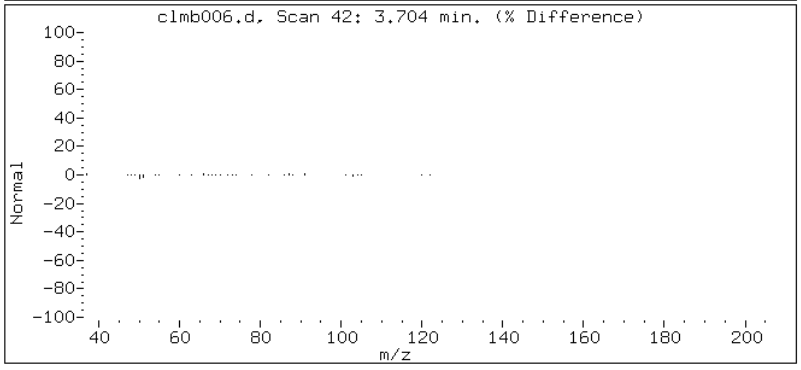












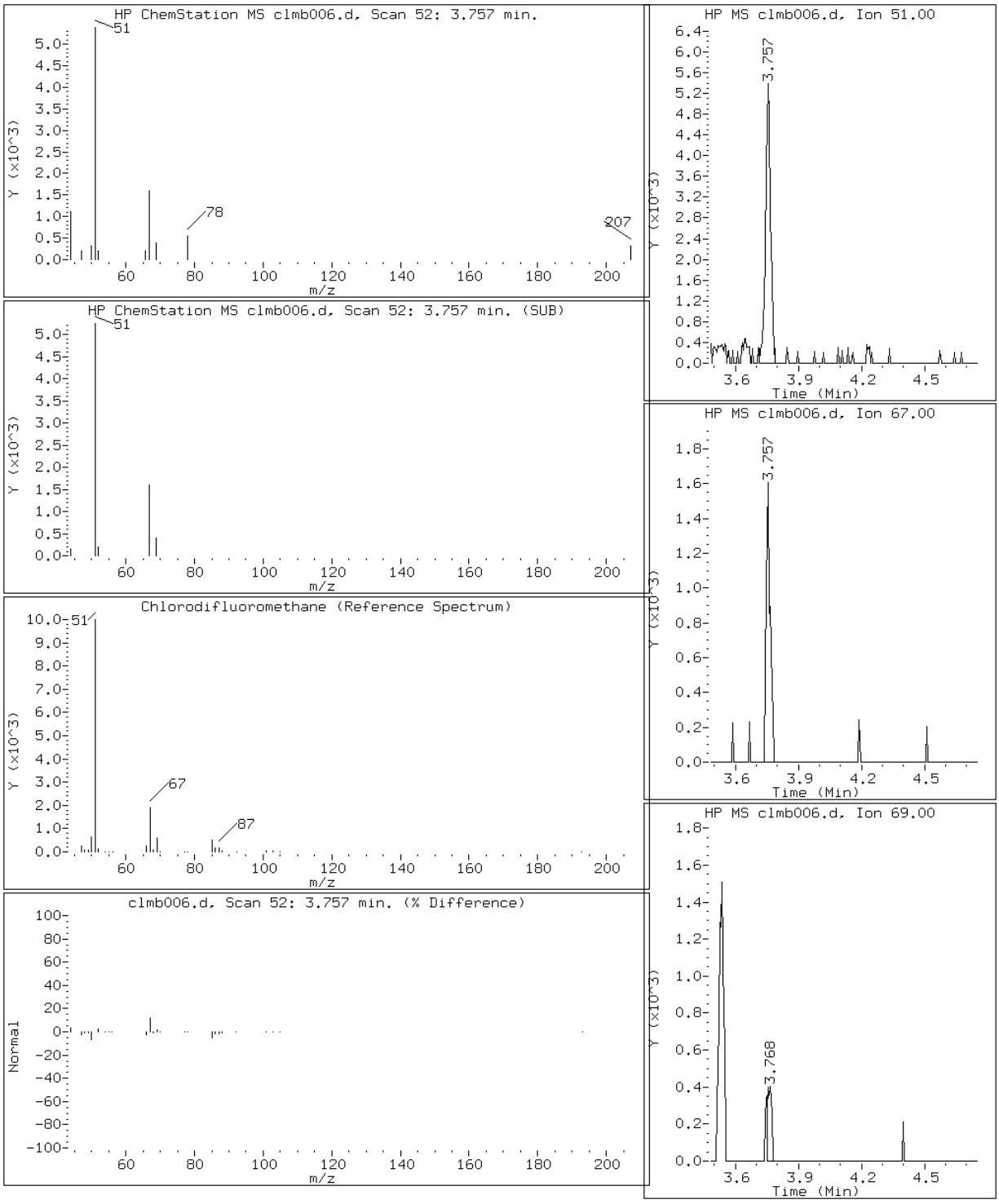
Data File: clmb006.d

Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

3 Chlorodifluoromethane



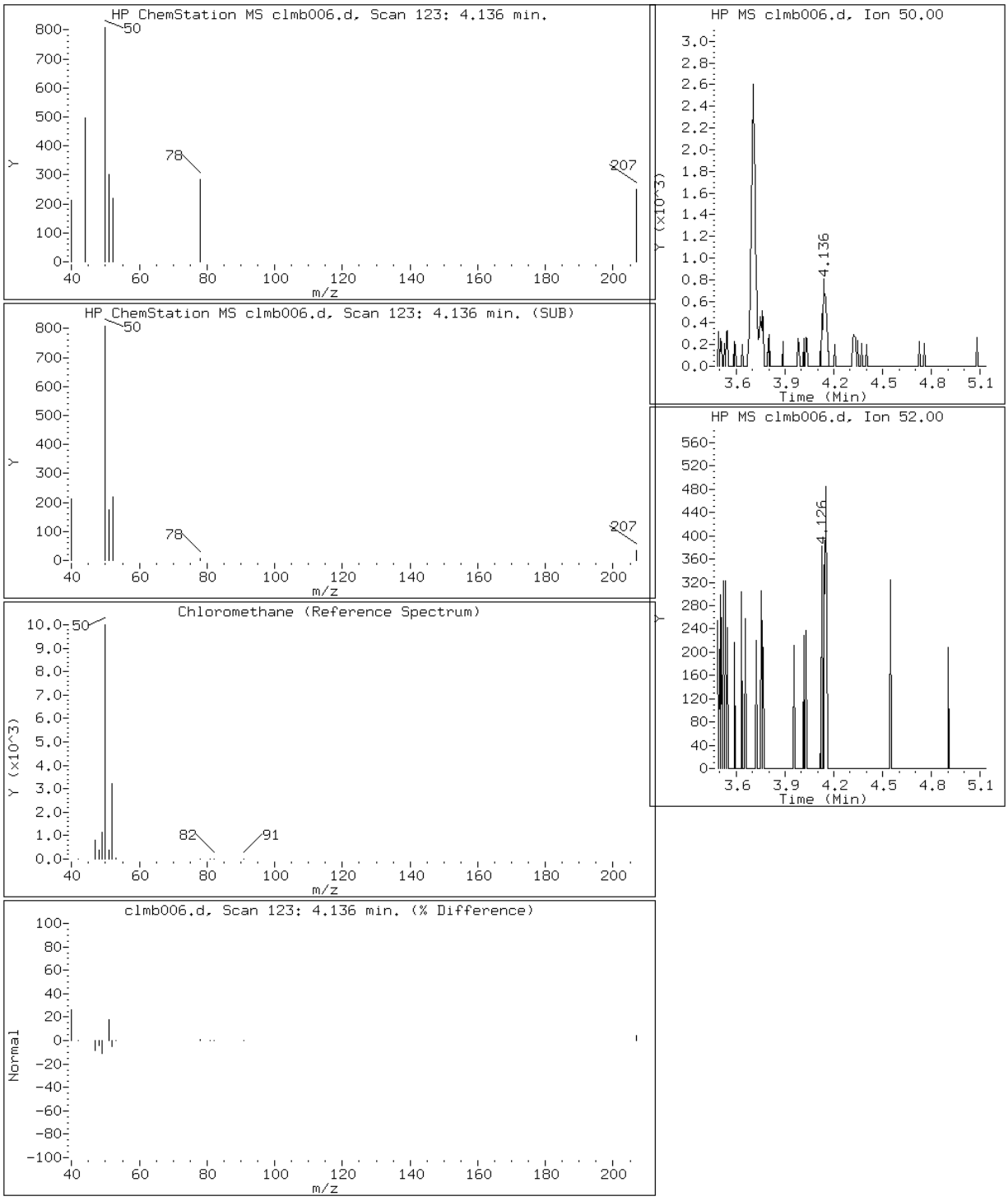
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Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

5 Chloromethane



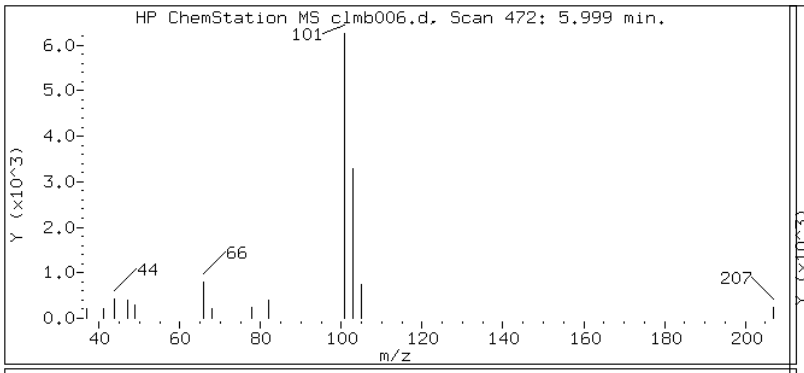
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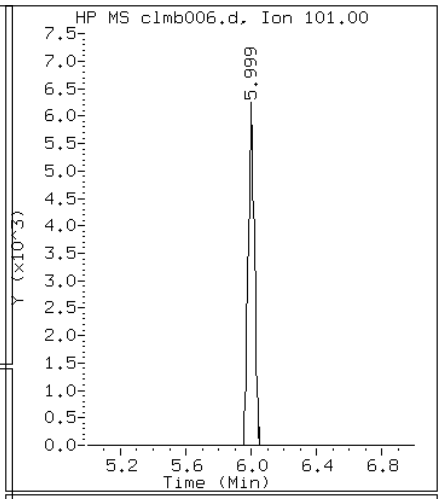
Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

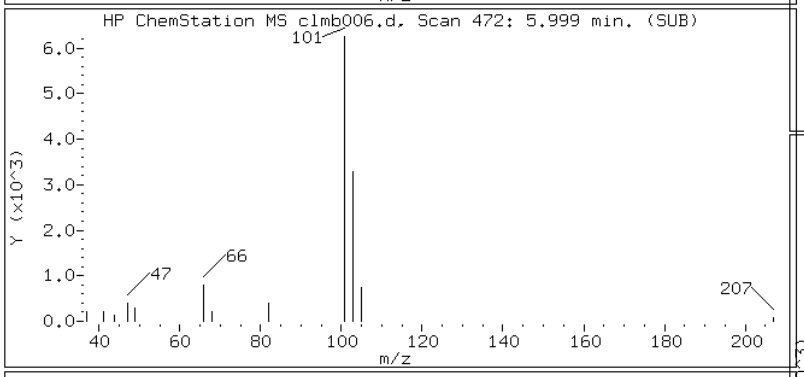
Client ID: 786VMP0302HA Instrument: C.i

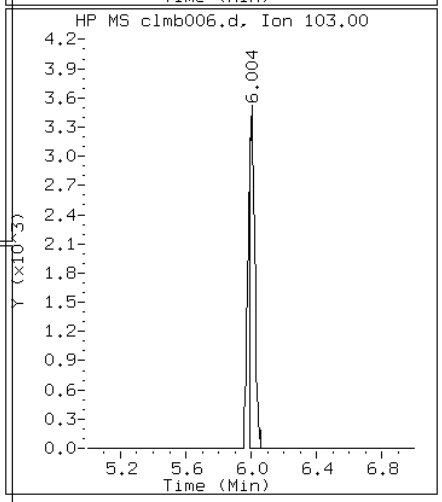
Sample Info: 280-39902-A-3 Operator: wrd

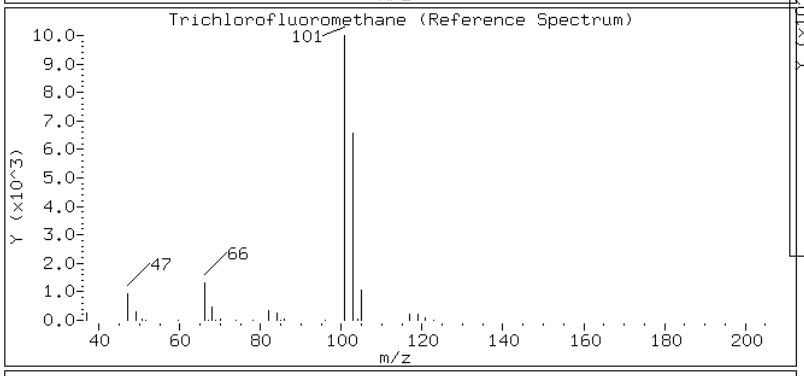
13 Trichlorofluoromethane

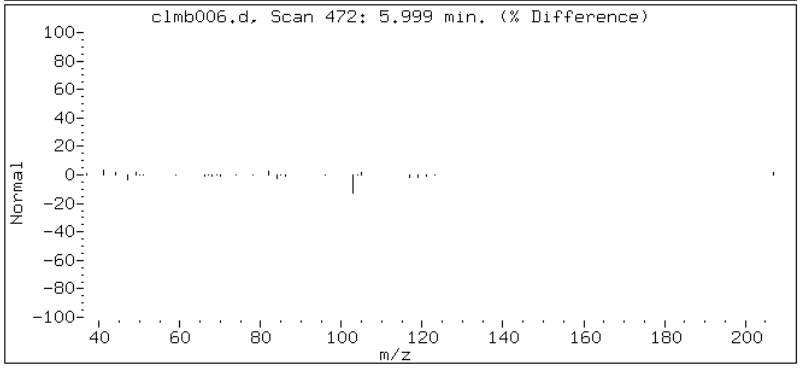












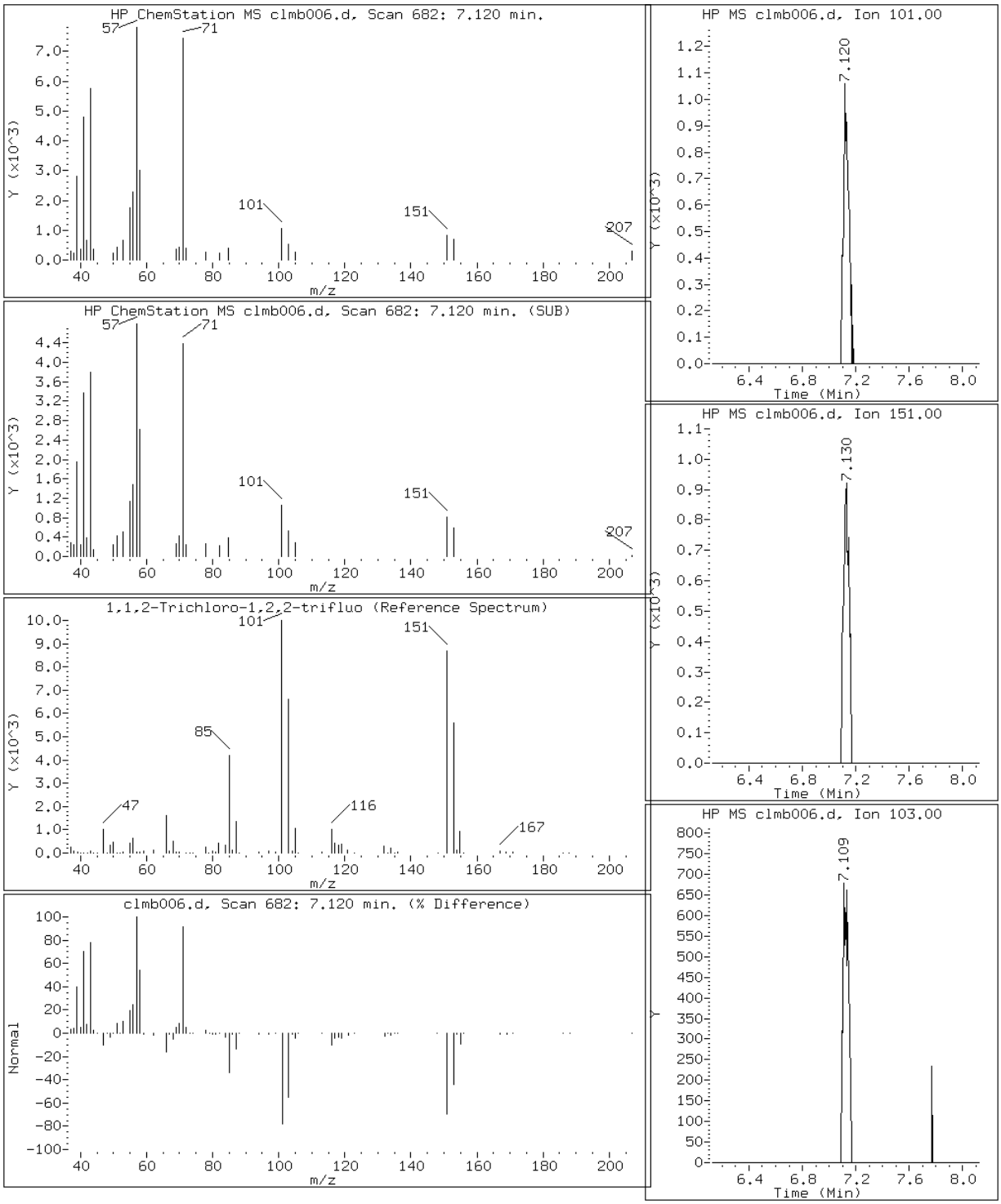
Data File: clmb006.d

Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



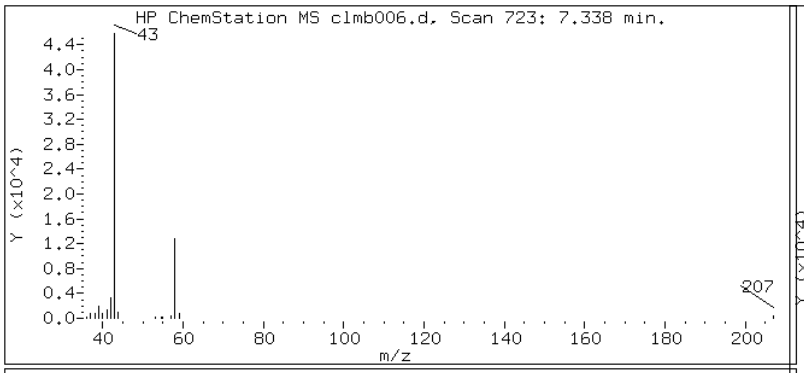
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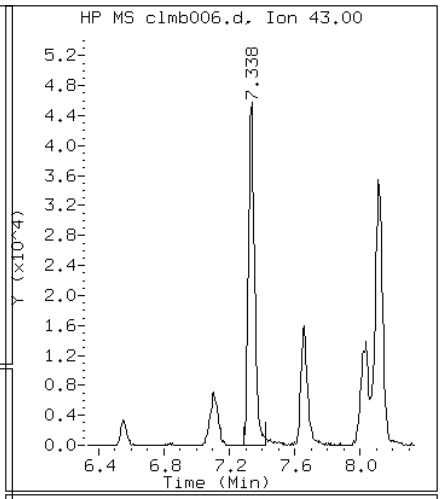
Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

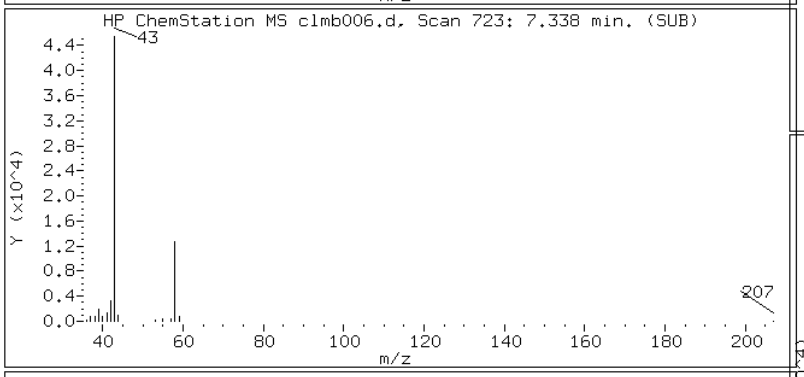
Client ID: 786VMP0302HA Instrument: C.i

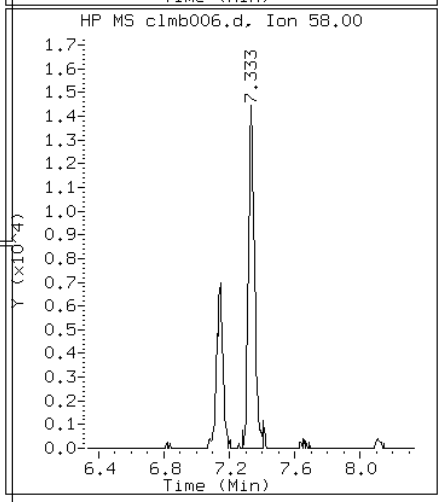
Sample Info: 280-39902-A-3 Operator: wrd

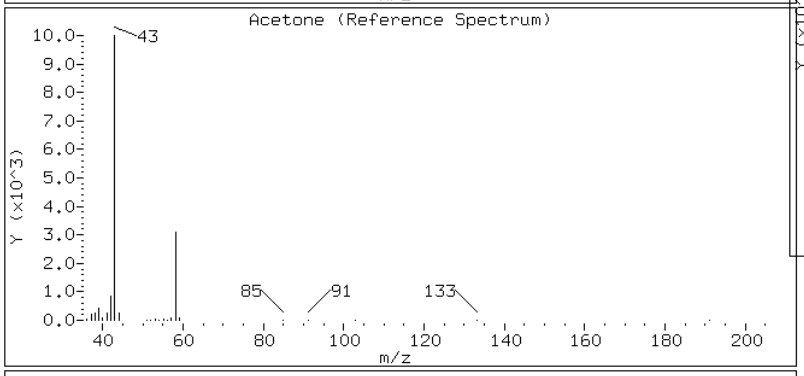
20 Acetone

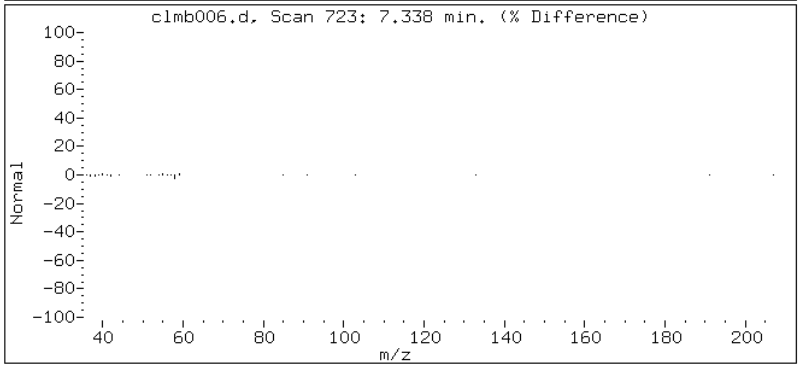












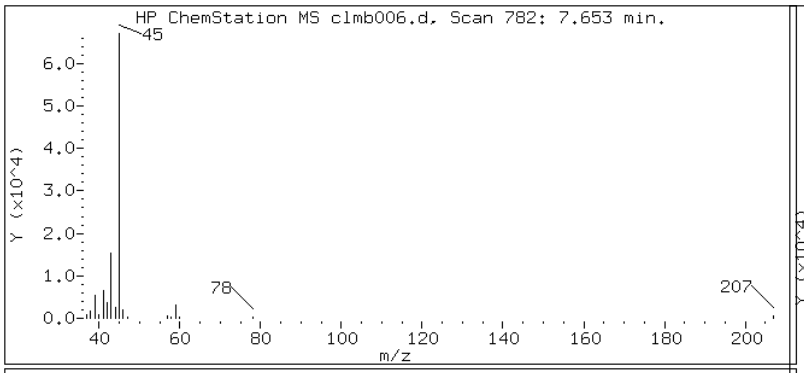
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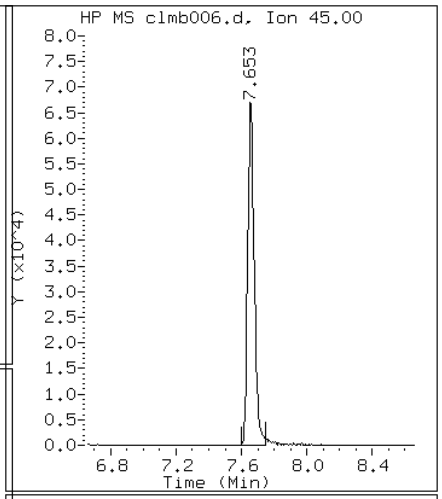
Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

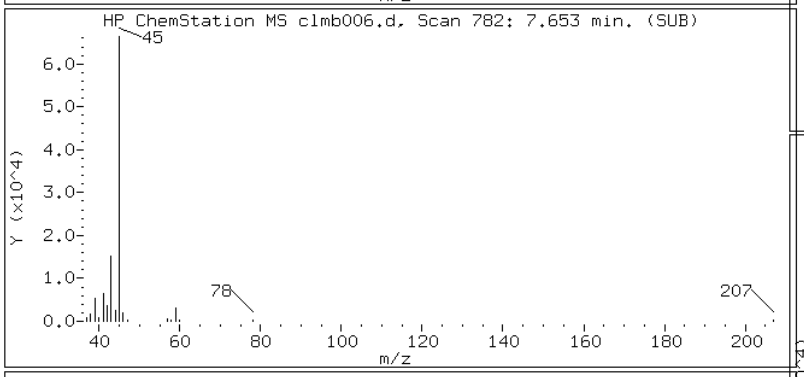
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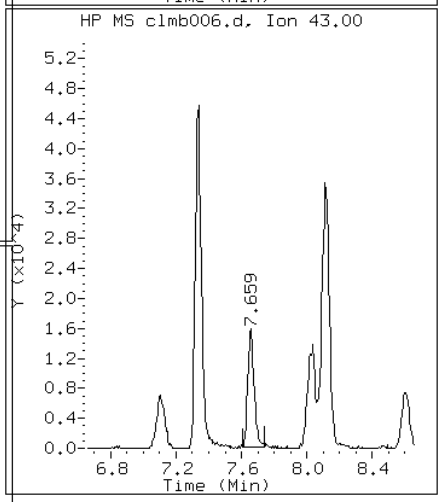
Sample Info: 280-39902-A-3 Operator: wrd

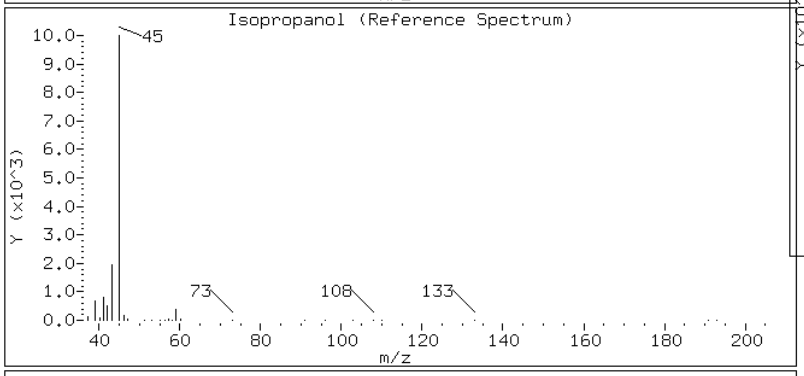
22 Isopropanol

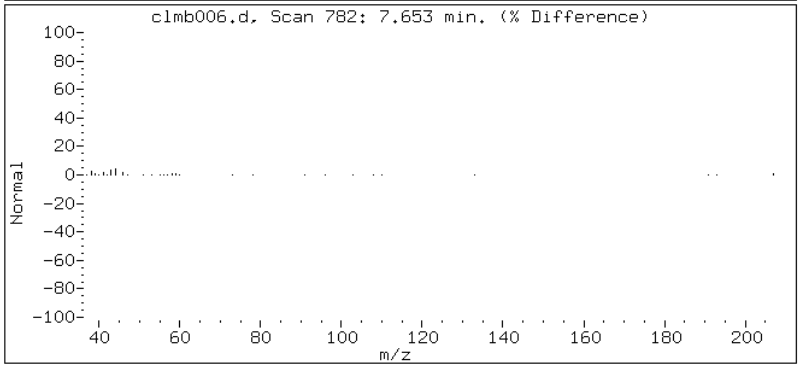












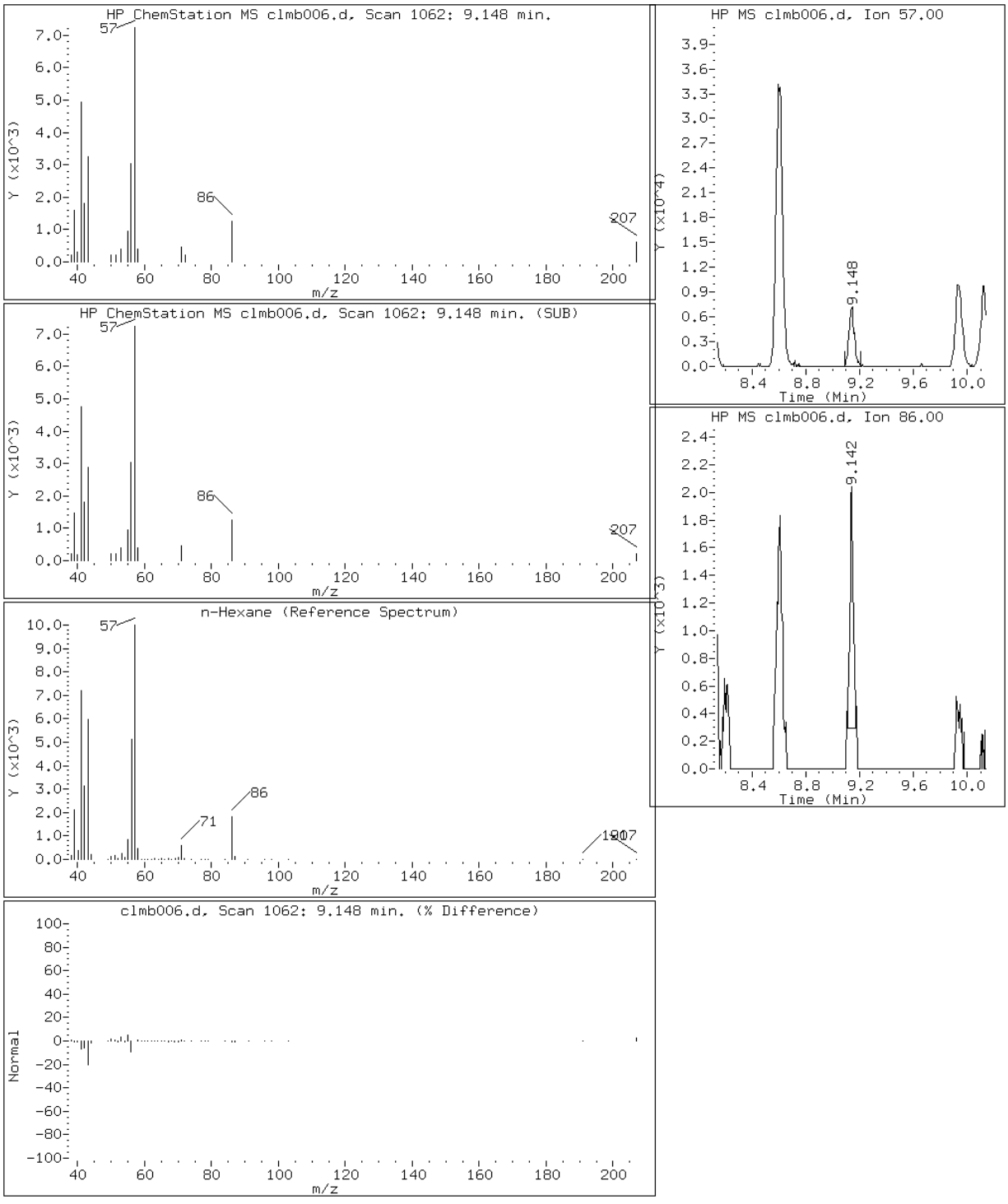
Data File: clmb006.d

Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

30 n-Hexane



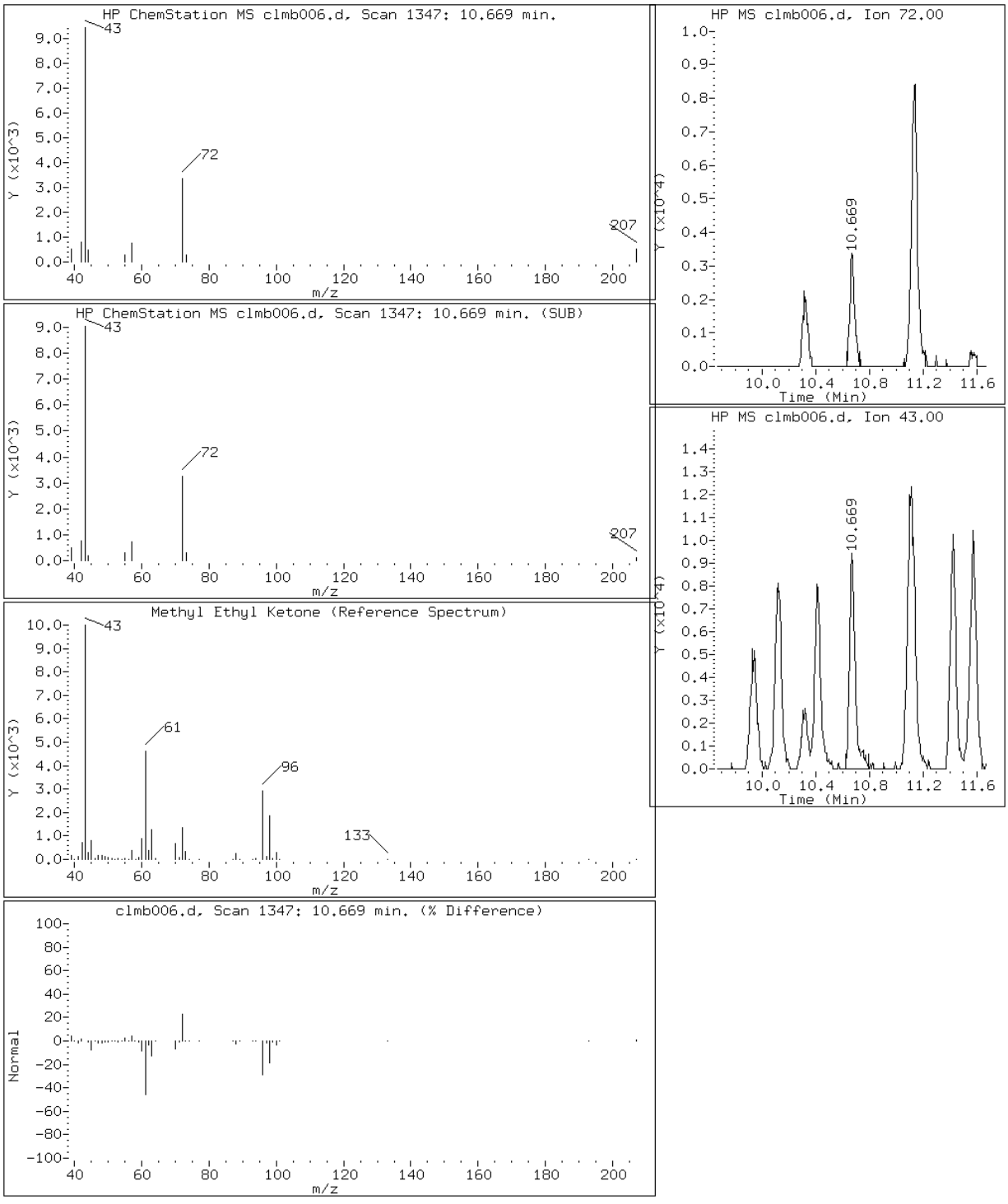
Data File: clmb006.d

Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

36 Methyl Ethyl Ketone



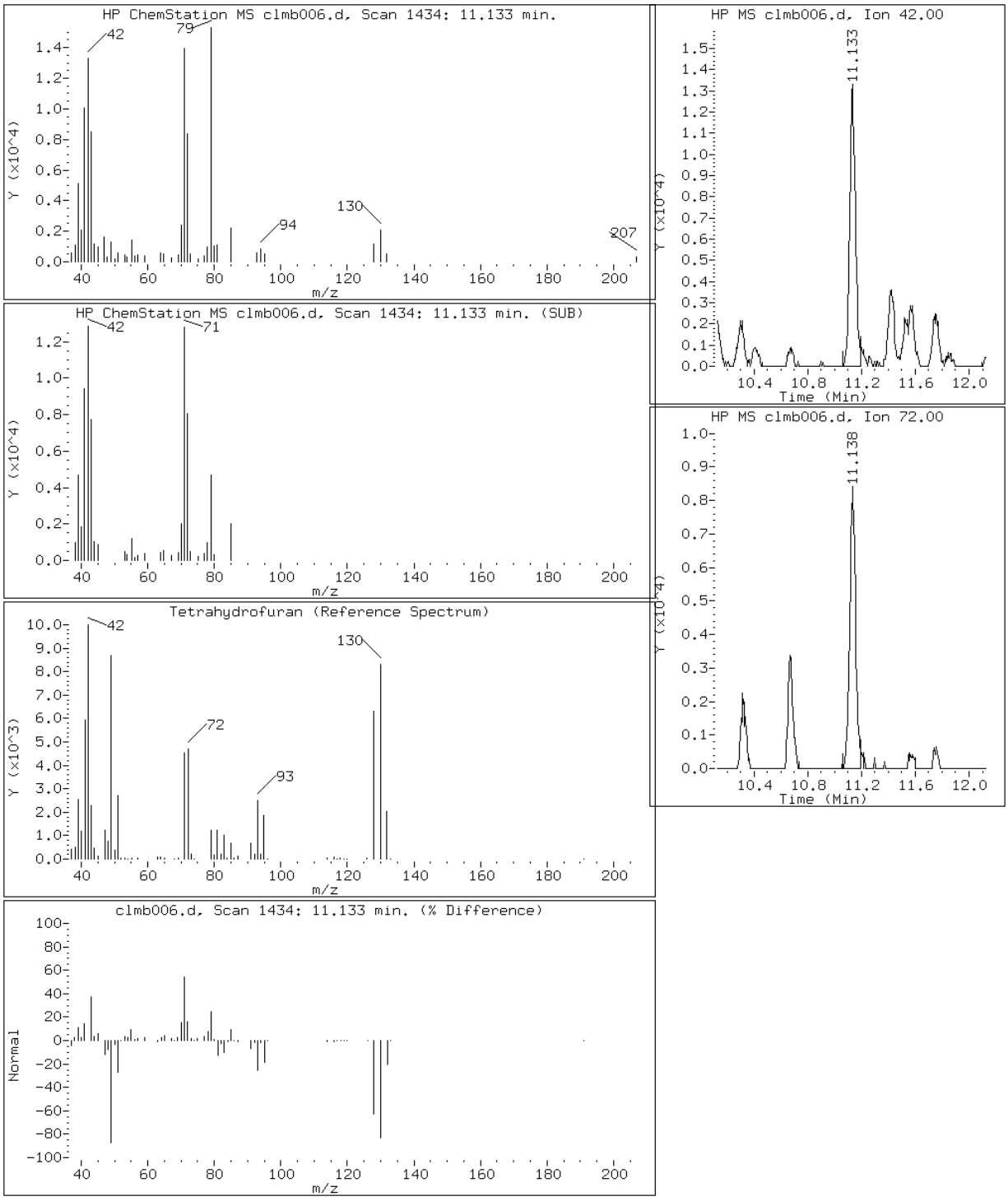
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Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

38 Tetrahydrofuran



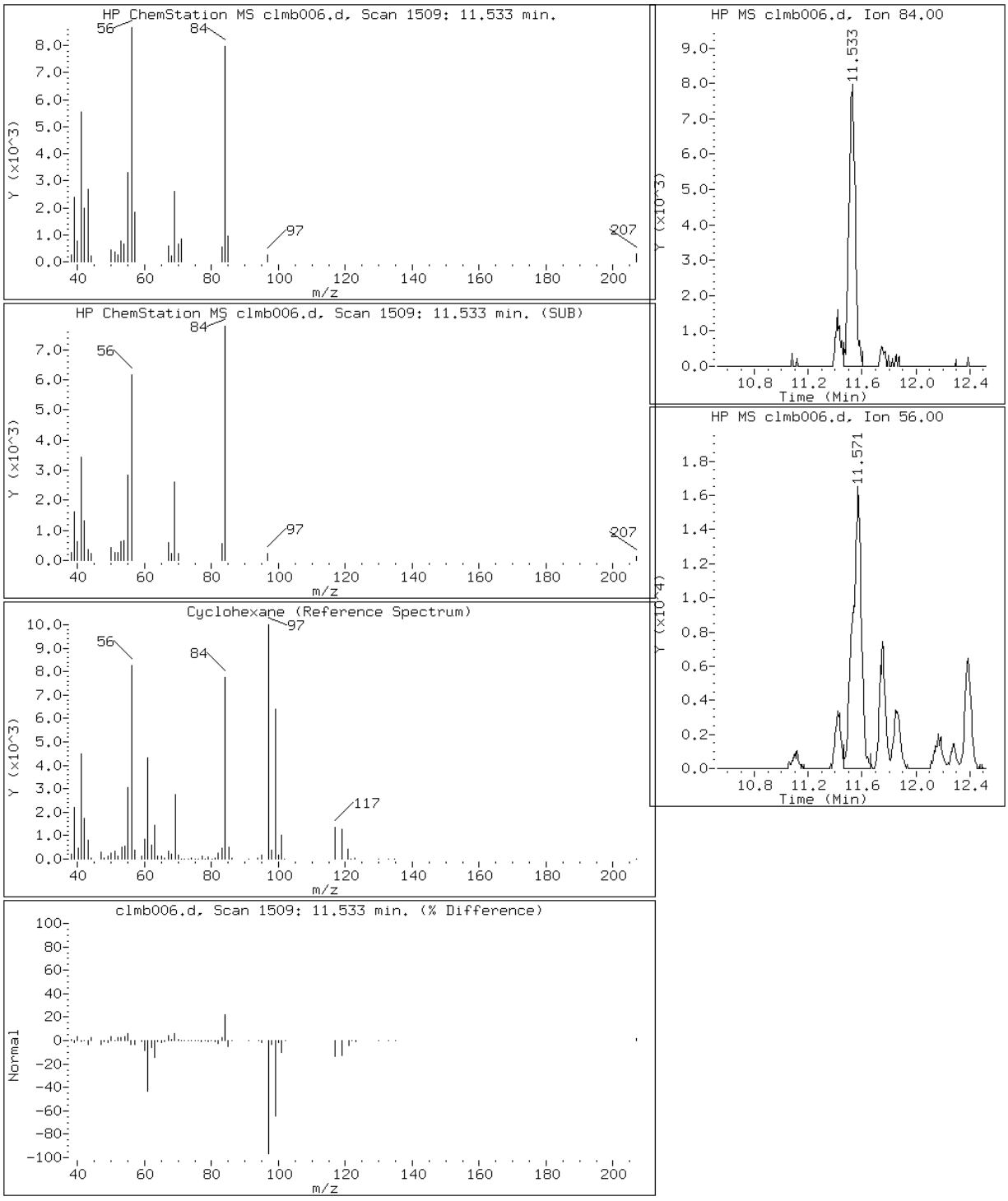
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Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

40 Cyclohexane



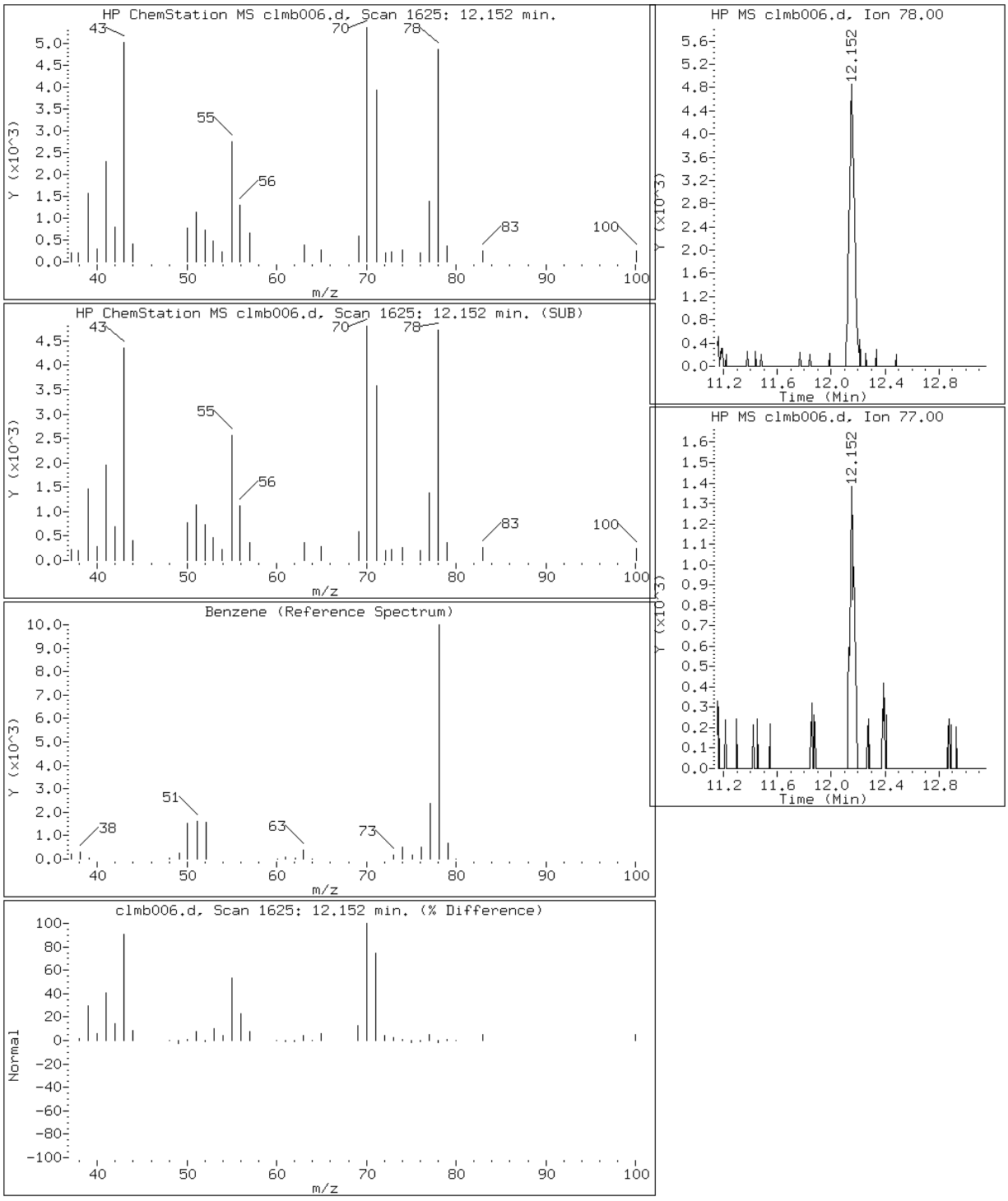
Data File: clmb006.d

Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

44 Benzene



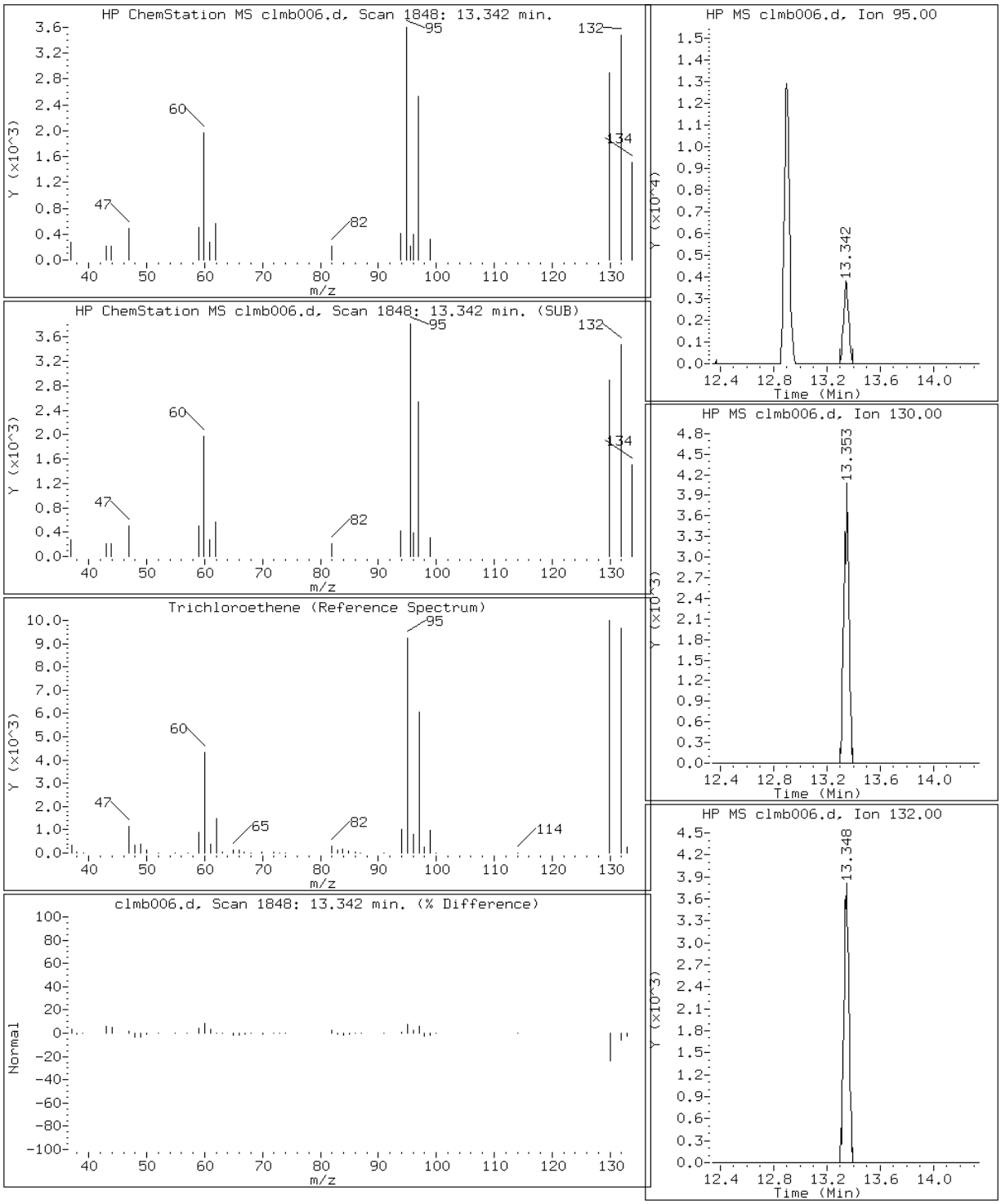
Data File: clmb006.d

Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

49 Trichloroethene



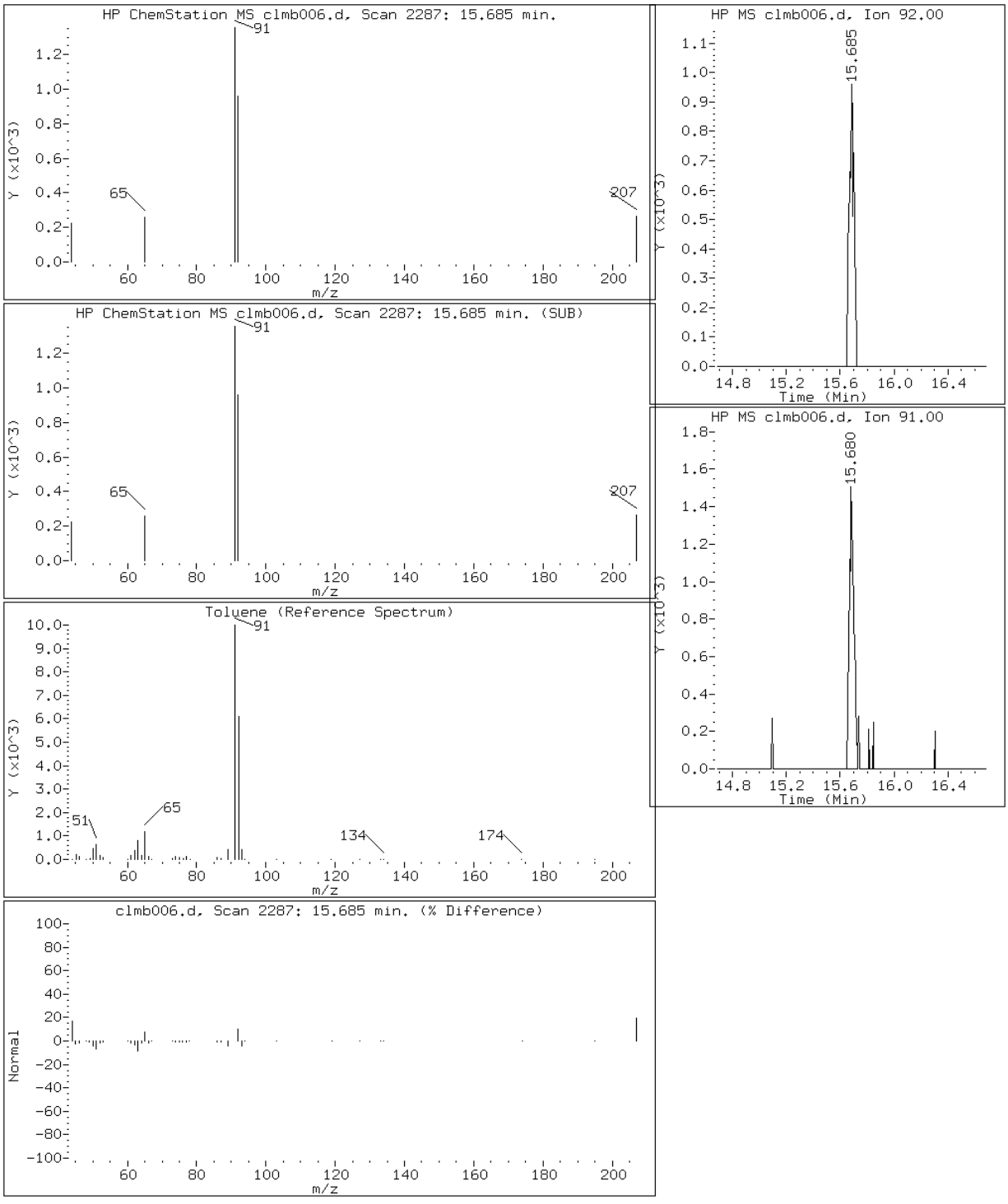
Data File: clmb006.d

Lab Sample ID: 280-39902-3 Date: 01-APR-2013 13:16

Client ID: 786VMP0302HA Instrument: C.i

Sample Info: 280-39902-A-3 Operator: wrd

58 Toluene



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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785IA09 Lab Sample ID: 280-39902-4

Matrix: Air Lab File ID: clmb007.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:25

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 14:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.020
75-45-6	Freon 22	86.47	0.28	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.60		0.50	0.034
106-97-8	n-Butane	58.12	0.56		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.15	J	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.021
76-13-1	Freon TF	187.38	0.085	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	3.9	J	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.20	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.080	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.38	J	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.21	M	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785IA09 Lab Sample ID: 280-39902-4

Matrix: Air Lab File ID: clmb007.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:25

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 14:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.040	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785IA09 Lab Sample ID: 280-39902-4

Matrix: Air Lab File ID: clmb007.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:25

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 14:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785IA09 Lab Sample ID: 280-39902-4

Matrix: Air Lab File ID: clmb007.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:25

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 14:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.099
75-45-6	Freon 22	86.47	1.0	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.2		1.0	0.070
106-97-8	n-Butane	58.12	1.3		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.32	J	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	0.65	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	9.3	J	12	0.95
67-63-0	Isopropyl alcohol	60.10	0.49	U	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.28	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	1.1	J	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.74	M	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785IA09 Lab Sample ID: 280-39902-4

Matrix: Air Lab File ID: clmb007.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:25

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 14:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.15	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785IA09 Lab Sample ID: 280-39902-4

Matrix: Air Lab File ID: clmb007.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:25

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 14:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-4
Client Smp ID: 785IA09
Inj Date : 01-APR-2013 14:09
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-4
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	36182	0.52608	0.53
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	8694	0.28324	0.28(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.136	4.136	(0.374)	7752	0.60070	0.60
6 Butane	43	4.387	4.376	(0.396)	11225	0.55538	0.56
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	4.504	4.499	(0.407)	1587	0.14564	0.15(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	15351	0.24929	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.130	7.125	(0.644)	3037	0.08510	0.085(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.344	7.333	(0.663)	62842	3.92913	3.9(aQ)
21 Carbon disulfide	76	Compound Not Detected.					

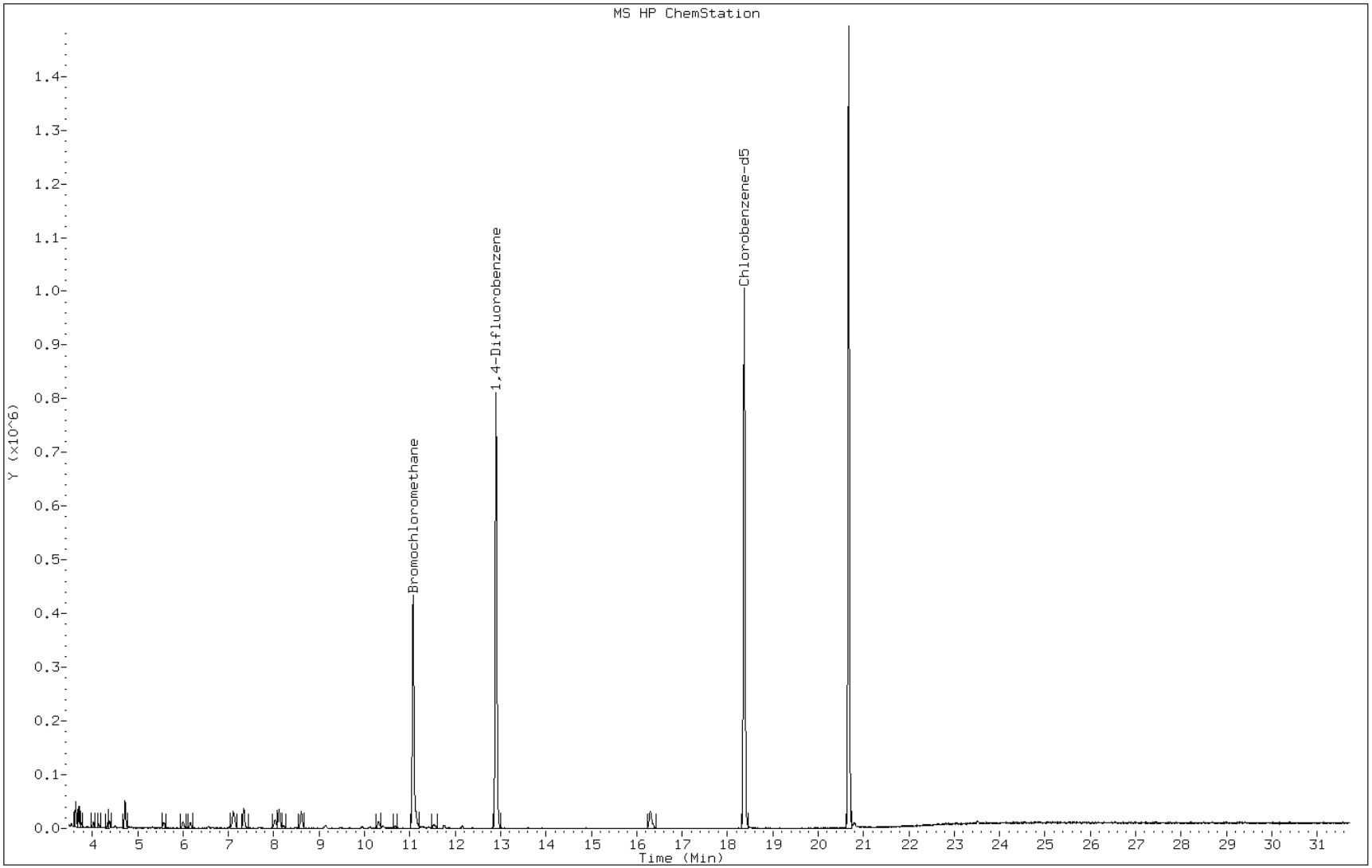
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.679	10.668	(0.965)	2549	0.38119	0.38(aQ)
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	175216	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.522	11.522	(0.893)	5058	0.21407	0.21(M)
	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	12.899	12.905	(1.000)	931949	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	18.370	18.375	(1.000)	891060	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb007.d	Date:	01-APR-2013 14:09
Client ID:	785IA09	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-4		
Lab Sample ID:	280-39902-4		



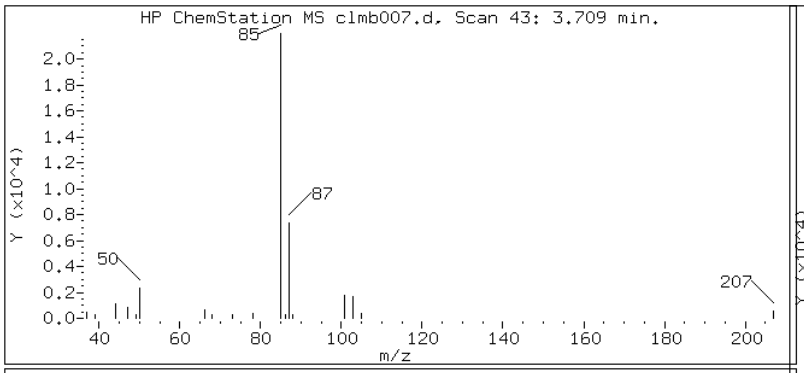
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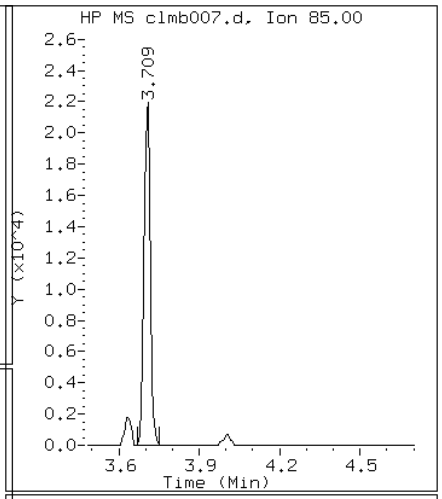
Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

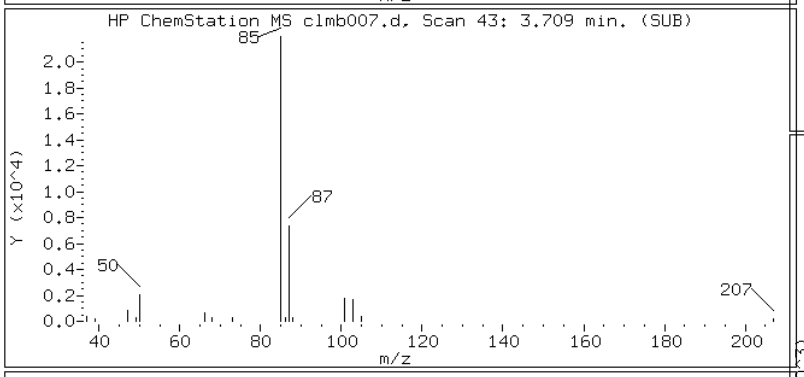
Client ID: 785IA09 Instrument: C.i

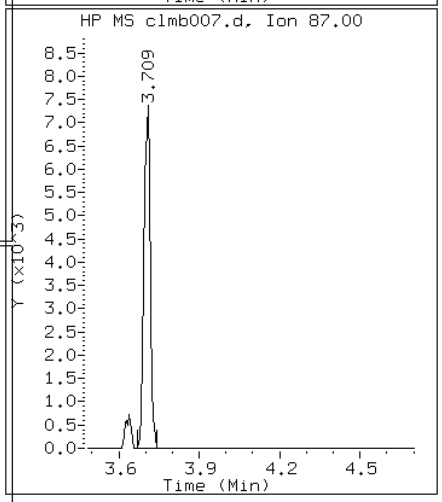
Sample Info: 280-39902-A-4 Operator: wrd

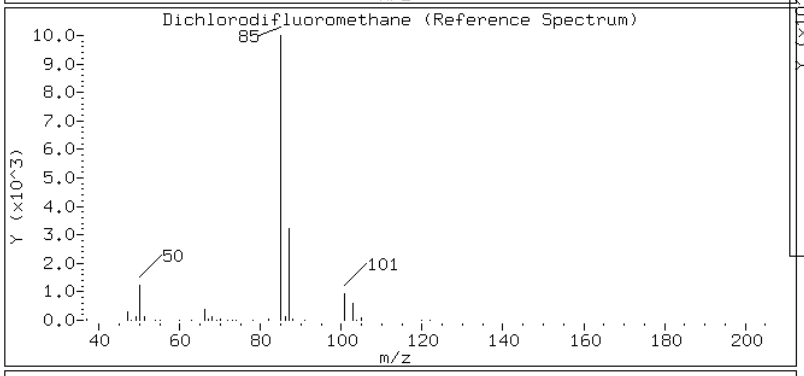
2 Dichlorodifluoromethane

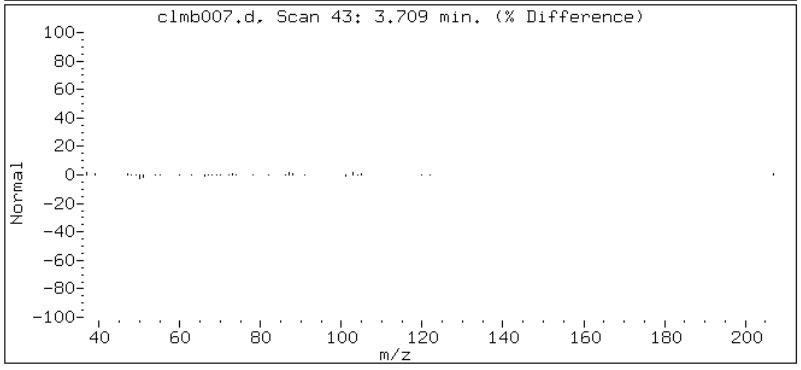












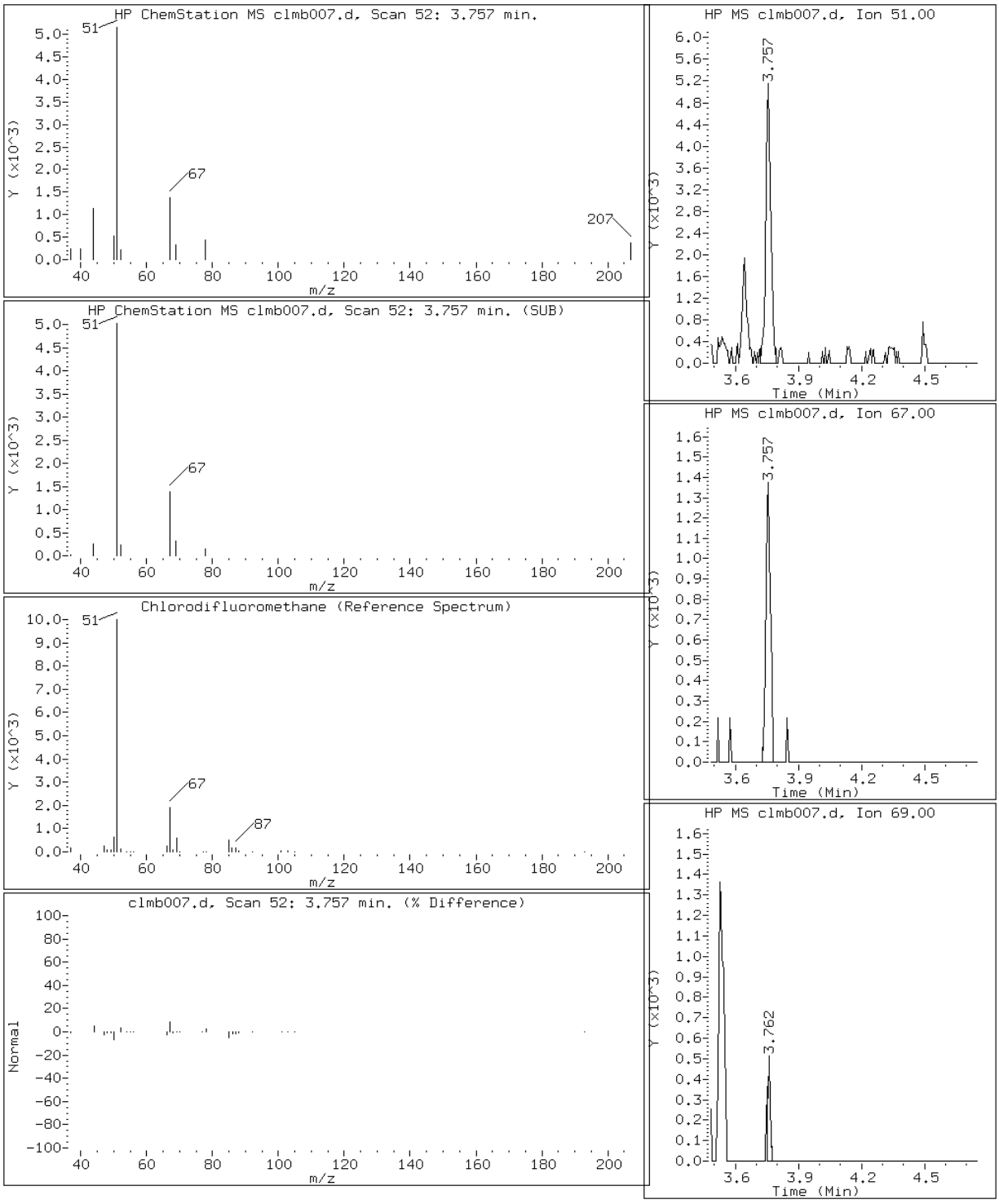
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Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

Client ID: 785IA09 Instrument: C.i

Sample Info: 280-39902-A-4 Operator: wrd

3 Chlorodifluoromethane



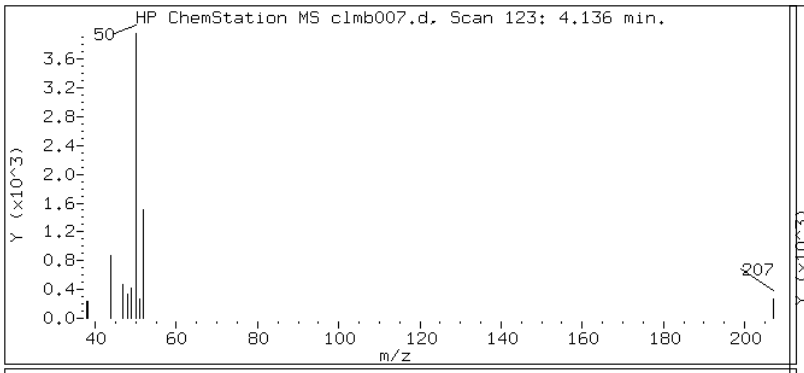
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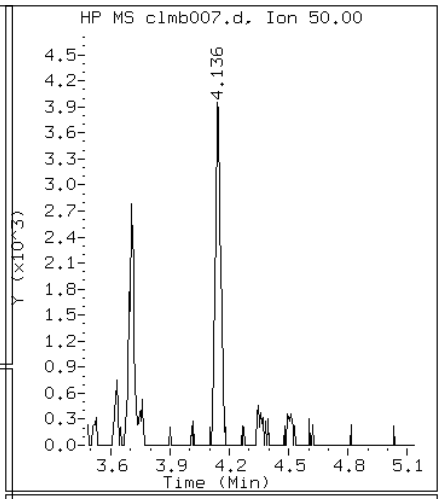
Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

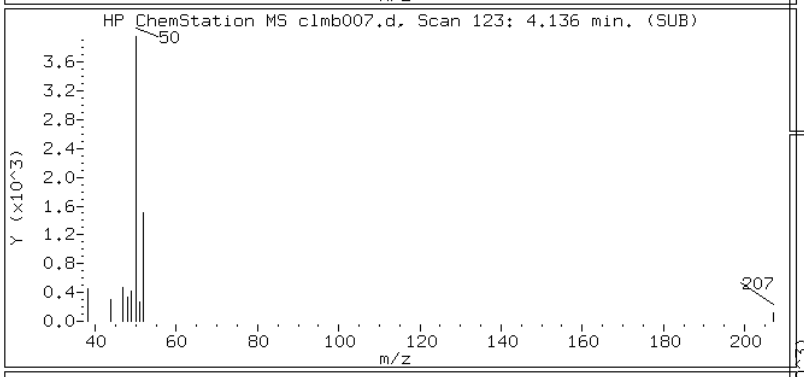
Client ID: 785IA09 Instrument: C.i

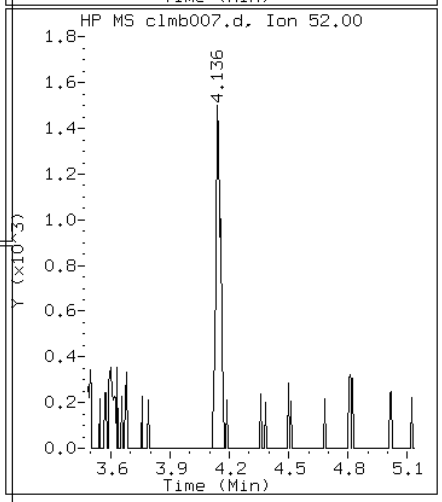
Sample Info: 280-39902-A-4 Operator: wrd

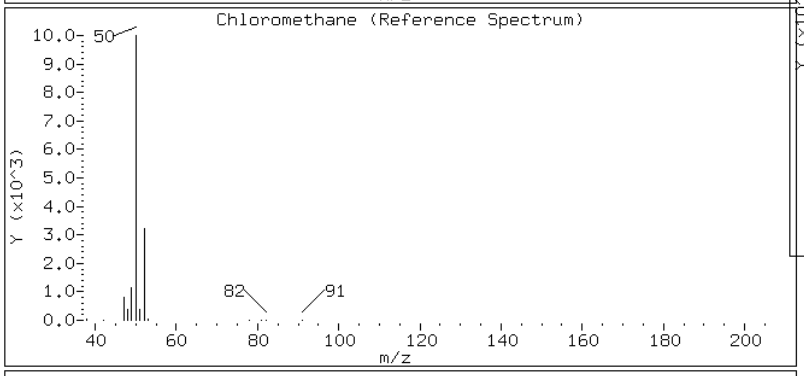
5 Chloromethane

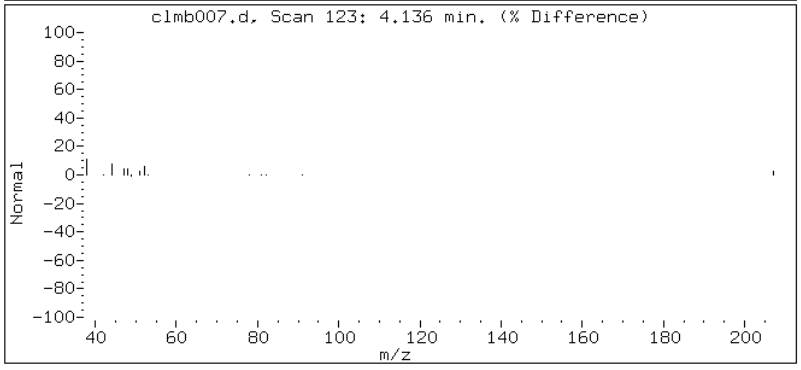












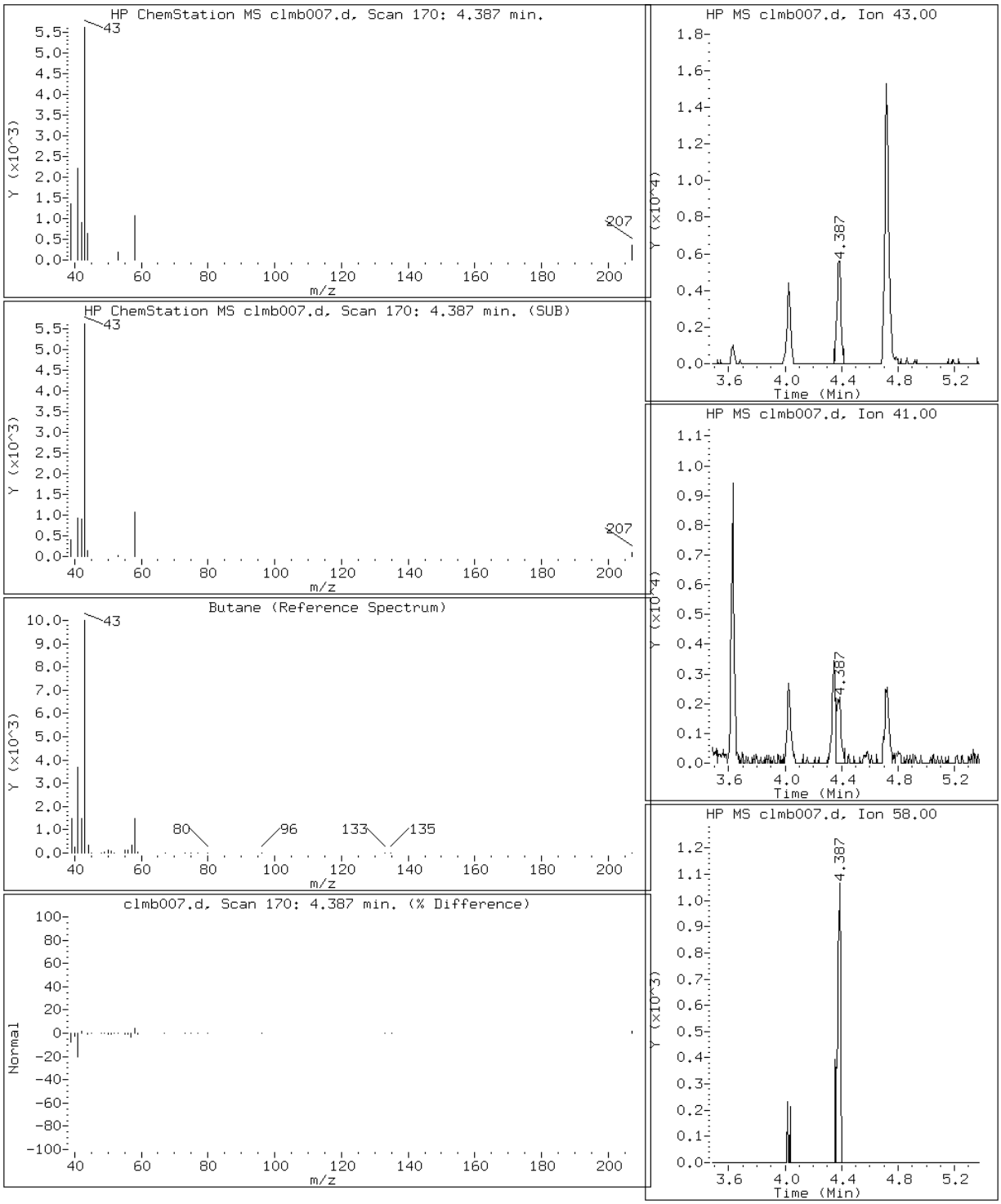
Data File: clmb007.d

Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

Client ID: 785IA09 Instrument: C.i

Sample Info: 280-39902-A-4 Operator: wrd

6 Butane



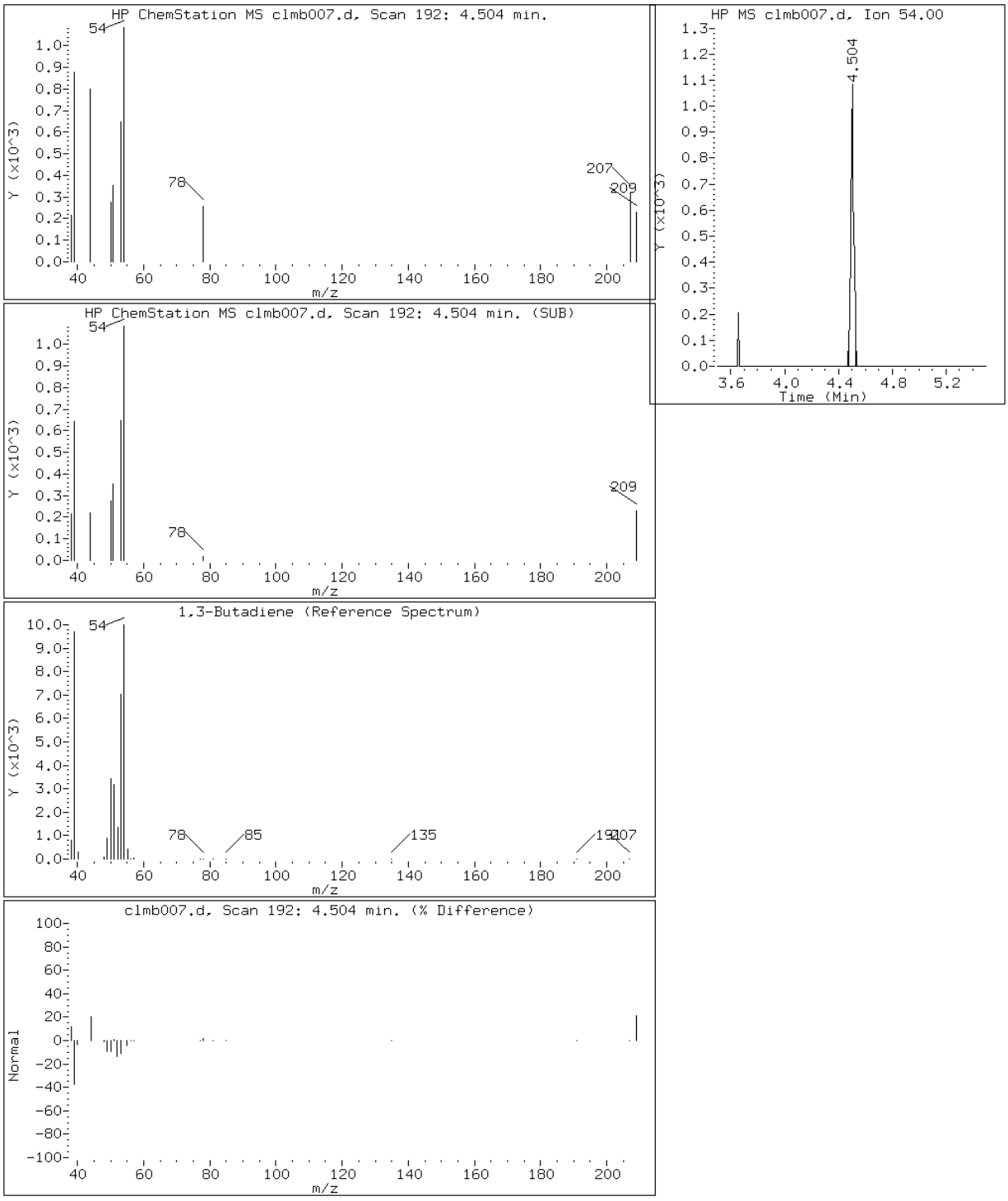
Data File: clmb007.d

Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

Client ID: 785IA09 Instrument: C.i

Sample Info: 280-39902-A-4 Operator: wrd

8 1,3-Butadiene



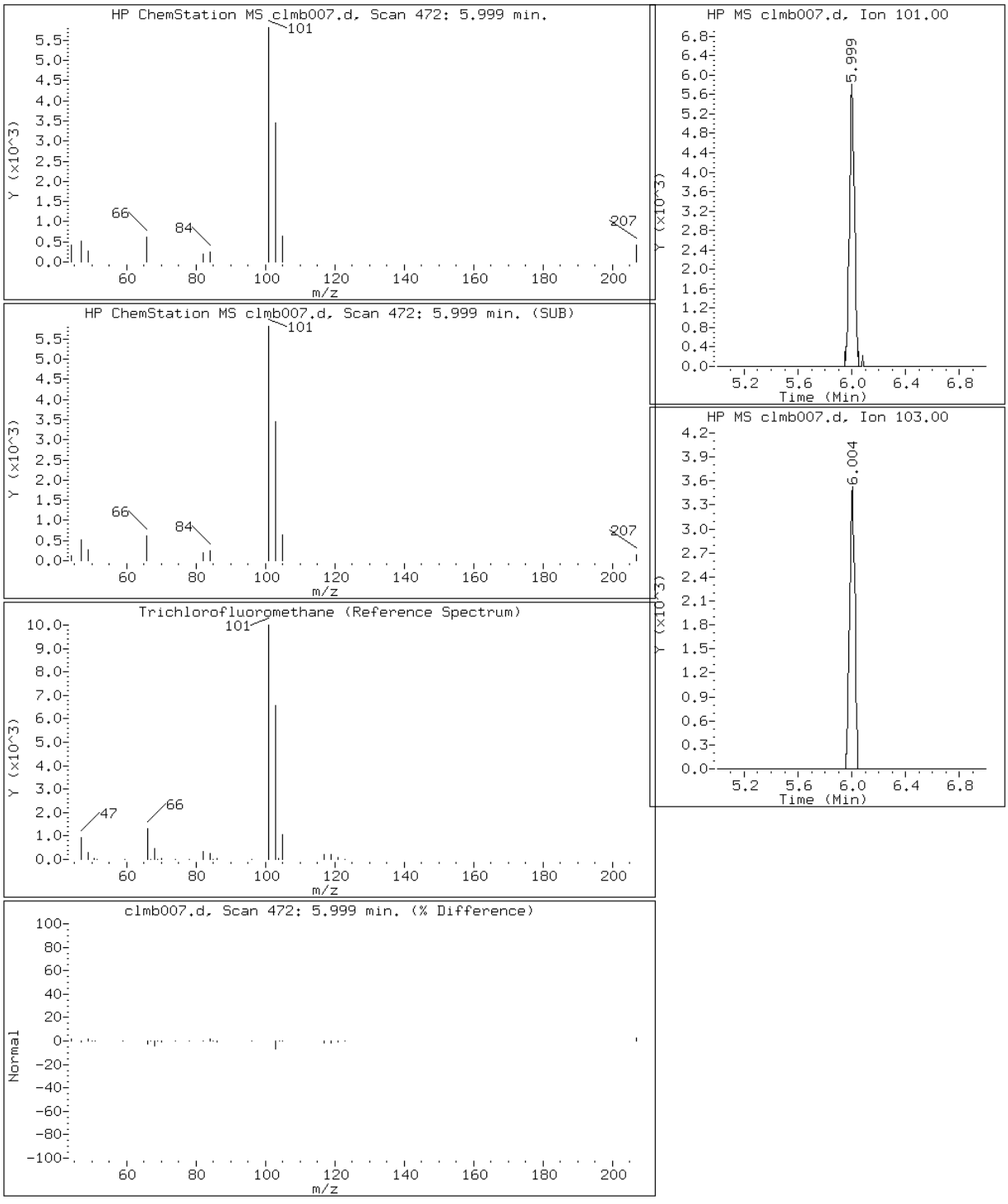
Data File: clmb007.d

Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

Client ID: 785IA09 Instrument: C.i

Sample Info: 280-39902-A-4 Operator: wrd

13 Trichlorofluoromethane



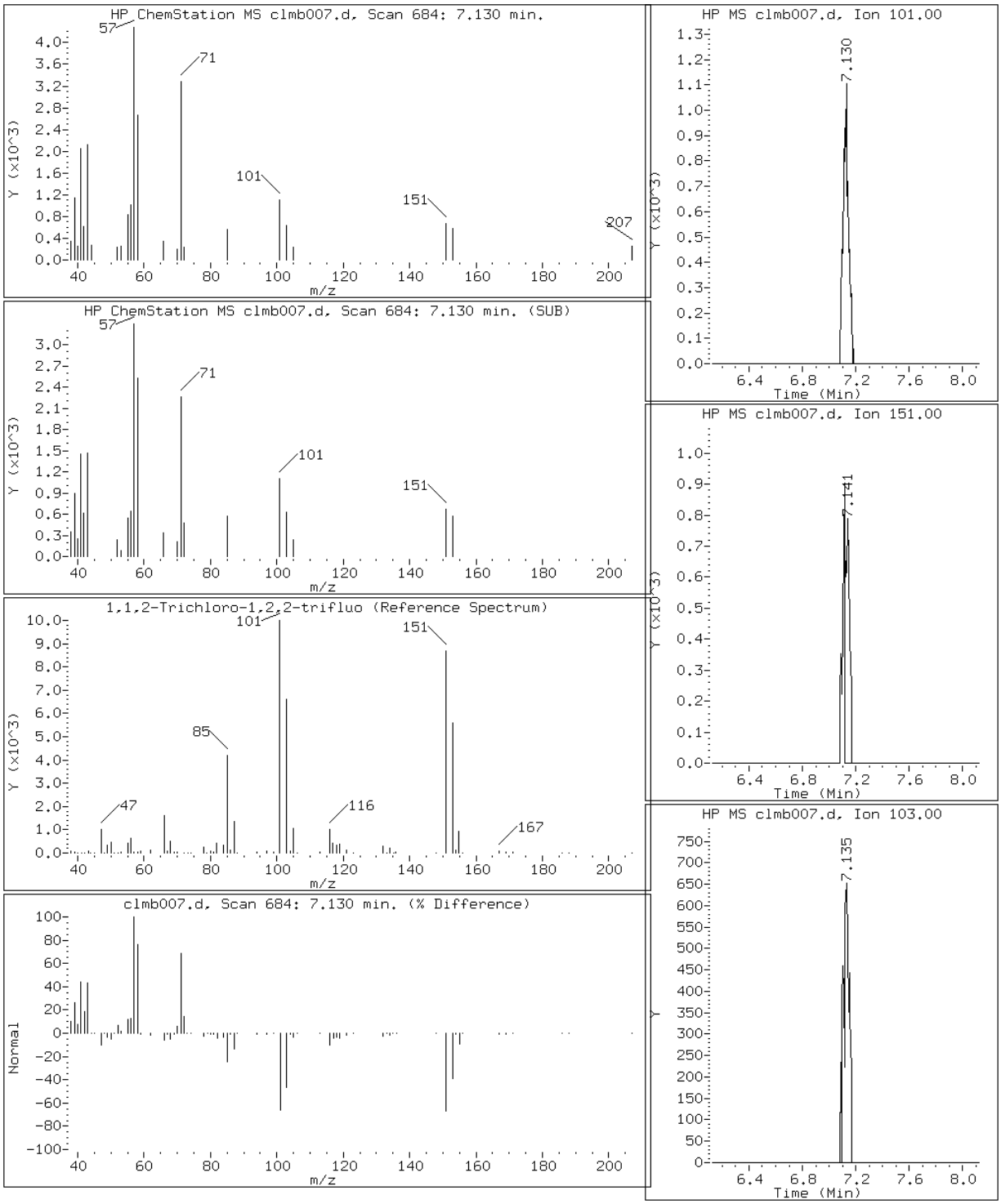
Data File: clmb007.d

Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

Client ID: 785IA09 Instrument: C.i

Sample Info: 280-39902-A-4 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



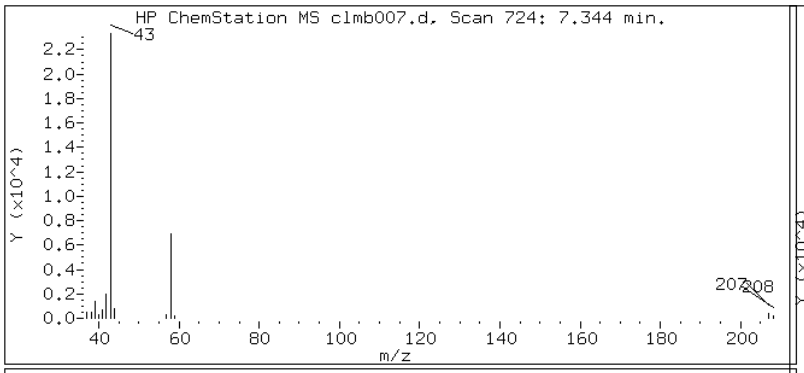
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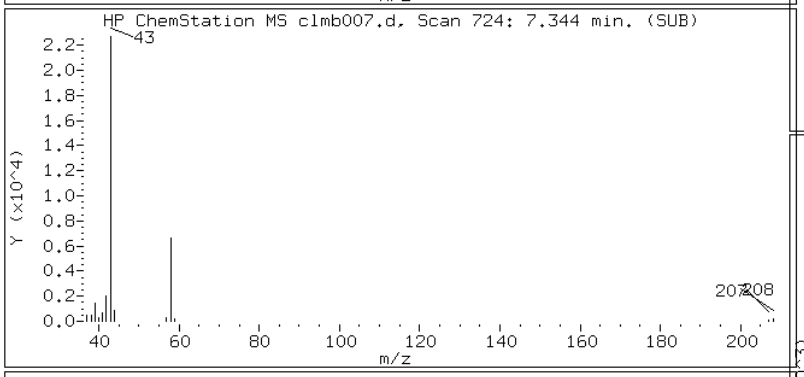
Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

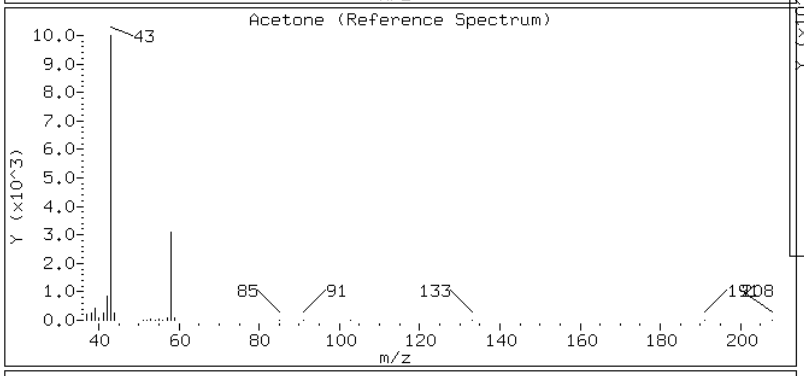
Client ID: 785IA09 Instrument: C.i

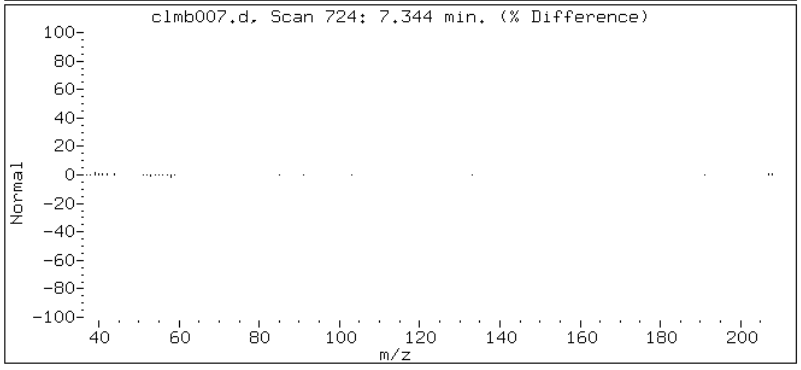
Sample Info: 280-39902-A-4 Operator: wrd

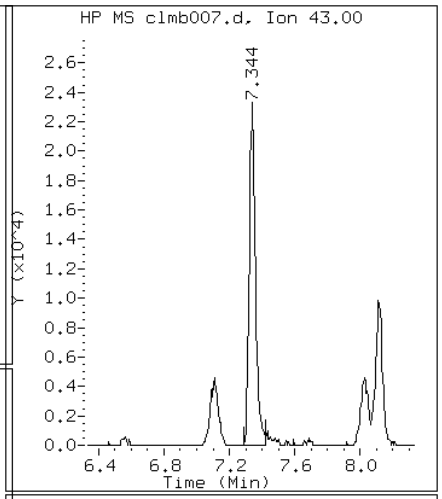
20 Acetone

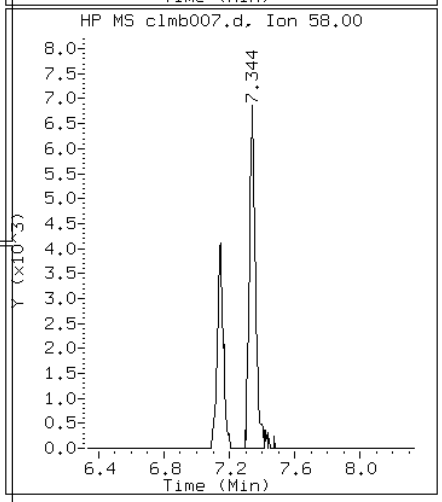












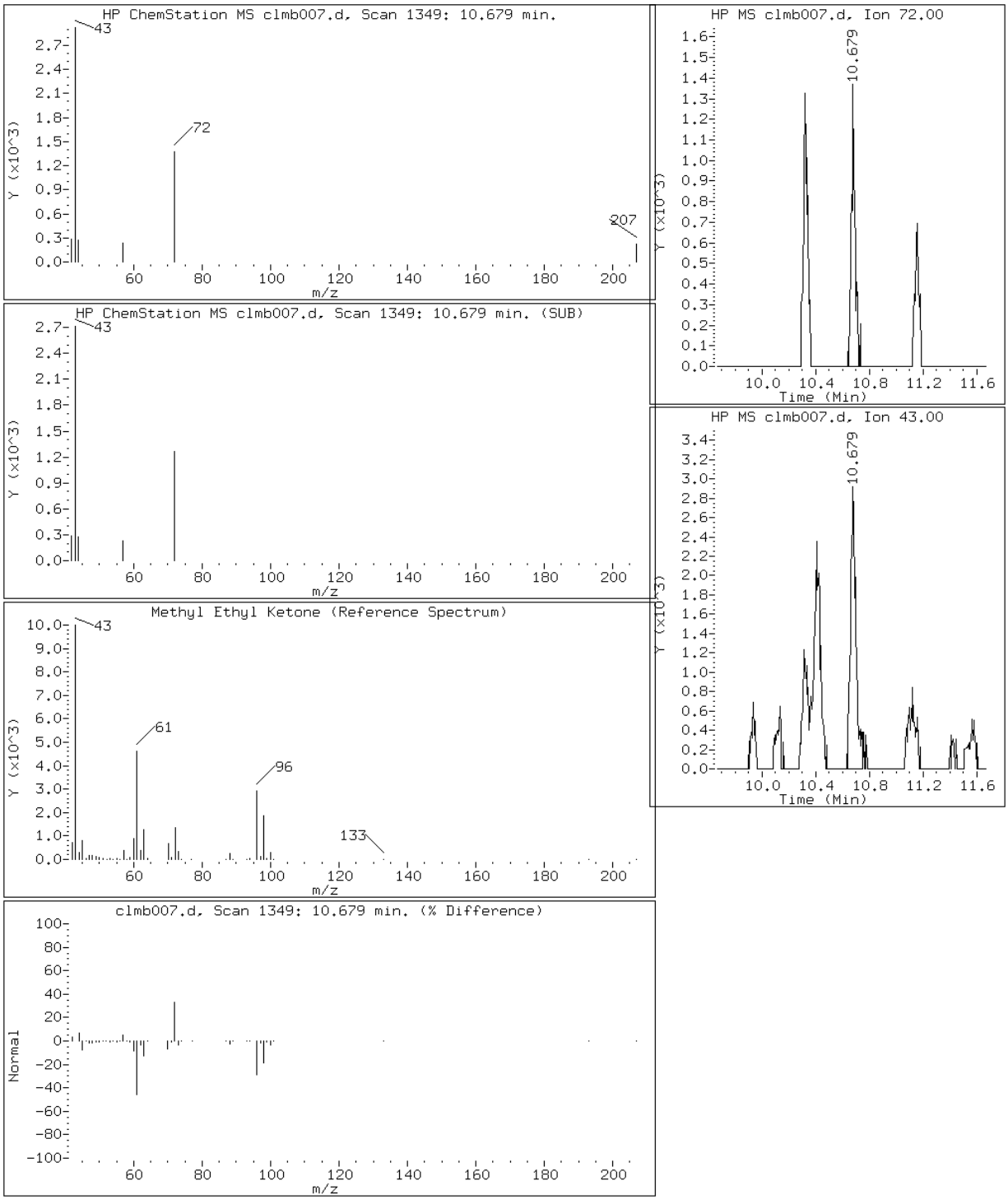
Data File: clmb007.d

Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

Client ID: 785IA09 Instrument: C.i

Sample Info: 280-39902-A-4 Operator: wrd

36 Methyl Ethyl Ketone



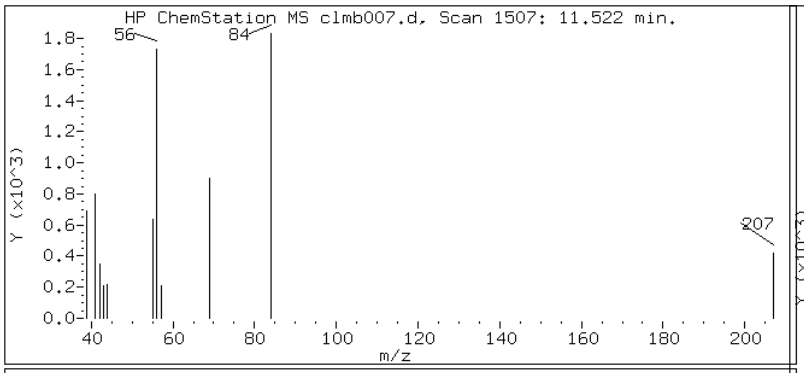
Data File: clmb007.d

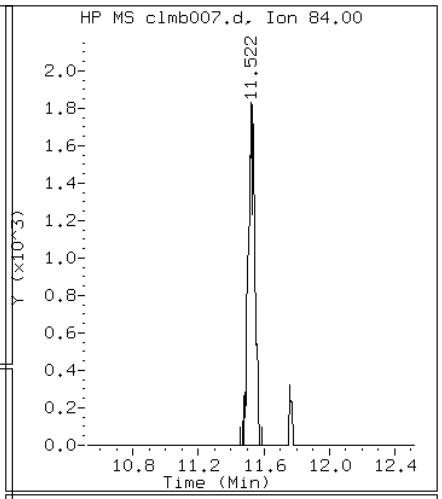
Lab Sample ID: 280-39902-4 Date: 01-APR-2013 14:09

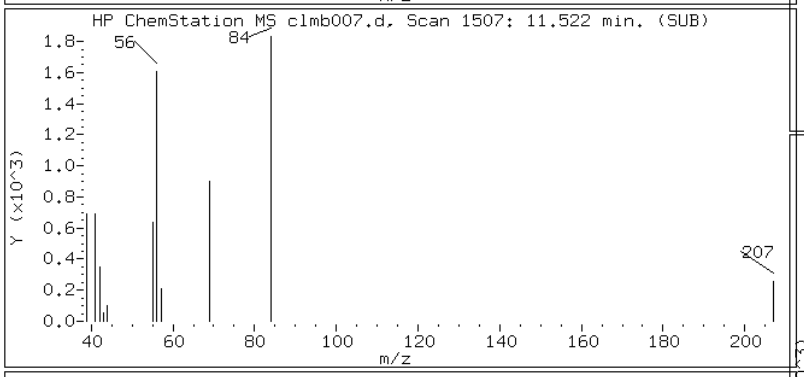
Client ID: 785IA09 Instrument: C.i

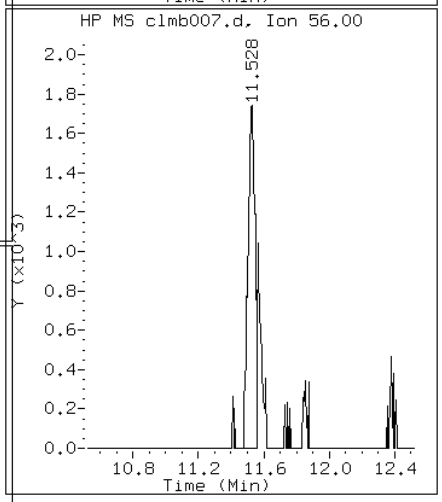
Sample Info: 280-39902-A-4 Operator: wrd

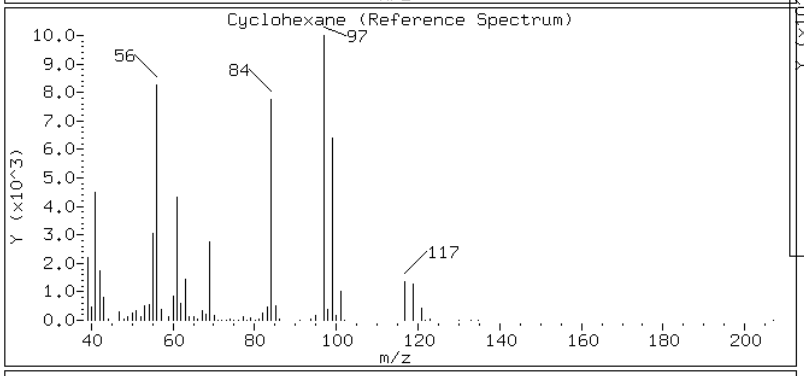
40 Cyclohexane

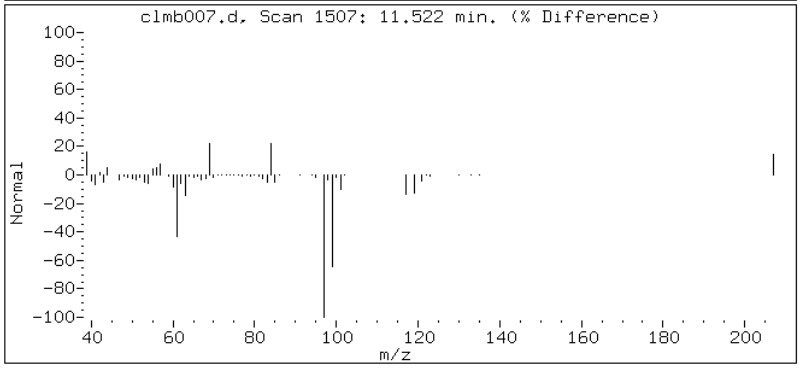












Manual Integration Report

Data File: clmb007.d
Lab Sample ID: 280-39902-4
Inj. Date and Time: 01-APR-2013 14:09
Instrument ID: C.i
Client ID: 785IA09
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 04/02/2013

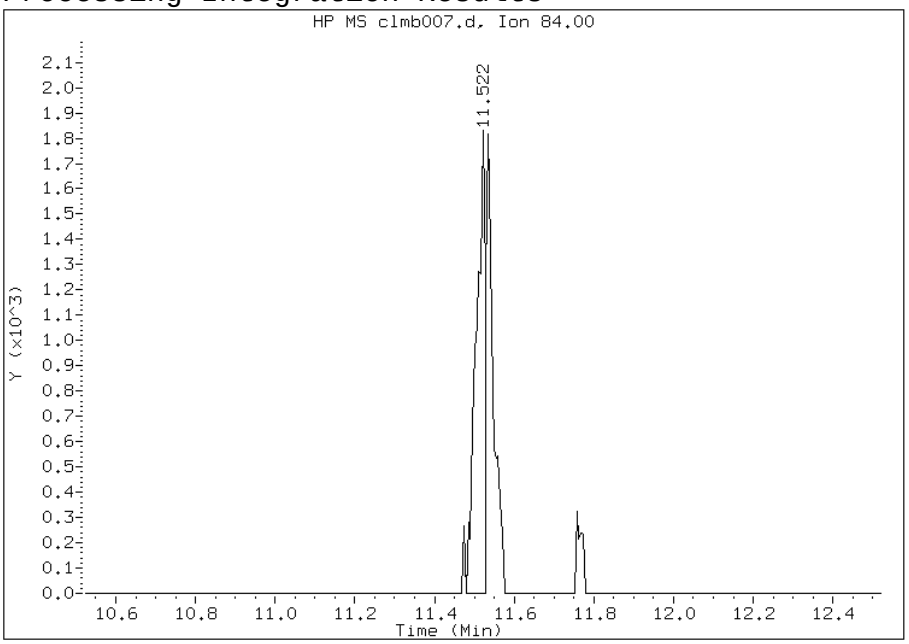
Processing Integration Results

RT: 11.52

Response: 2813

Amount: 0.119052

Conc: 0.119052



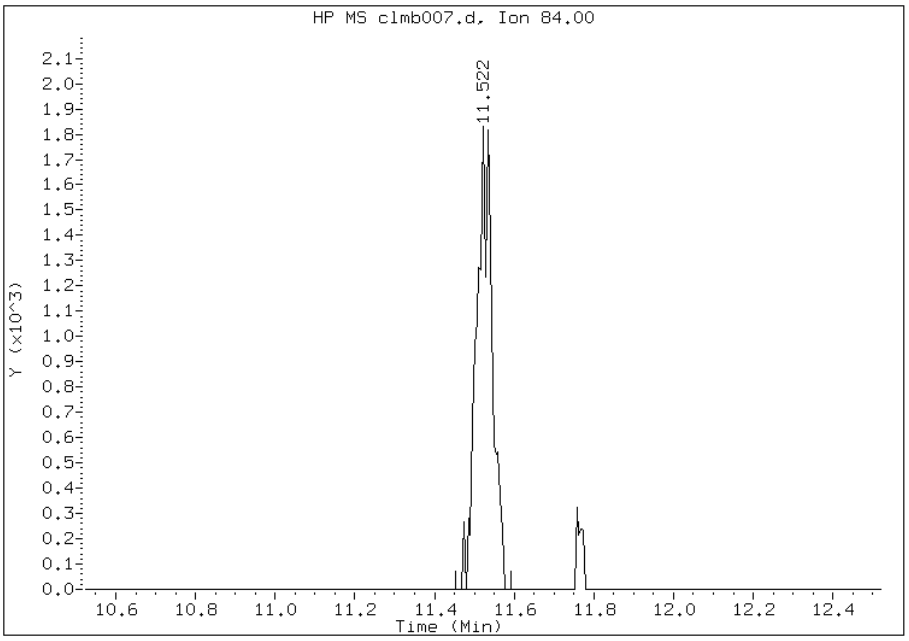
Manual Integration Results

RT: 11.52

Response: 5058

Amount: 0.214066

Conc: 0.214066



File Uploaded By: lyonsb
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786IA08 Lab Sample ID: 280-39902-5

Matrix: Air Lab File ID: clmb008.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.60		0.50	0.020
75-45-6	Freon 22	86.47	0.32	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.84		0.50	0.034
106-97-8	n-Butane	58.12	1.4		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.28		0.20	0.021
76-13-1	Freon TF	187.38	0.089	J M	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	8.8		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.44	J	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.20	J M	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.3		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.3		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.079	J M	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.52		0.20	0.015
71-43-2	Benzene	78.11	0.24		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786IA08 Lab Sample ID: 280-39902-5

Matrix: Air Lab File ID: clmb008.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.30		0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.26		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786IA08 Lab Sample ID: 280-39902-5

Matrix: Air Lab File ID: clmb008.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786IA08 Lab Sample ID: 280-39902-5

Matrix: Air Lab File ID: clmb008.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0		2.5	0.099
75-45-6	Freon 22	86.47	1.1	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.7		1.0	0.070
106-97-8	n-Butane	58.12	3.2		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.6		1.1	0.12
76-13-1	Freon TF	187.38	0.68	J M	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	21		12	0.95
67-63-0	Isopropyl alcohol	60.10	1.1	J	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.69	J M	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	8.2		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	3.8		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.50	J M	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	2.4		0.93	0.070
71-43-2	Benzene	78.11	0.77		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786IA08 Lab Sample ID: 280-39902-5

Matrix: Air Lab File ID: clmb008.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.2		0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.98		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786IA08 Lab Sample ID: 280-39902-5

Matrix: Air Lab File ID: clmb008.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:20

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-5
Client Smp ID: 785IA08
Inj Date : 01-APR-2013 15:02
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-5
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	35845	0.60138	0.60
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	8402	0.31585	0.32(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.147	4.136	(0.375)	9449	0.84487	0.84
6 Butane	43	4.376	4.376	(0.395)	23704	1.35327	1.4
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	14950	0.28014	0.28
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.125	7.125	(0.644)	2761	0.08927	0.089(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.333	7.333	(0.662)	122005	8.80204	8.8(Q)
21 Carbon disulfide	76	Compound Not Detected.					

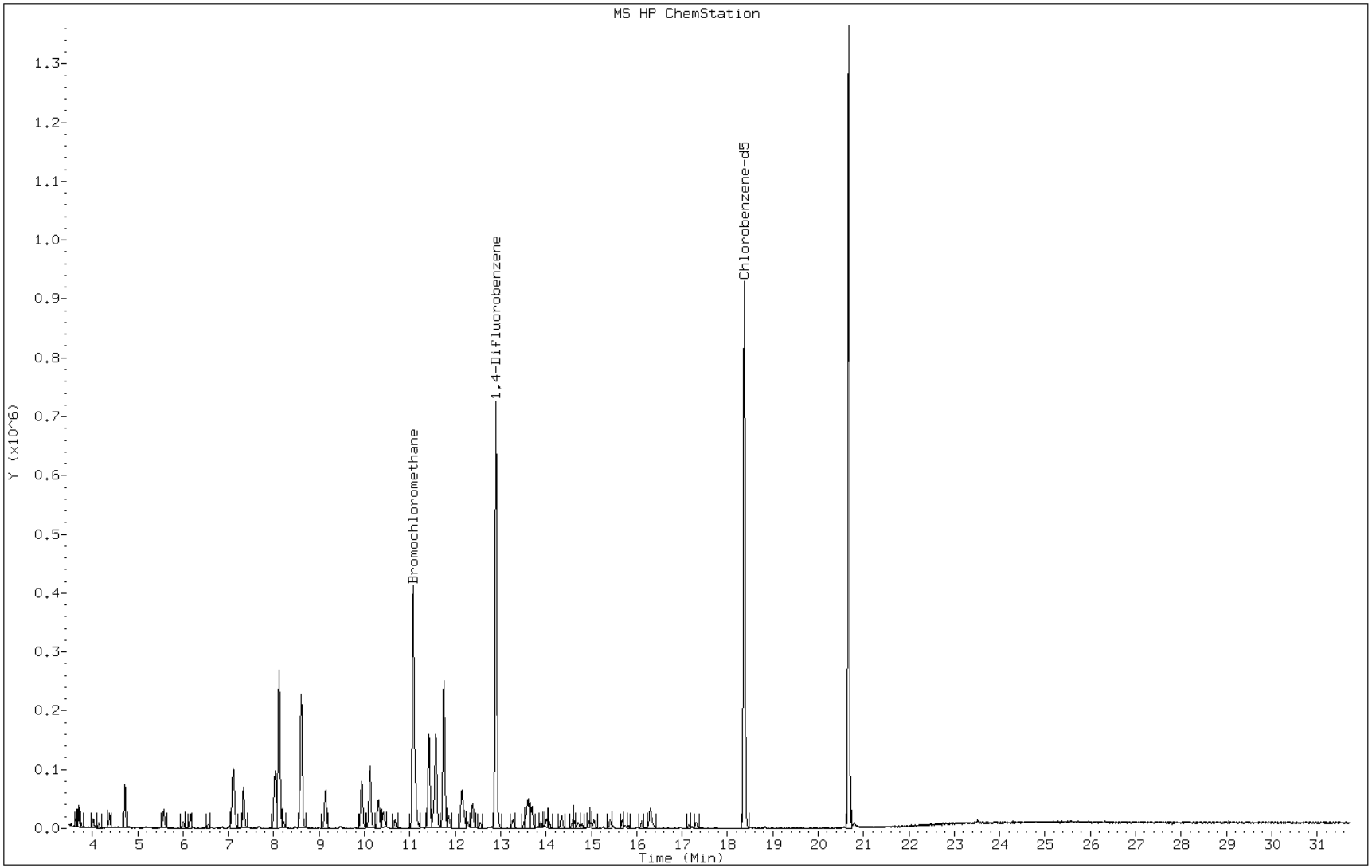
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	7.669	7.658	(0.693)	4778	0.43582	0.44(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.208	8.208	(0.742)	2656	0.19745	0.20(aQM)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.142	9.142	(0.826)	45402	2.31256	2.3
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.663	10.668	(0.963)	7554	1.30350	1.3(Q)
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	151850	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	11.757	11.763	(0.911)	3822	0.07935	0.079(aM)
	43 2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	31566	0.52203	0.52(Q)
	44 Benzene	78	12.152	12.152	(0.942)	11077	0.24079	0.24
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.547	12.552	(0.973)	5729	0.30449	0.30
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	826817	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.691	15.685	(0.854)	9564	0.26136	0.26
	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	18.370	18.375	(1.000)	811851	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb008.d	Date:	01-APR-2013 15:02
Client ID:	785IA08	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-5		
Lab Sample ID:	280-39902-5		



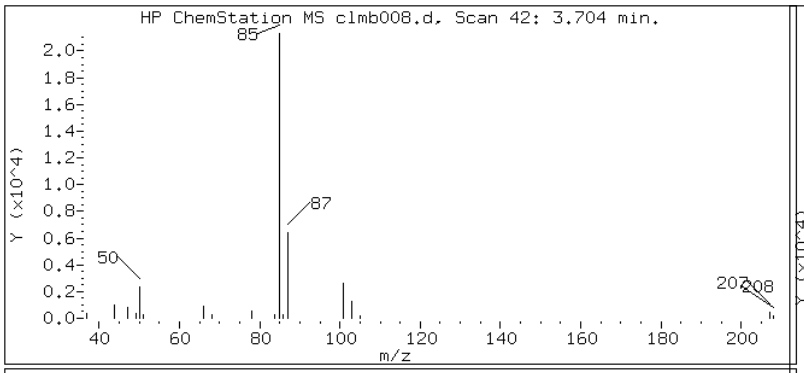
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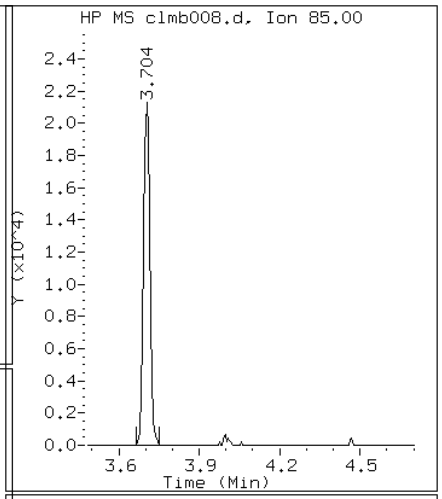
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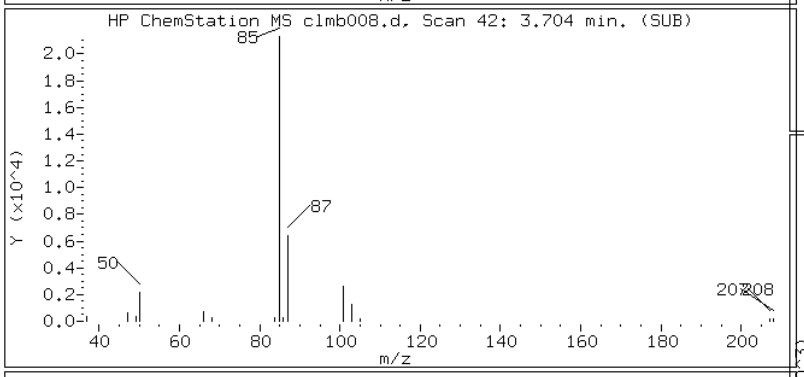
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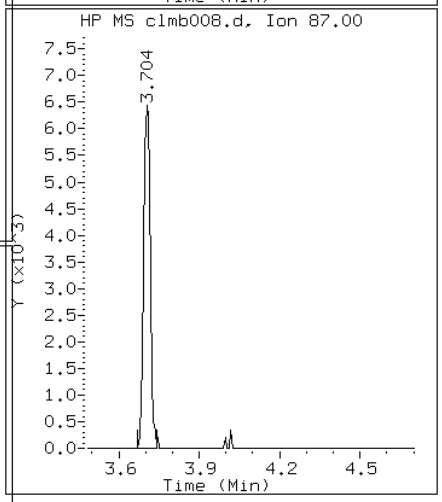
Sample Info: 280-39902-A-5 Operator: wrd

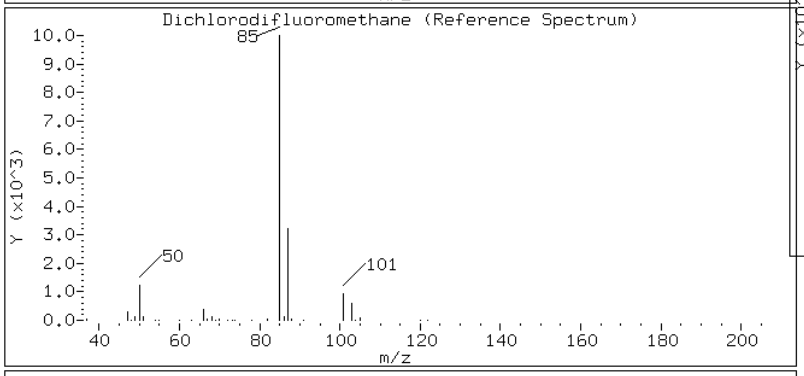
2 Dichlorodifluoromethane

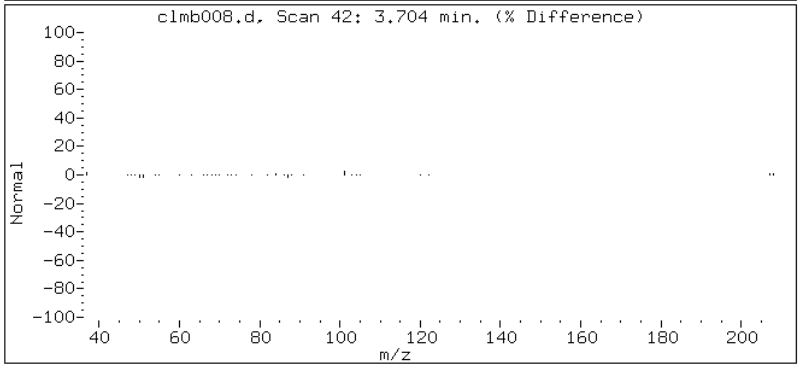












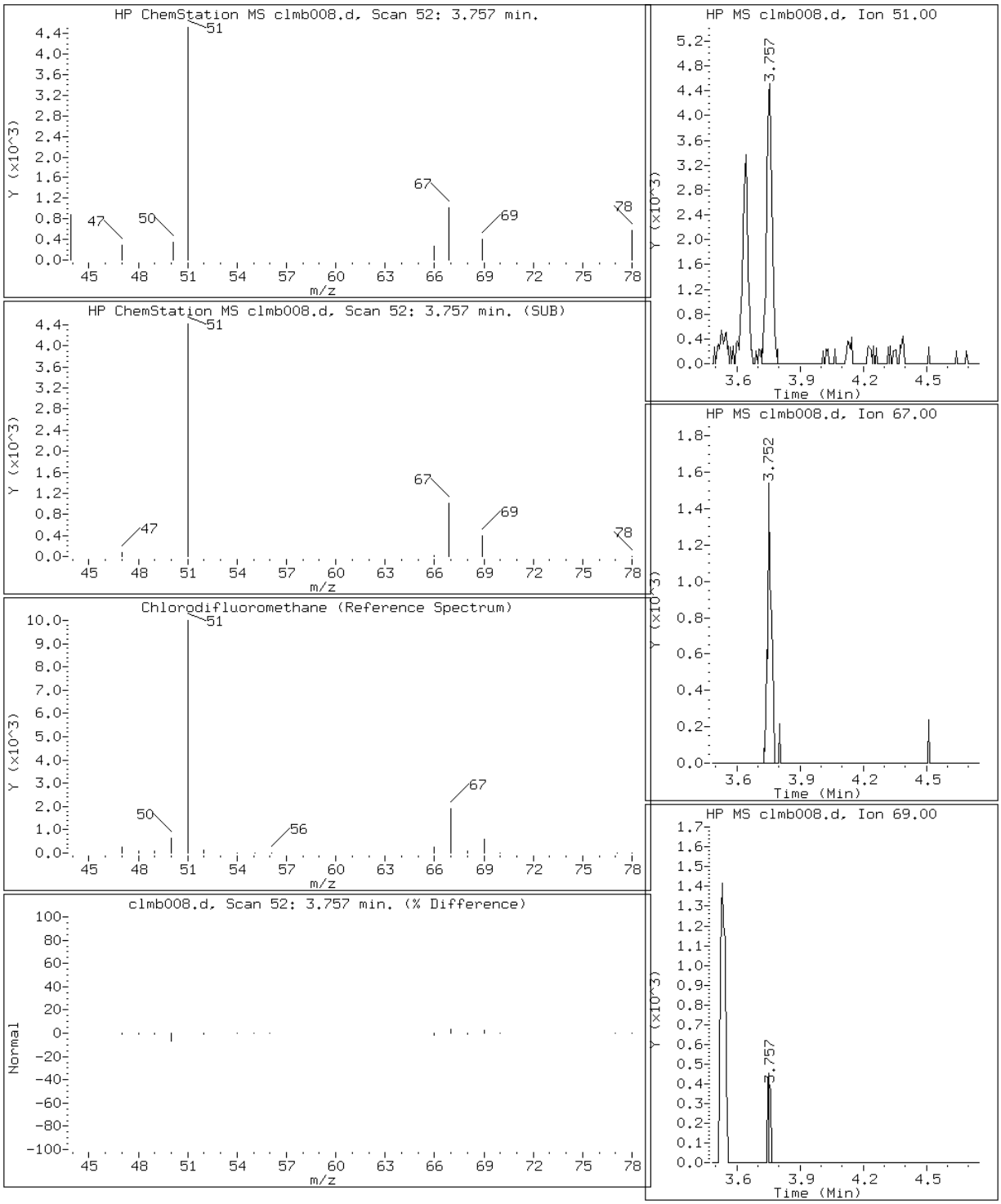
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Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

Client ID: 785IA08 Instrument: C.i

Sample Info: 280-39902-A-5 Operator: wrd

3 Chlorodifluoromethane



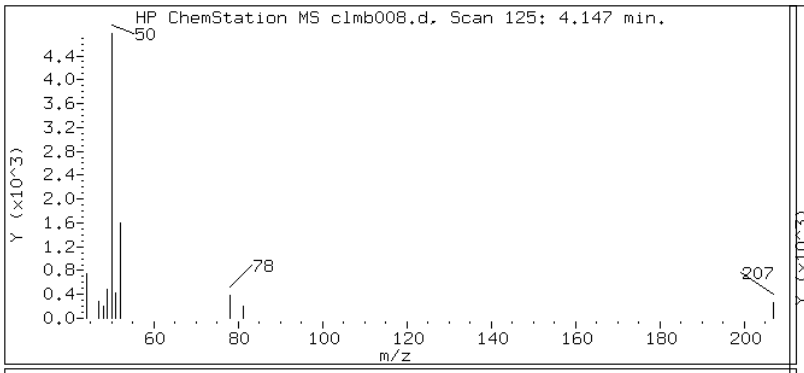
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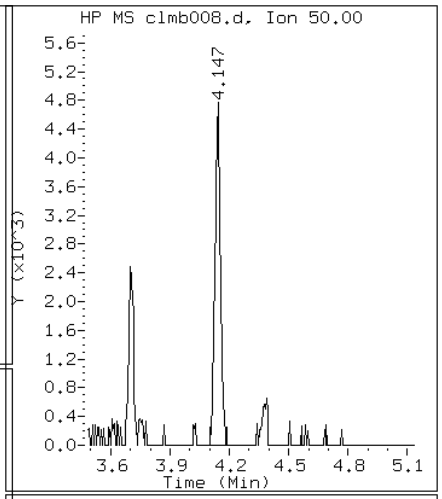
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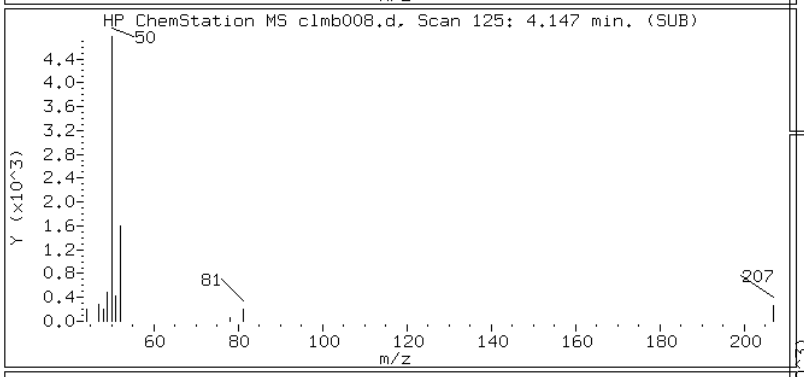
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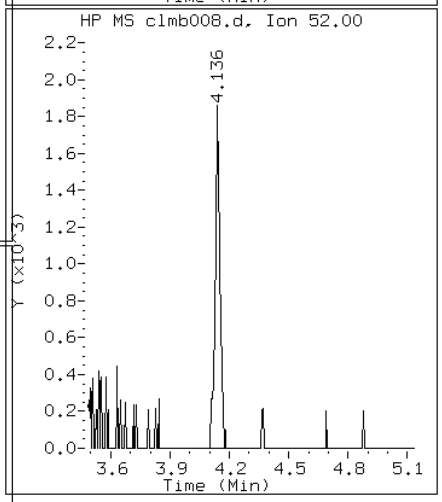
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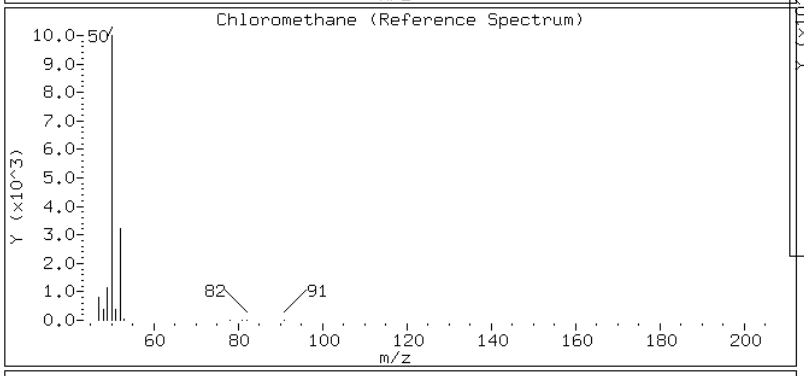
5 Chloromethane

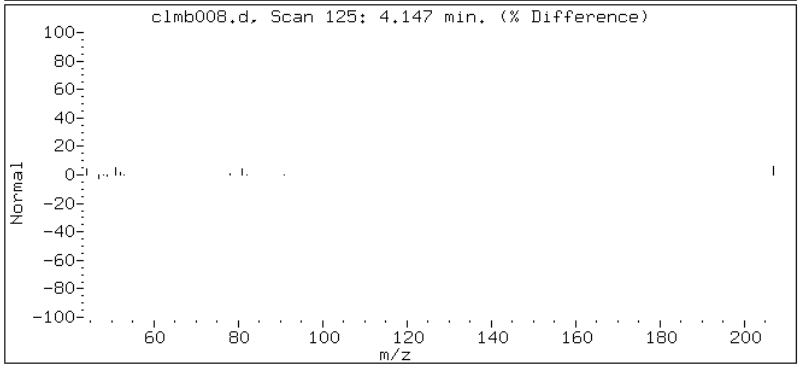












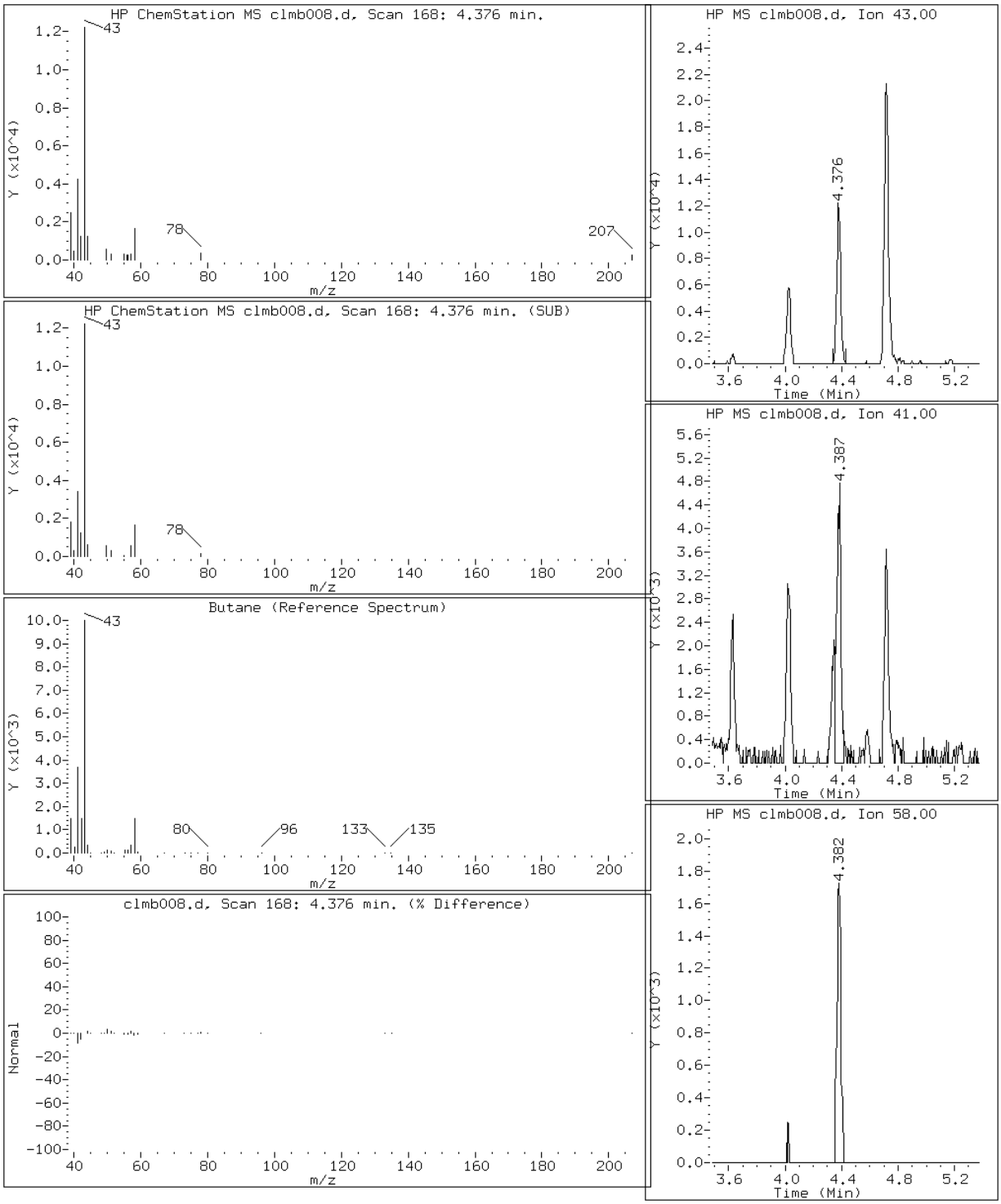
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Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

Client ID: 785IA08 Instrument: C.i

Sample Info: 280-39902-A-5 Operator: wrd

6 Butane



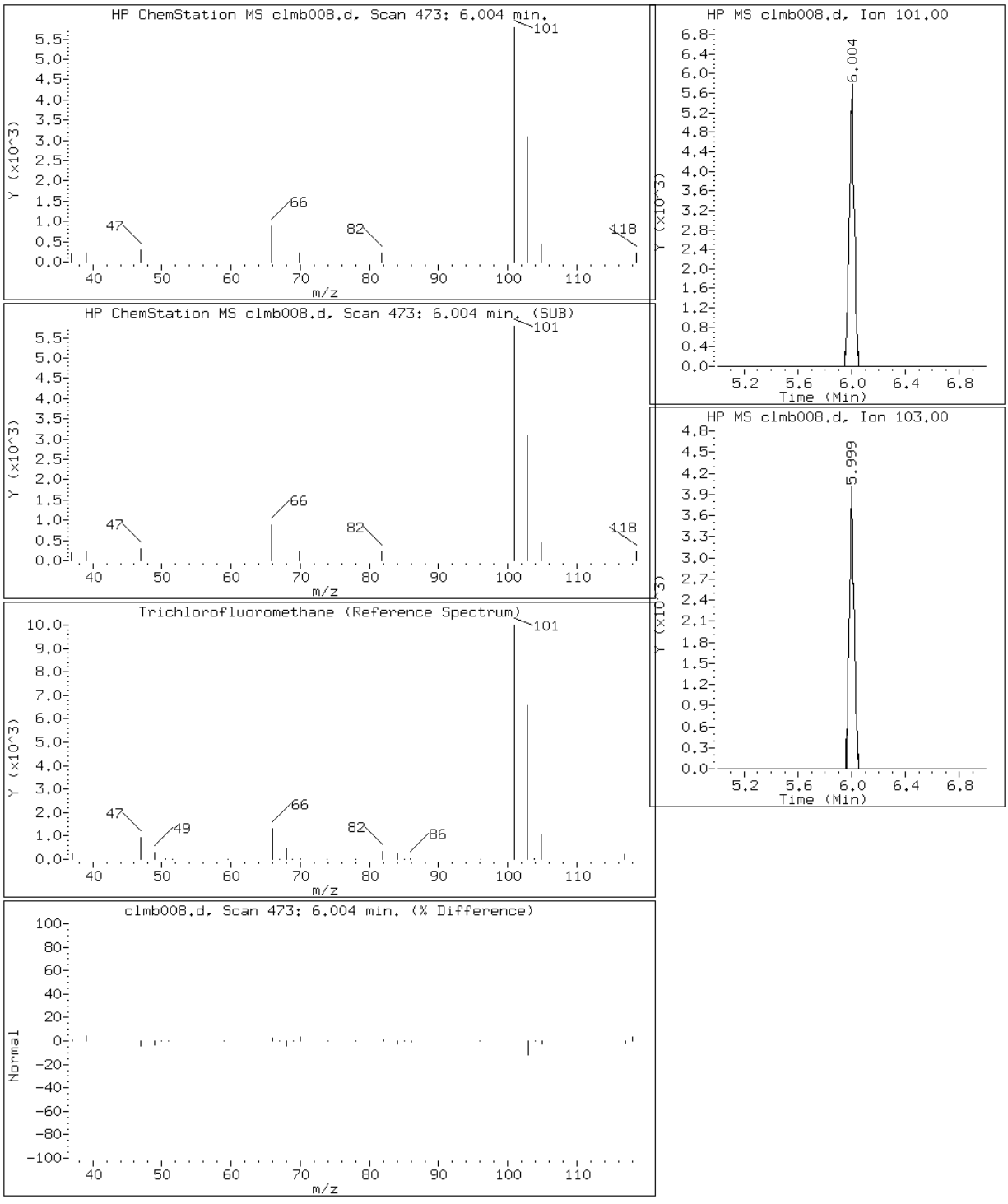
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Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

Client ID: 785IA08 Instrument: C.i

Sample Info: 280-39902-A-5 Operator: wrd

13 Trichlorofluoromethane



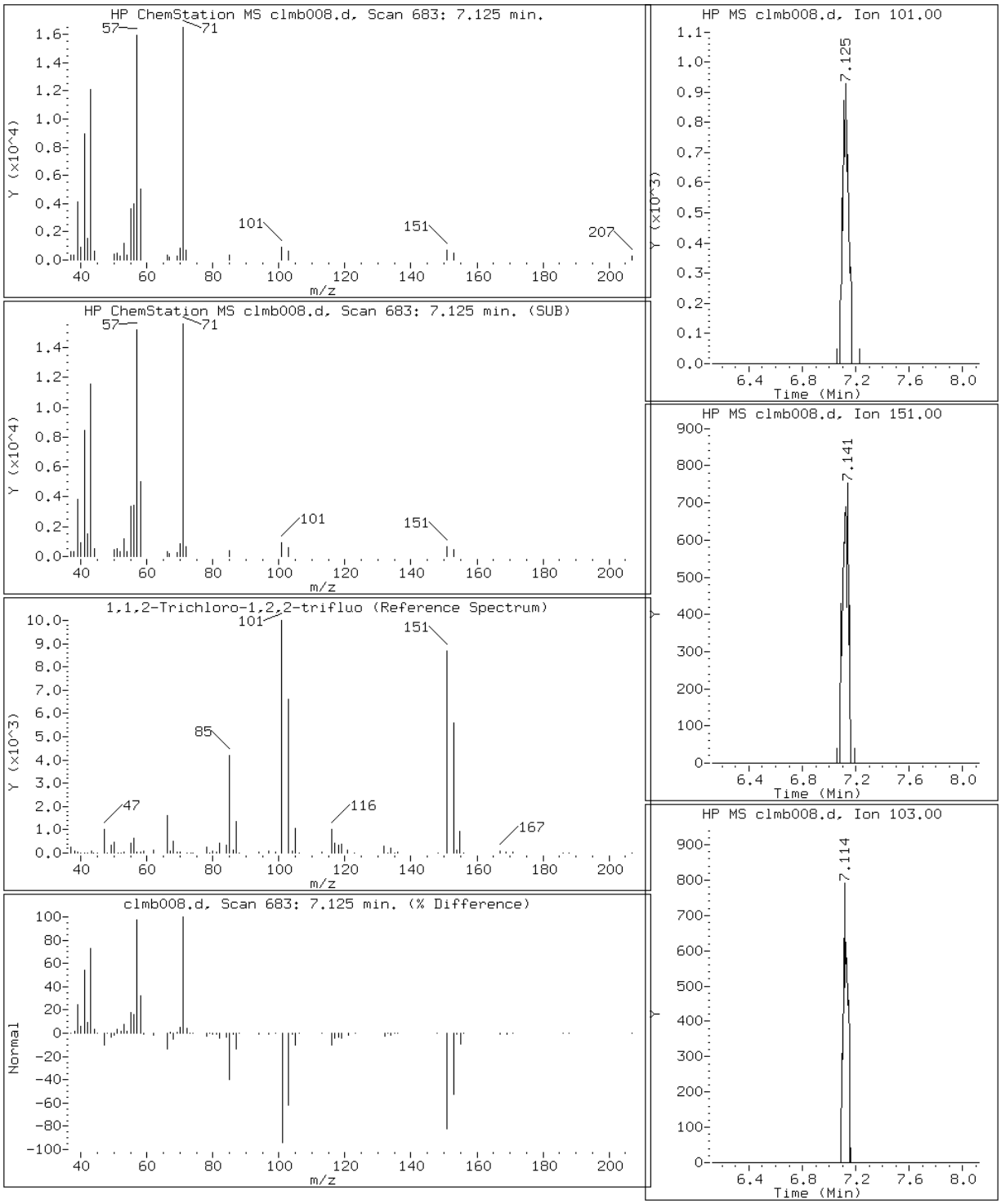
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Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

Client ID: 785IA08 Instrument: C.i

Sample Info: 280-39902-A-5 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



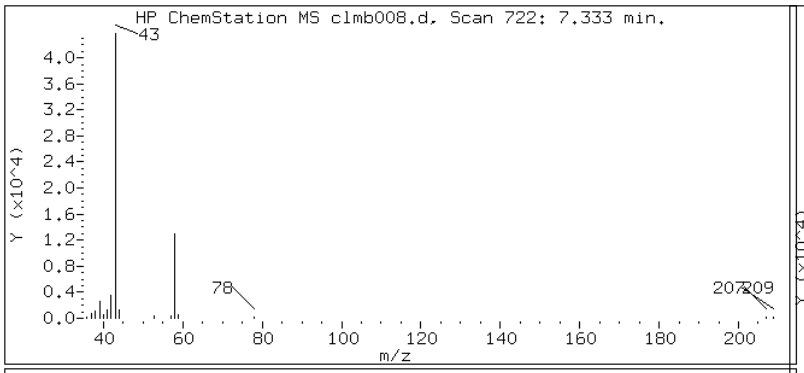
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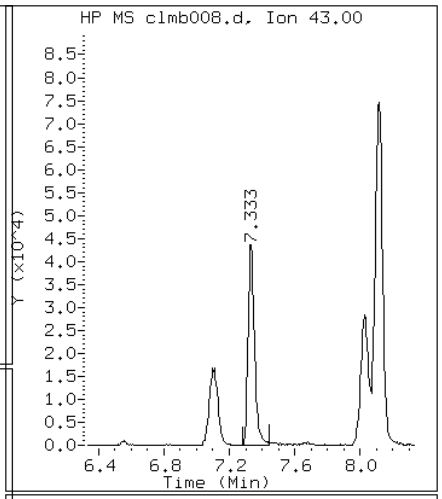
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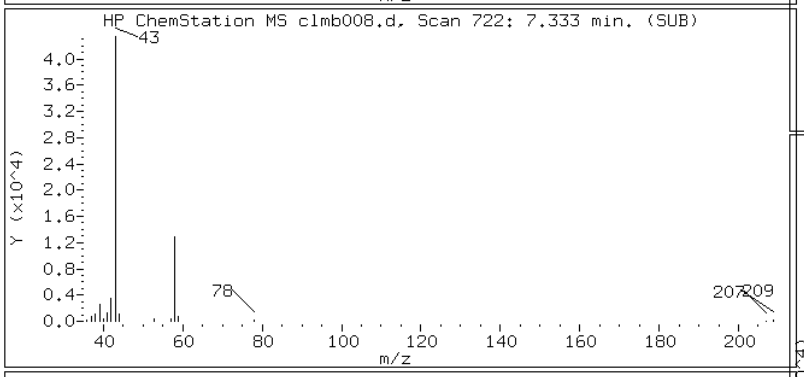
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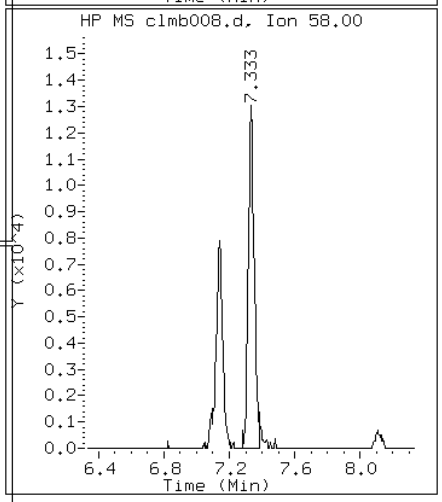
Sample Info: 280-39902-A-5 Operator: wrd

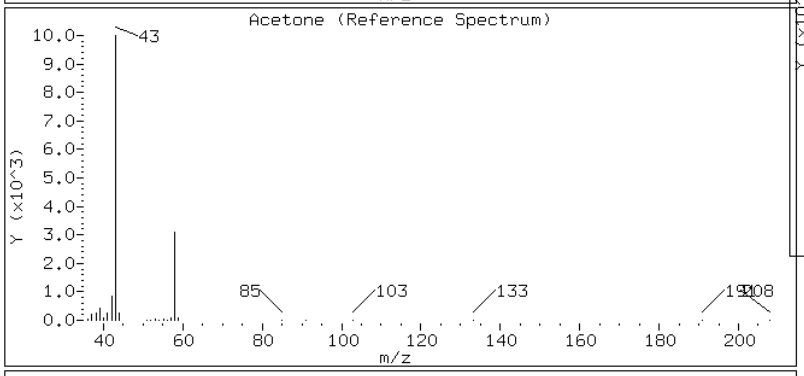
20 Acetone

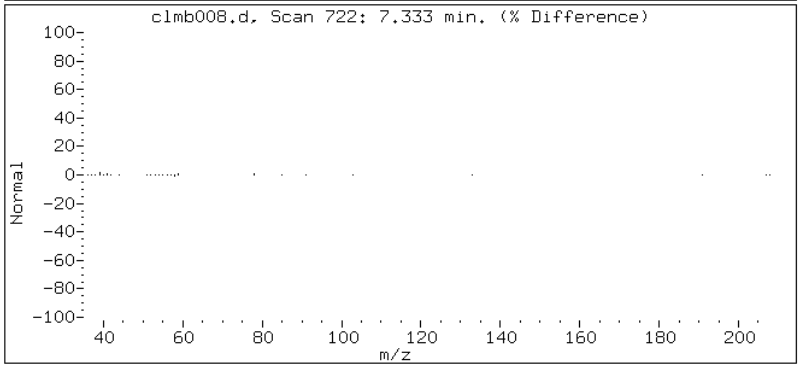












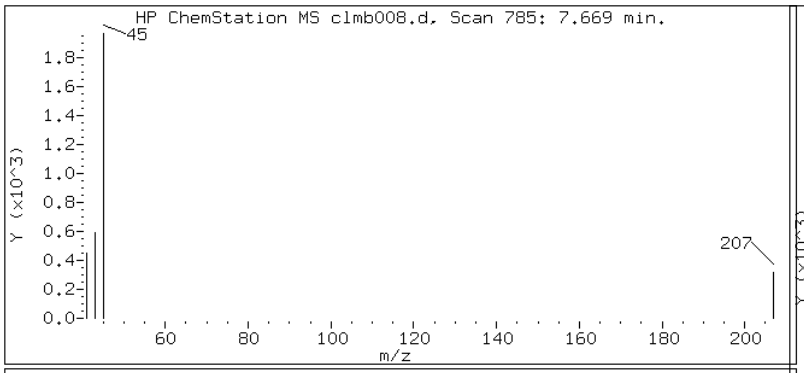
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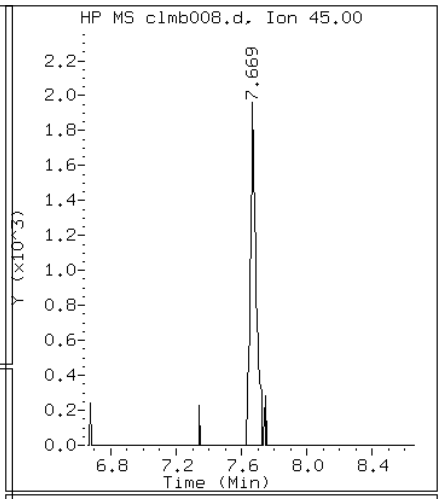
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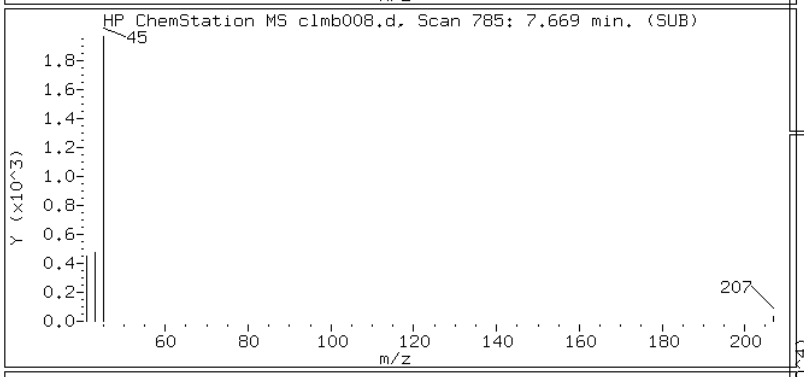
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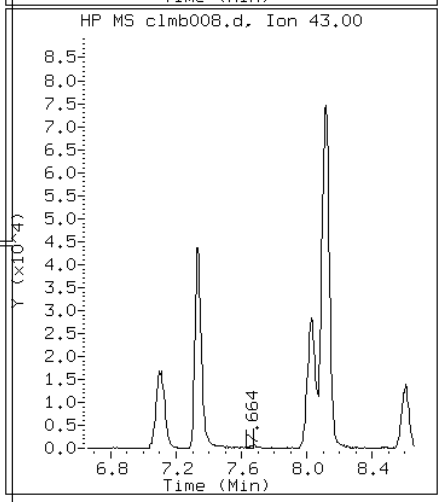
Sample Info: 280-39902-A-5 Operator: wrd

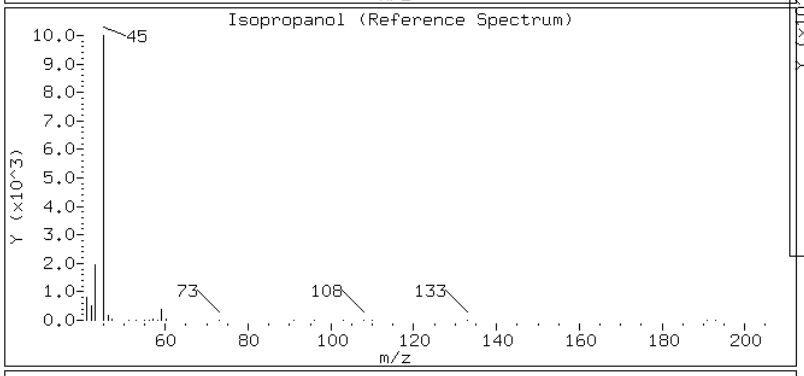
22 Isopropanol

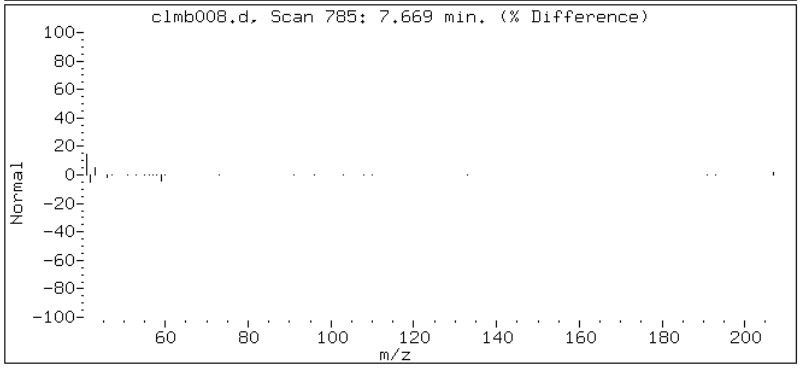












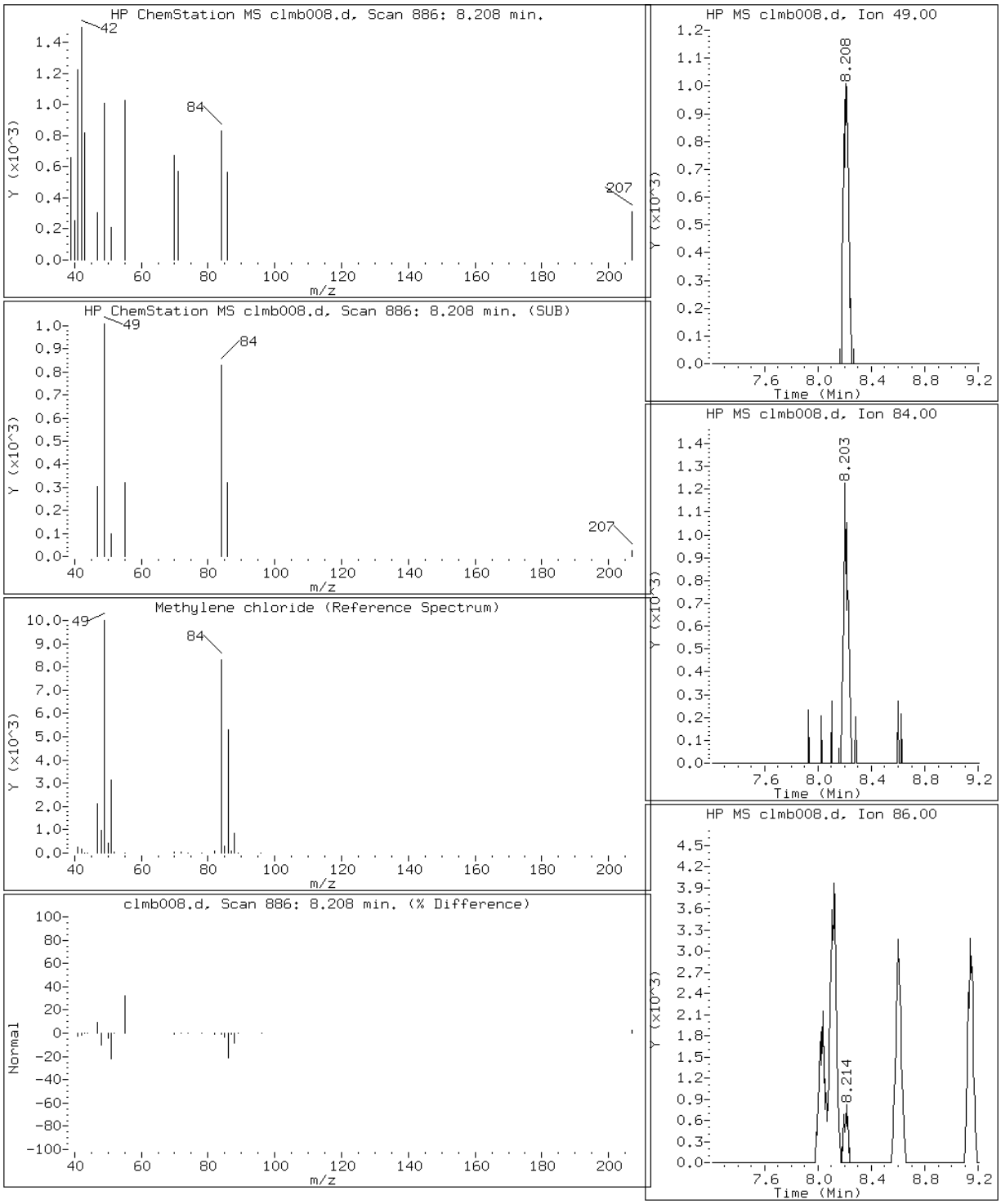
Data File: clmb008.d

Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

Client ID: 785IA08 Instrument: C.i

Sample Info: 280-39902-A-5 Operator: wrd

25 Methylene chloride



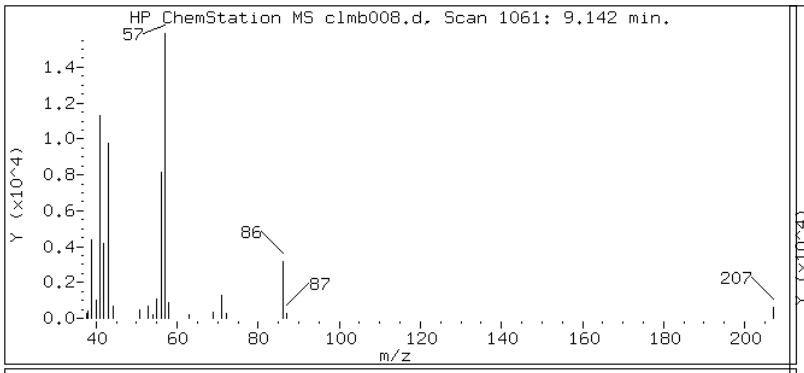
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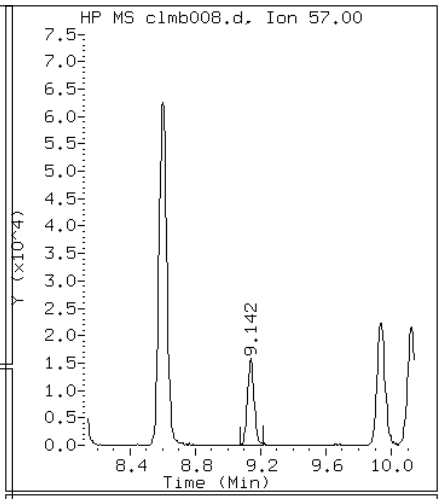
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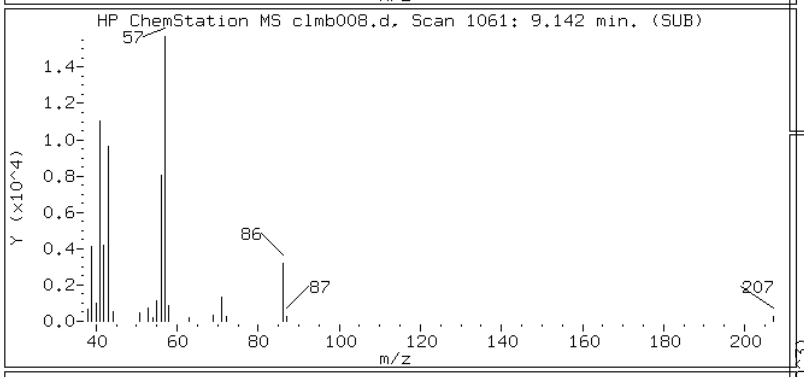
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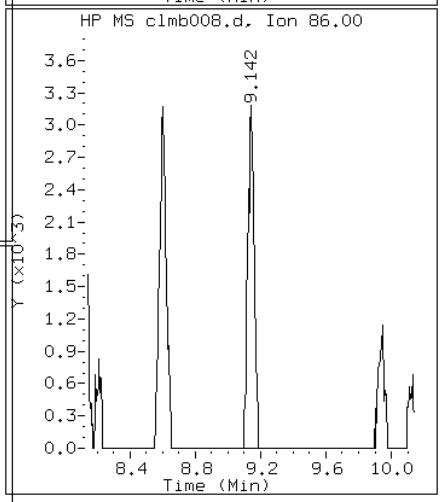
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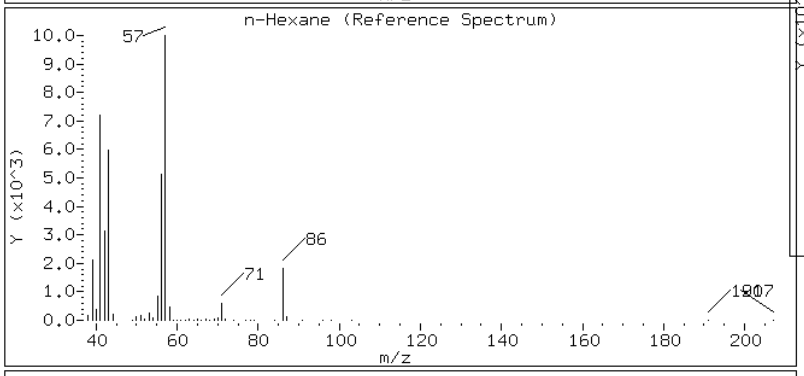
30 n-Hexane

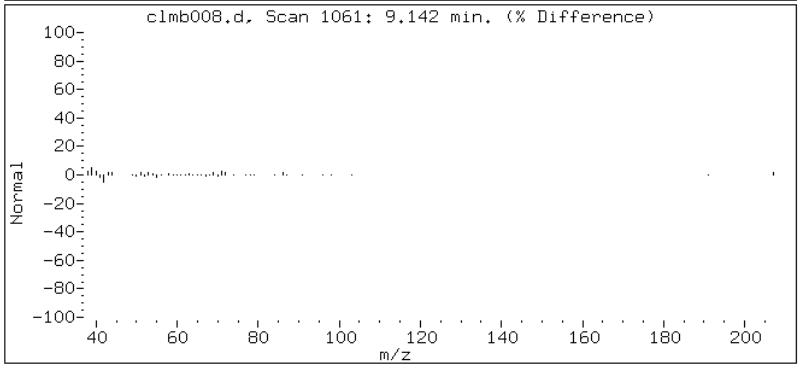












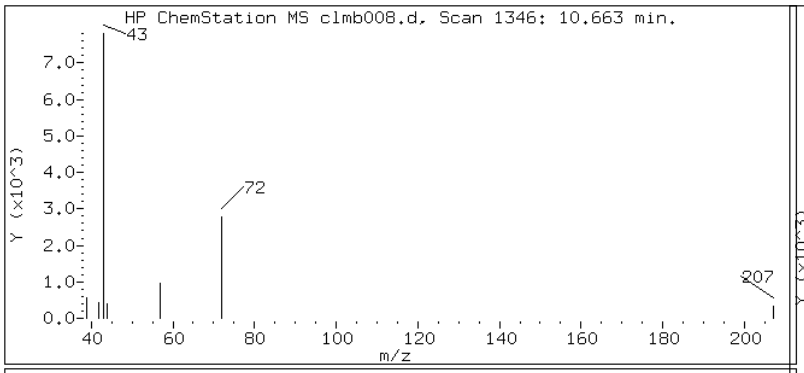
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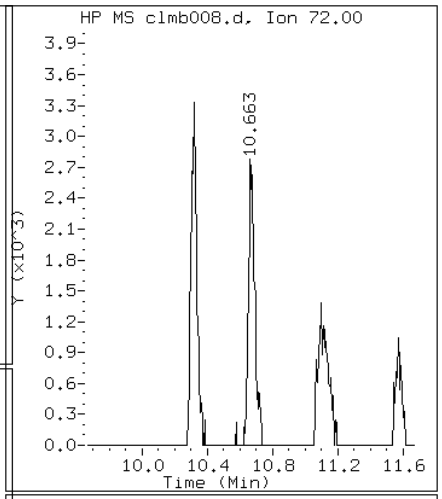
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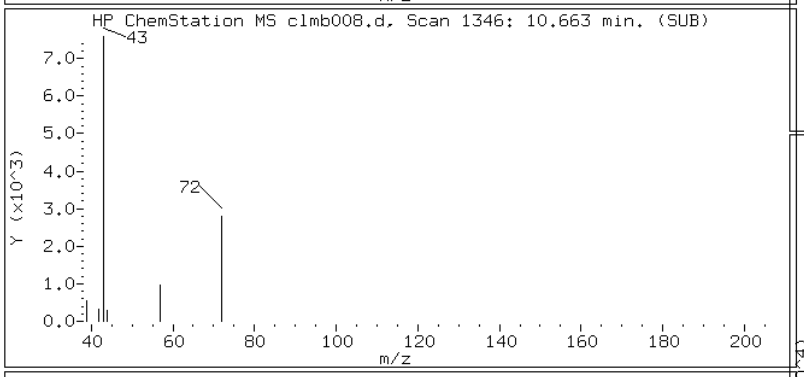
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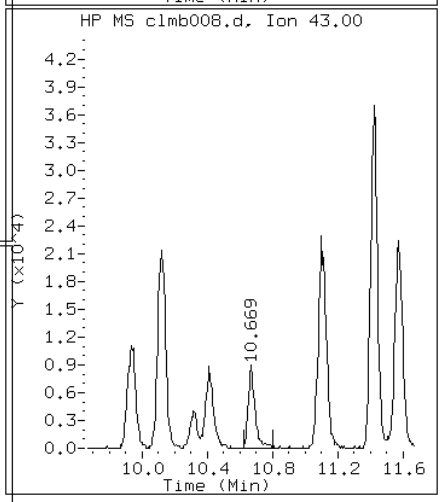
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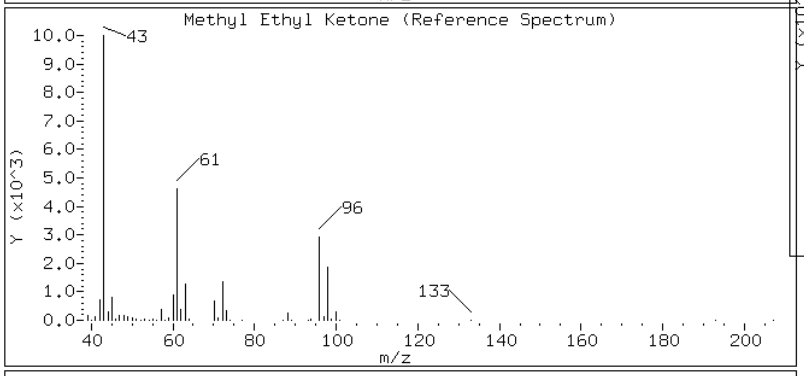
36 Methyl Ethyl Ketone

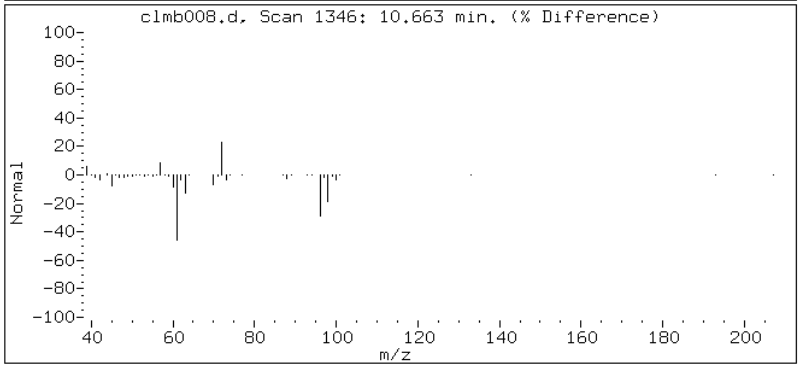












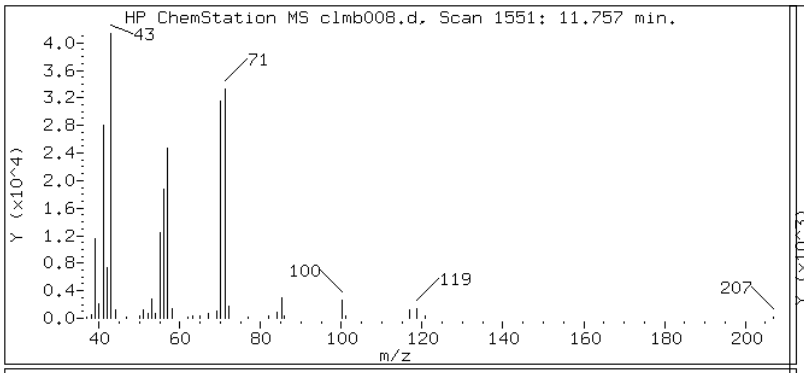
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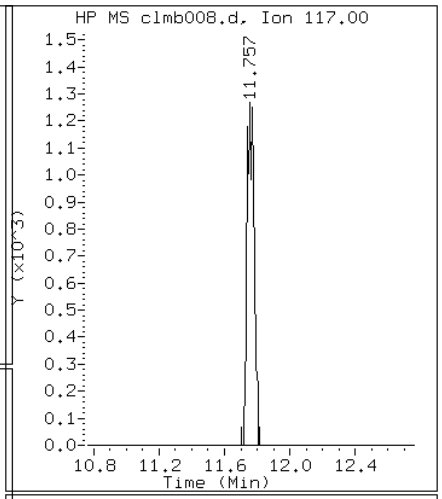
Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

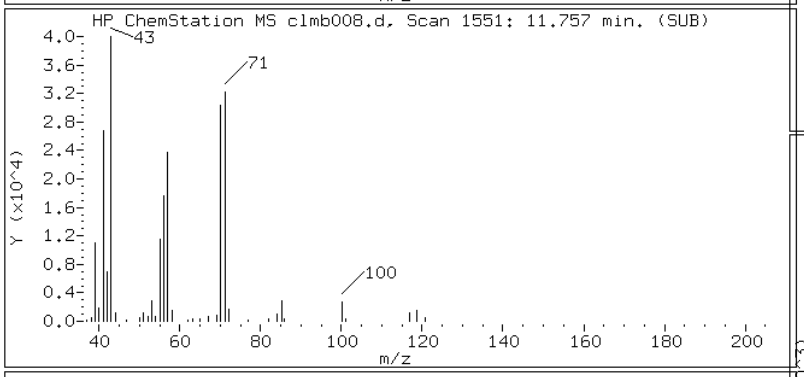
Client ID: 785IA08 Instrument: C.i

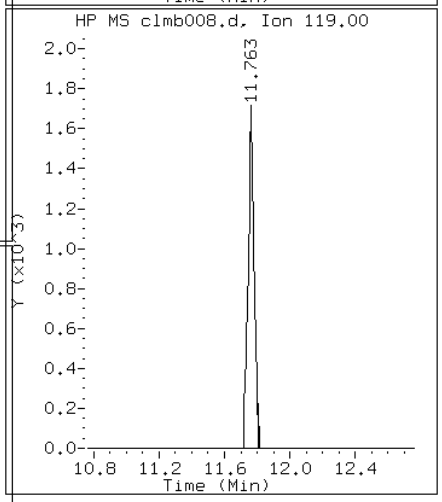
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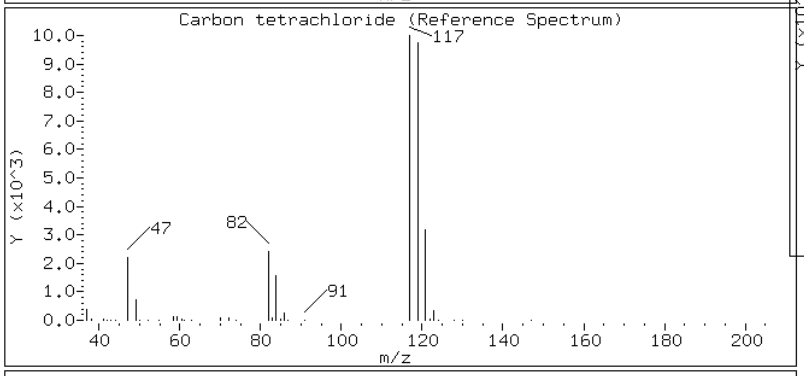
42 Carbon tetrachloride

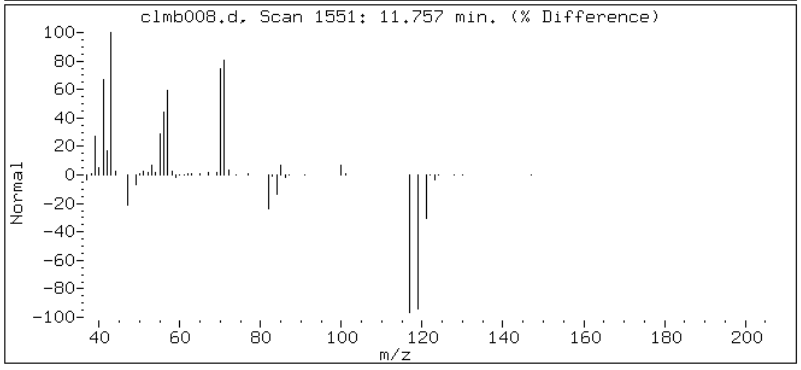












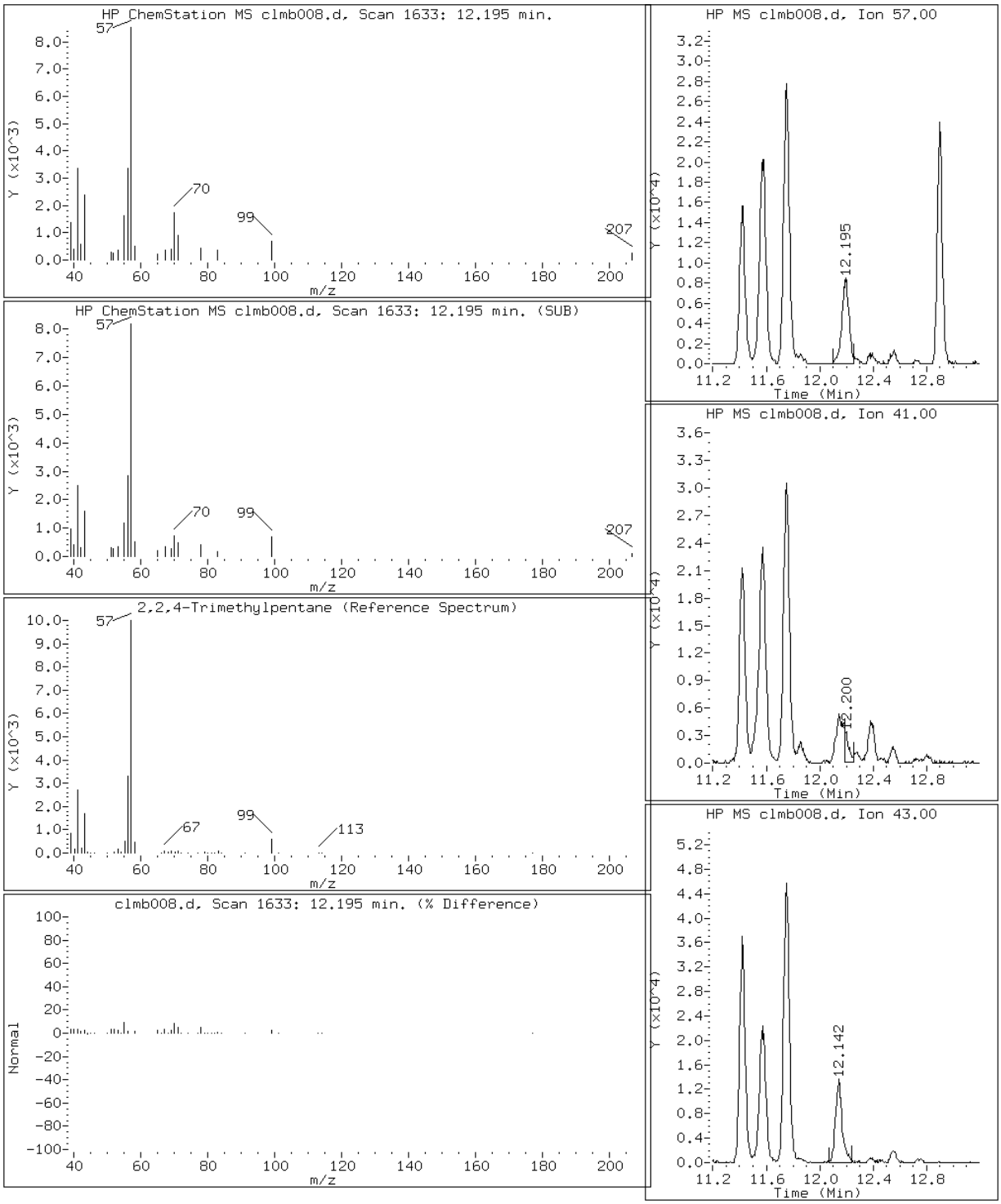
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Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

Client ID: 785IA08 Instrument: C.i

Sample Info: 280-39902-A-5 Operator: wrd

43 2,2,4-Trimethylpentane



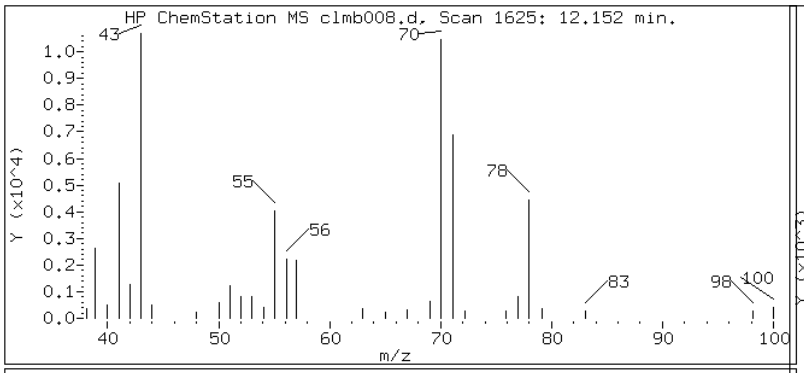
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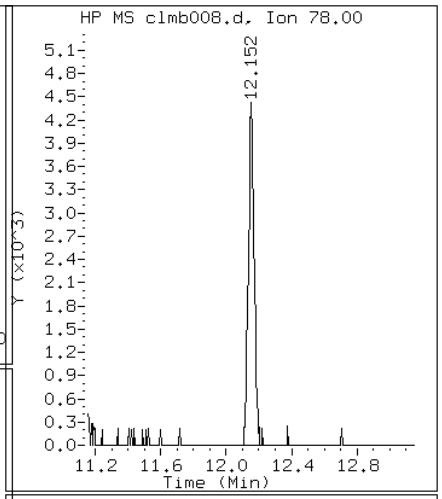
Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

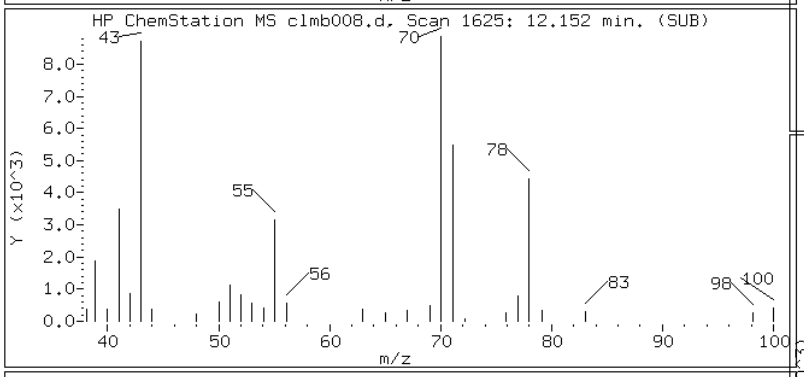
Client ID: 785IA08 Instrument: C.i

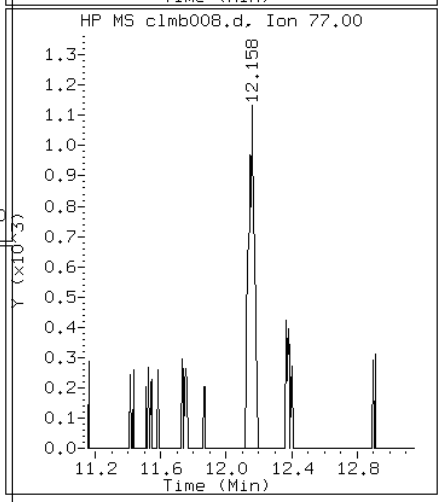
Sample Info: 280-39902-A-5 Operator: wrd

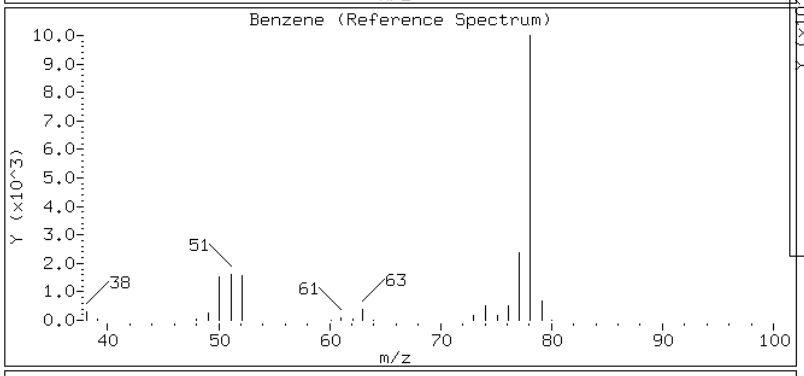
44 Benzene

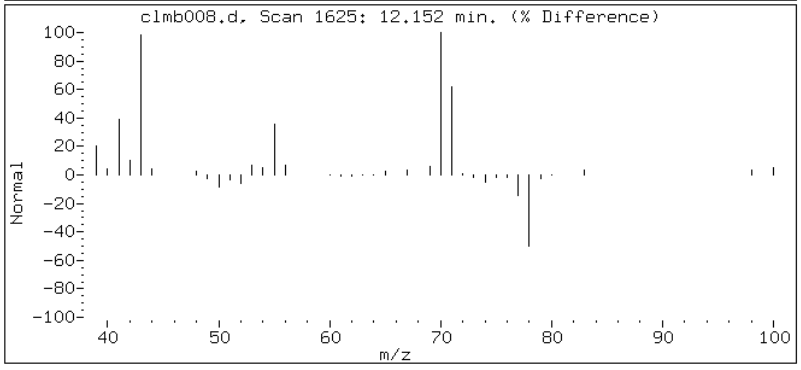












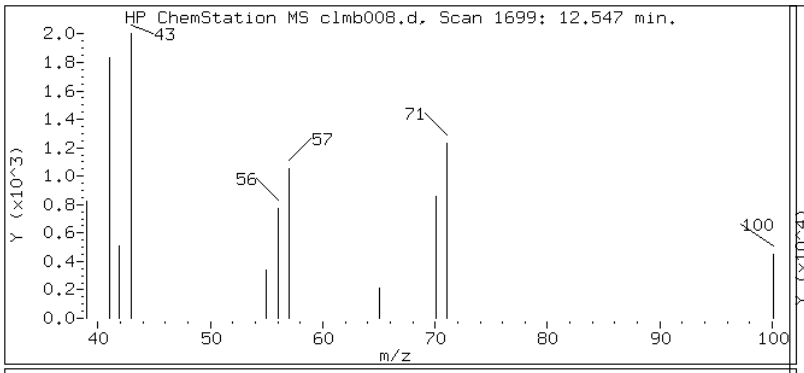
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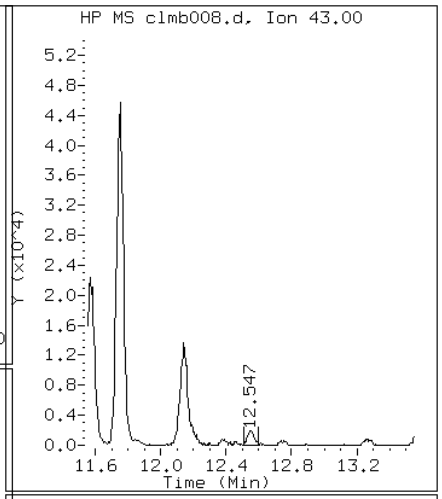
Lab Sample ID: 280-39902-5 Date: 01-APR-2013 15:02

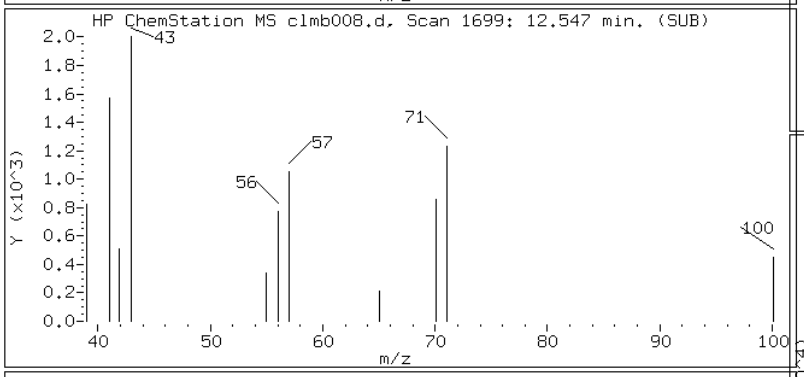
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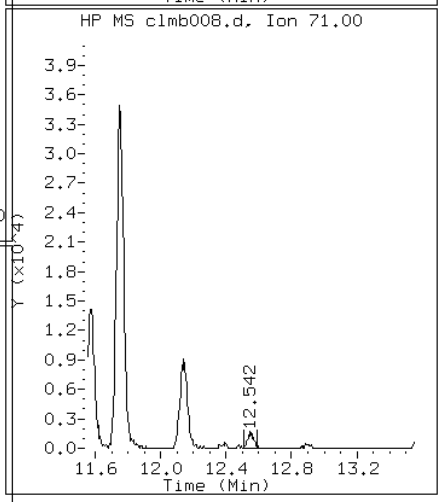
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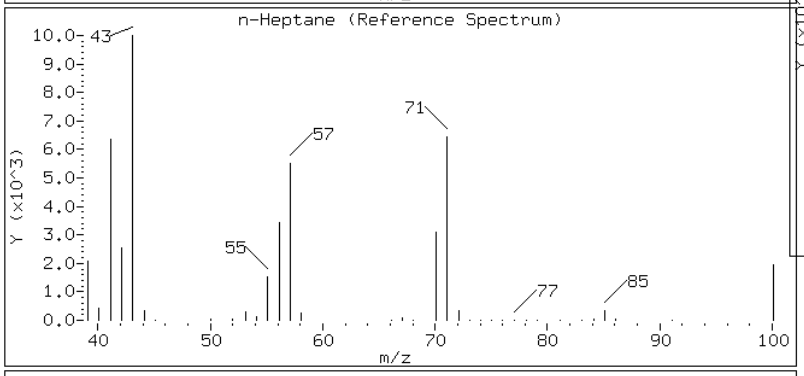
46 n-Heptane

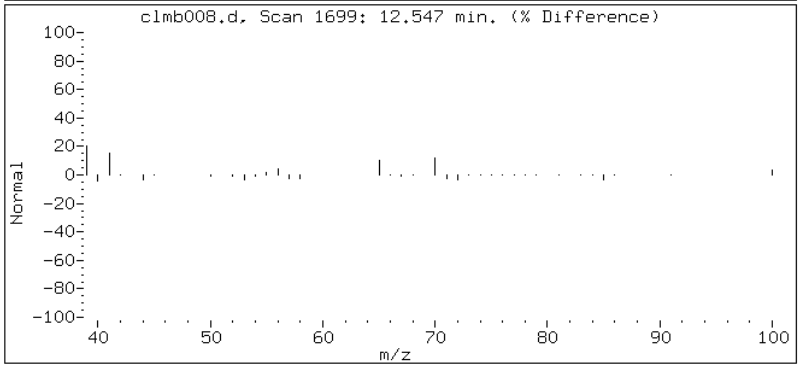












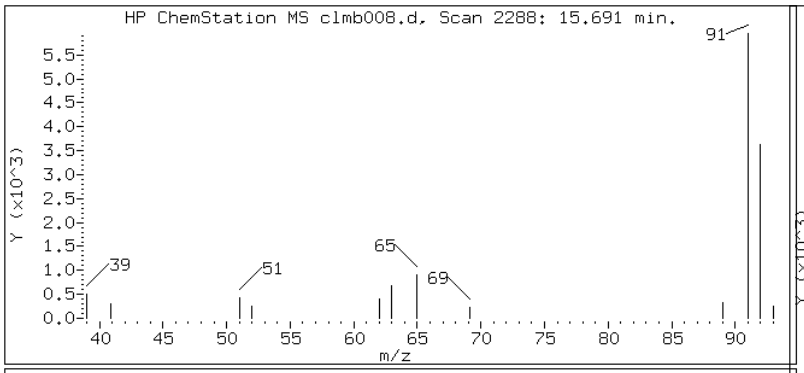
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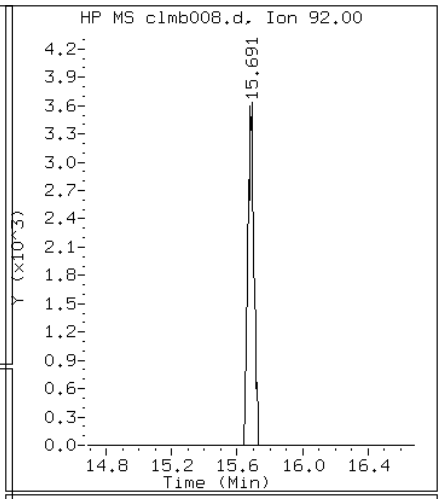
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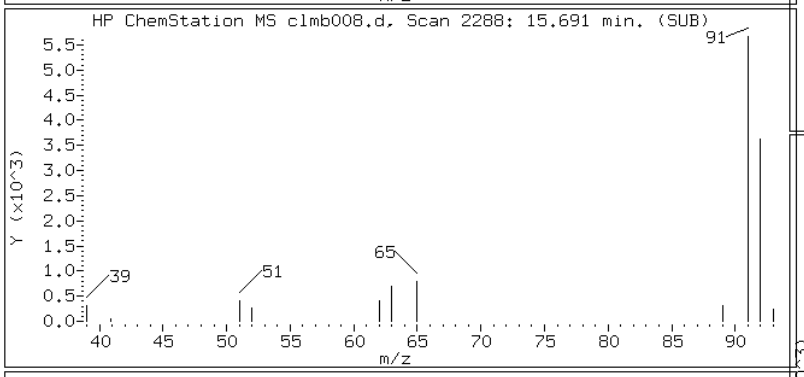
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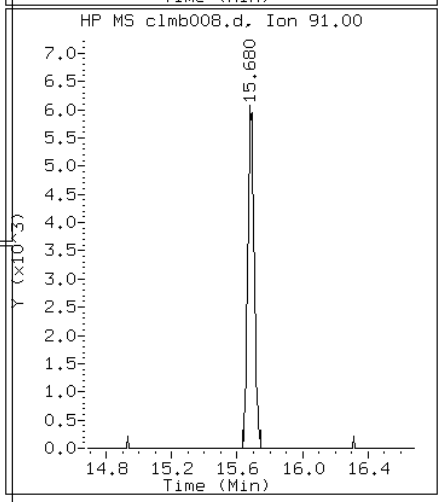
Sample Info: 280-39902-A-5 Operator: wrd

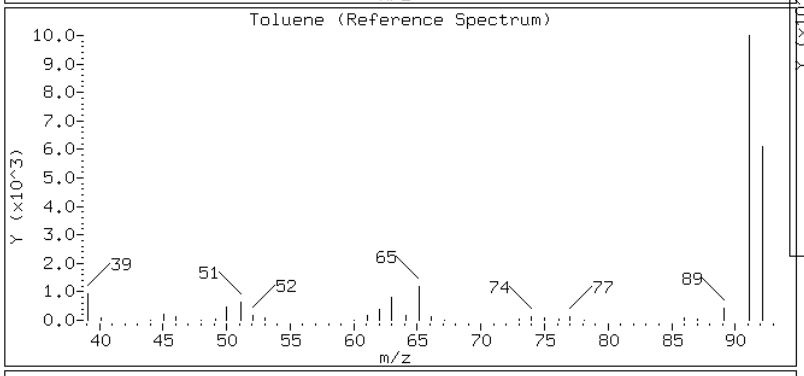
58 Toluene

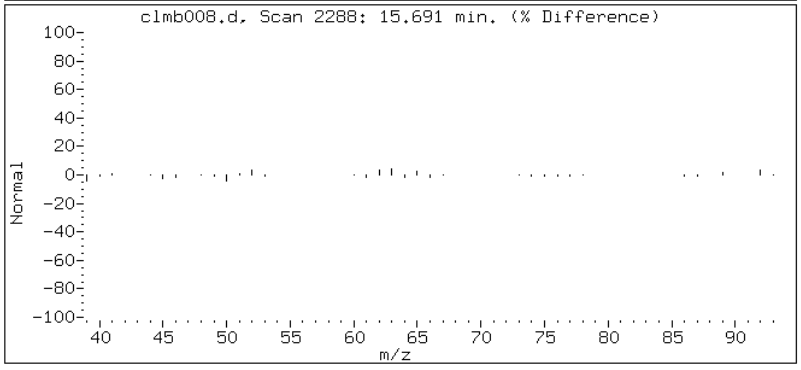












Manual Integration Report

Data File: clmb008.d
Lab Sample ID: 280-39902-5
Inj. Date and Time: 01-APR-2013 15:02
Instrument ID: C.i
Client ID: 785IA08
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 04/02/2013

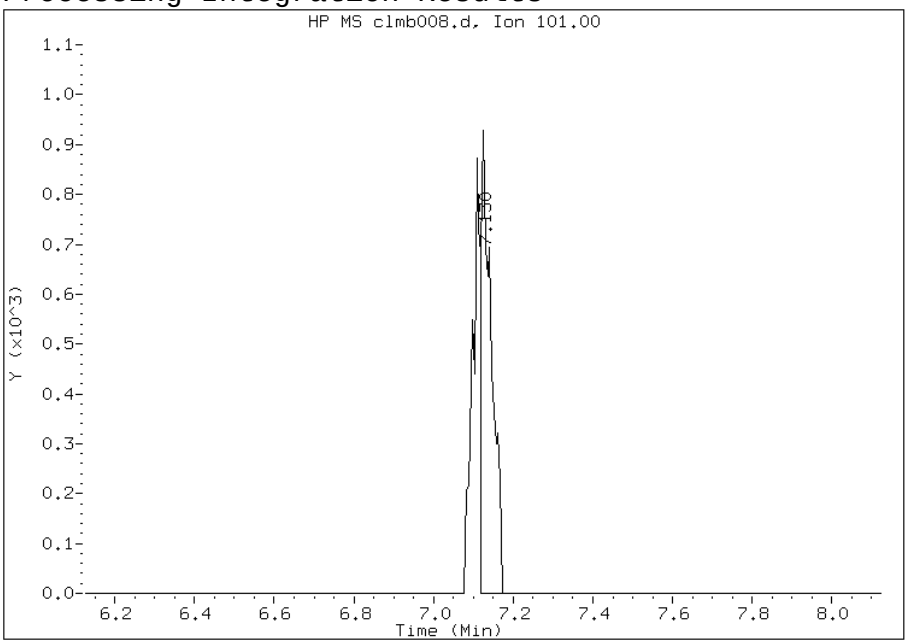
Processing Integration Results

RT: 7.13

Response: 1694

Amount: 0.054798

Conc: 0.054798



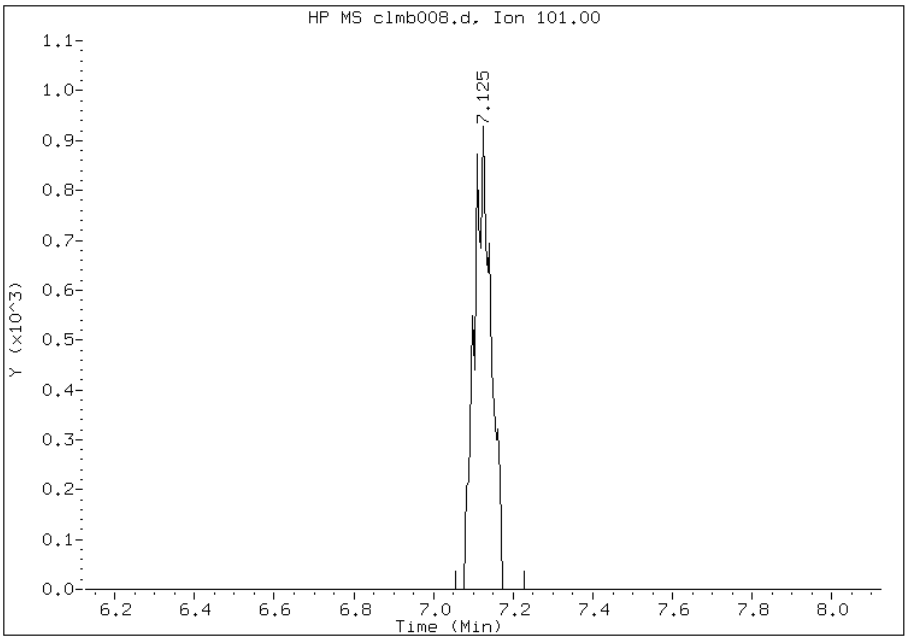
Manual Integration Results

RT: 7.12

Response: 2761

Amount: 0.089270

Conc: 0.089270



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

Manual Integration Report

Data File: clmb008.d
Lab Sample ID: 280-39902-5
Inj. Date and Time: 01-APR-2013 15:02
Instrument ID: C.i
Client ID: 785IA08
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 04/02/2013

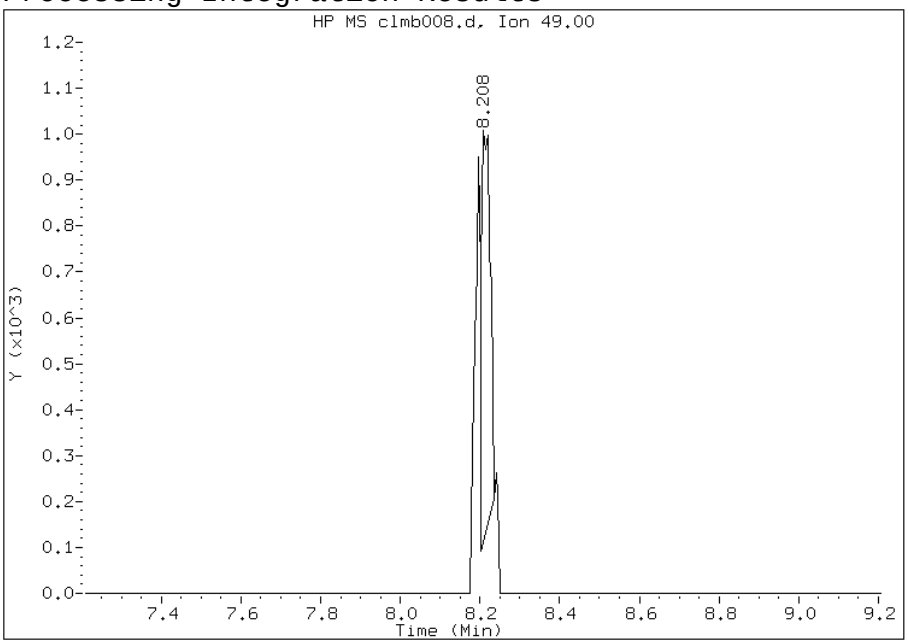
Processing Integration Results

RT: 8.21

Response: 1364

Amount: 0.101399

Conc: 0.101399



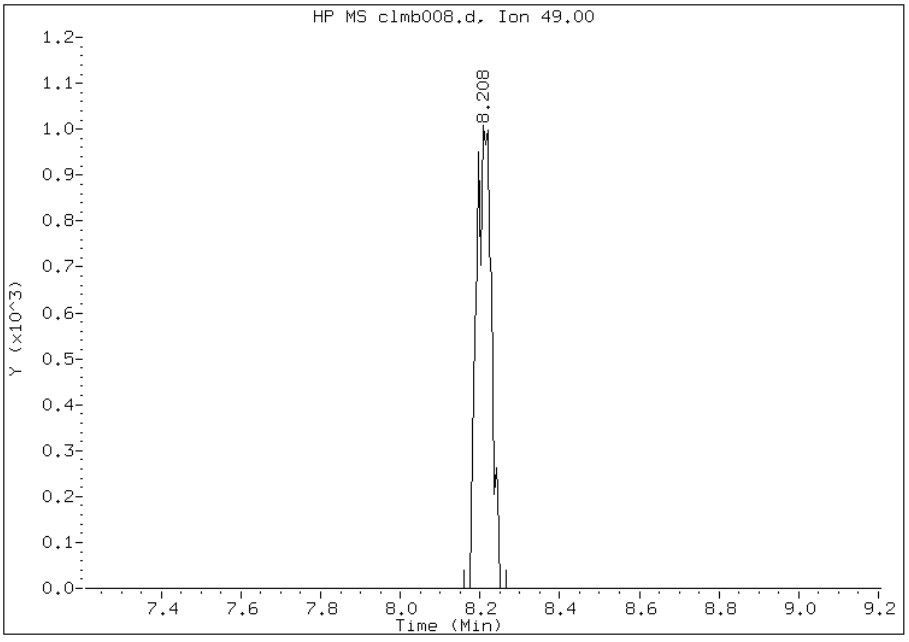
Manual Integration Results

RT: 8.21

Response: 2656

Amount: 0.197445

Conc: 0.197445



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb008.d
Lab Sample ID: 280-39902-5
Inj. Date and Time: 01-APR-2013 15:02
Instrument ID: C.i
Client ID: 785IA08
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 04/02/2013

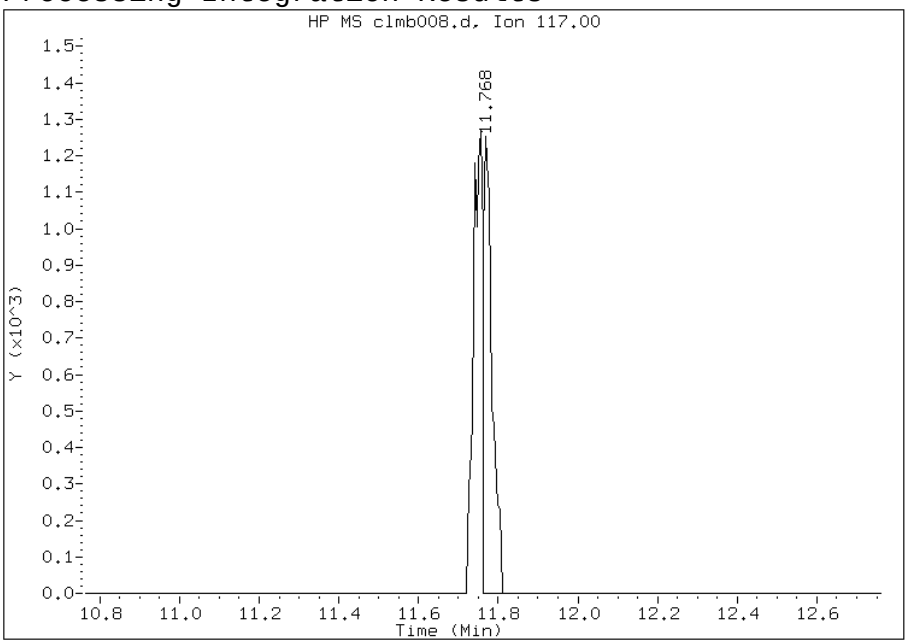
Processing Integration Results

RT: 11.77

Response: 1989

Amount: 0.041292

Conc: 0.041292



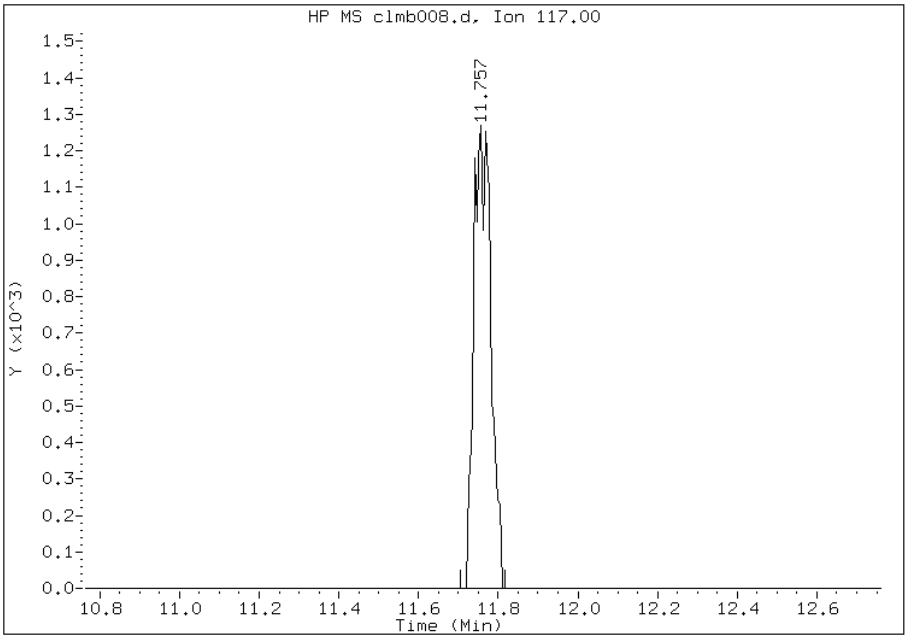
Manual Integration Results

RT: 11.76

Response: 3822

Amount: 0.079346

Conc: 0.079346



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.: 280-39902-1

SDG No.:

Client Sample ID: 785786OA05 Lab Sample ID: 280-39902-6

Matrix: Air Lab File ID: clmb009.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.55		0.50	0.020
75-45-6	Freon 22	86.47	0.26	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.67		0.50	0.034
106-97-8	n-Butane	58.12	0.60		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25	M	0.20	0.021
76-13-1	Freon TF	187.38	0.080	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	1.7	J	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.20	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.080	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.080	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.086	J M	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.24		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785786OA05 Lab Sample ID: 280-39902-6

Matrix: Air Lab File ID: clmb009.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.15	J	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785786OA05 Lab Sample ID: 280-39902-6

Matrix: Air Lab File ID: clmb009.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785786OA05 Lab Sample ID: 280-39902-6

Matrix: Air Lab File ID: clmb009.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.099
75-45-6	Freon 22	86.47	0.92	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.4		1.0	0.070
106-97-8	n-Butane	58.12	1.4		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4	M	1.1	0.12
76-13-1	Freon TF	187.38	0.61	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	4.0	J	12	0.95
67-63-0	Isopropyl alcohol	60.10	0.49	U	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.28	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	0.24	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.54	J M	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.78		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785786OA05 Lab Sample ID: 280-39902-6

Matrix: Air Lab File ID: clmb009.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.55	J	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785786OA05 Lab Sample ID: 280-39902-6

Matrix: Air Lab File ID: clmb009.d

Analysis Method: TO-15 Date Collected: 03/06/2013 07:30

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 15:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-6
Client Smp ID: 785786OA05
Inj Date : 01-APR-2013 15:55
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-6
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.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)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.334)	34849	0.54890	0.55
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	7395	0.26098	0.26(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.141	4.136	(0.374)	7999	0.67146	0.67
6 Butane	43	4.376	4.376	(0.395)	11121	0.59606	0.60
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.009	5.999	(0.543)	14388	0.25311	0.25(M)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.349	7.333	(0.664)	24593	1.66572	1.7(aQ)
21 Carbon disulfide	76	Compound Not Detected.					

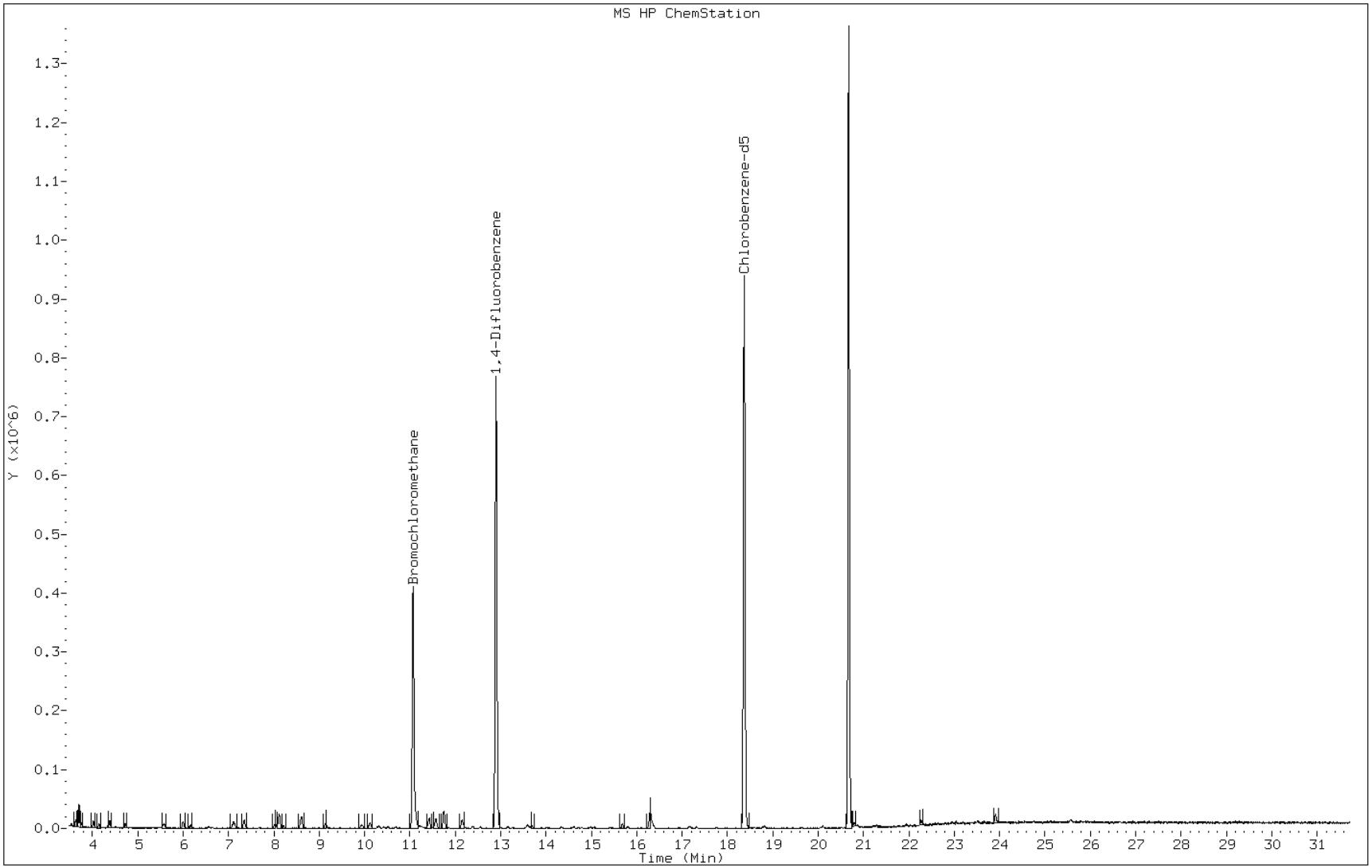
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	161745	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	11.768	11.763	(0.912)	4390	0.08599	0.086(aM)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	12.152	12.152	(0.942)	11931	0.24470	0.24
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	876311	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.680	15.685	(0.854)	5451	0.14697	0.15(a)
	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	18.370	18.375	(1.000)	822871	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb009.d	Date:	01-APR-2013 15:55
Client ID:	785786OA05	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-6		
Lab Sample ID:	280-39902-6		



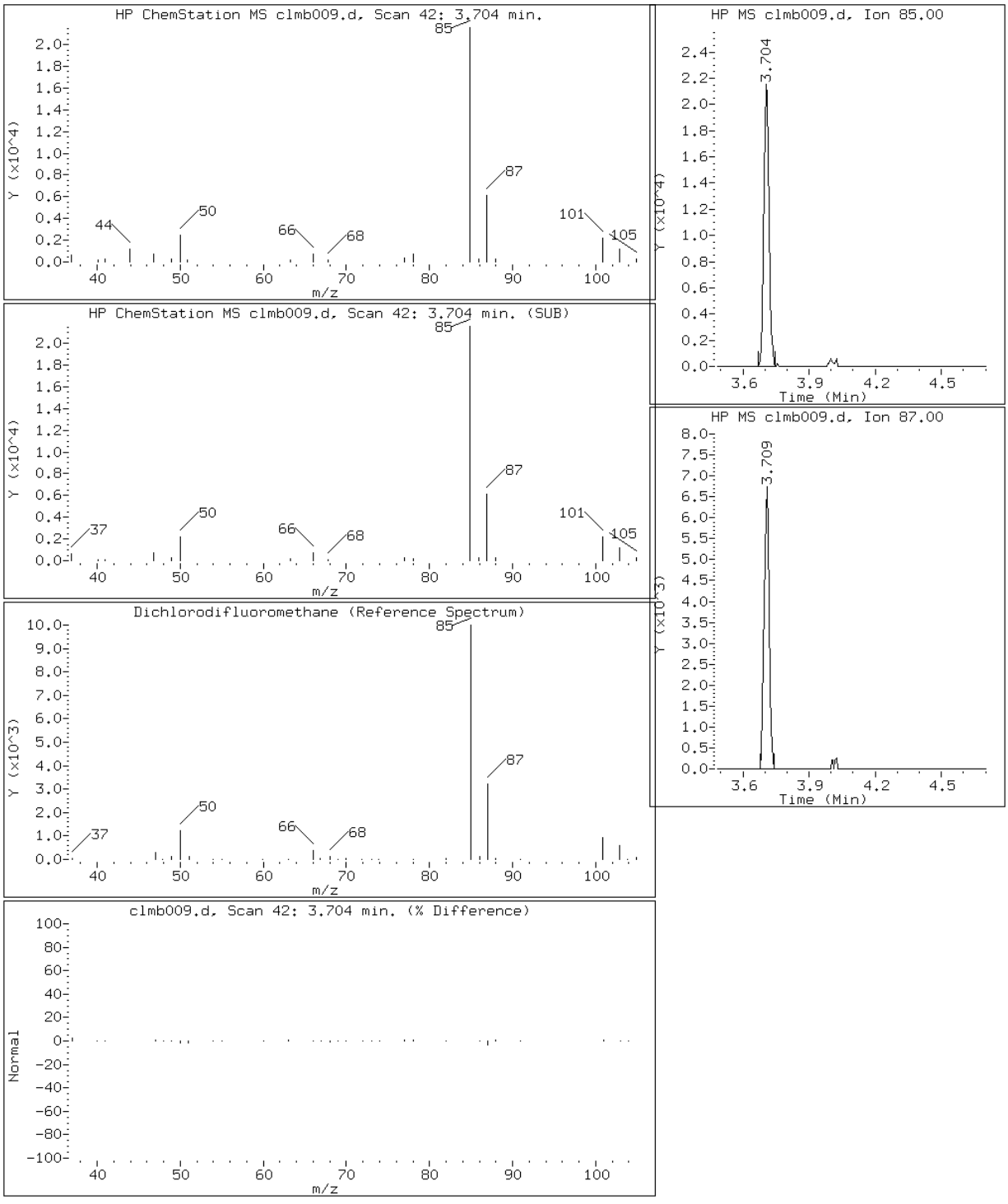
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

2 Dichlorodifluoromethane



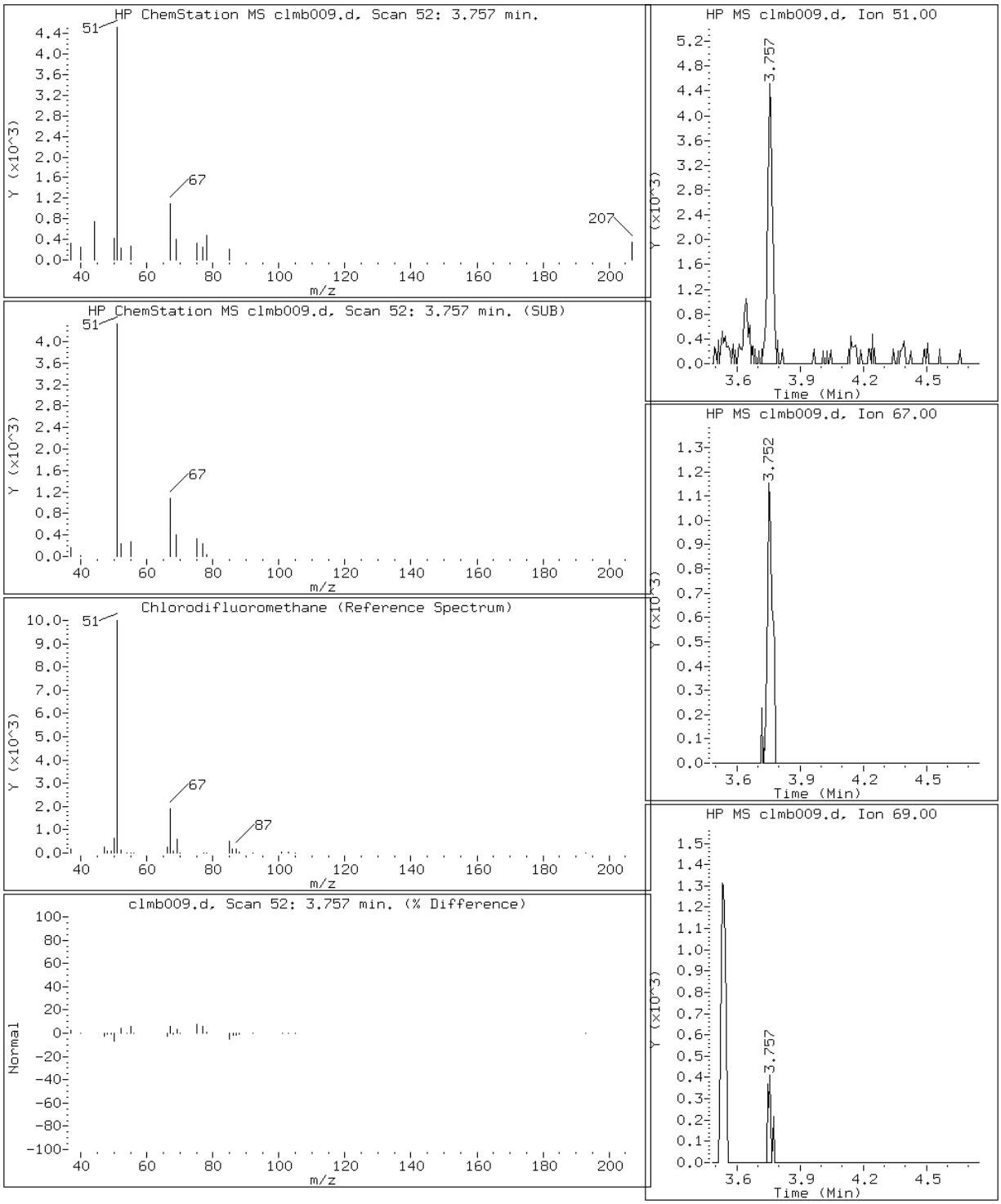
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

3 Chlorodifluoromethane



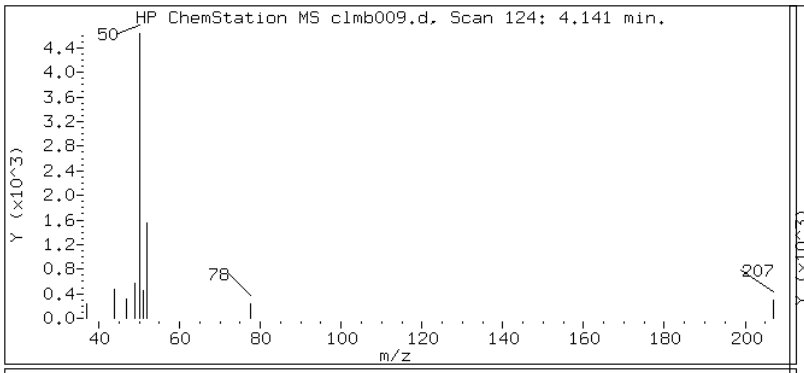
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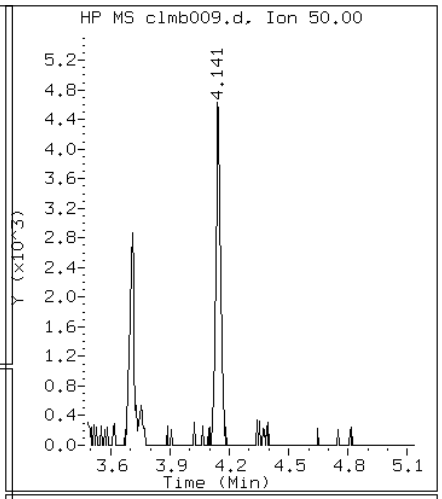
Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

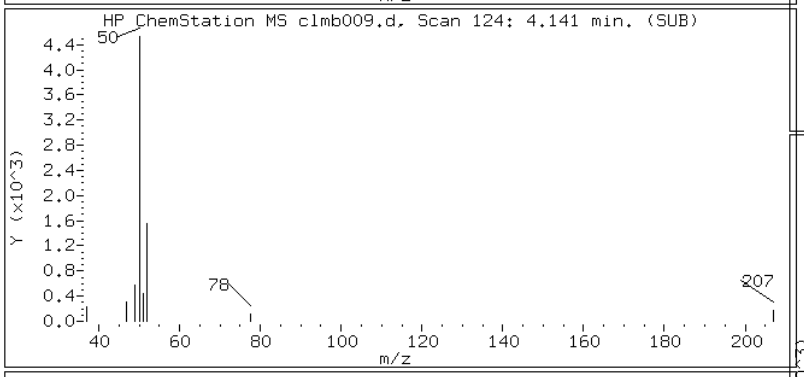
Client ID: 785786OA05 Instrument: C.i

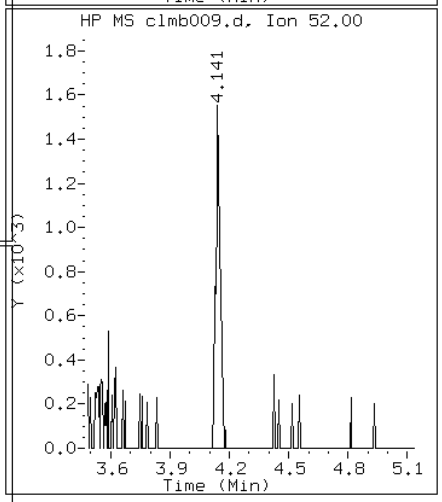
Sample Info: 280-39902-A-6 Operator: wrd

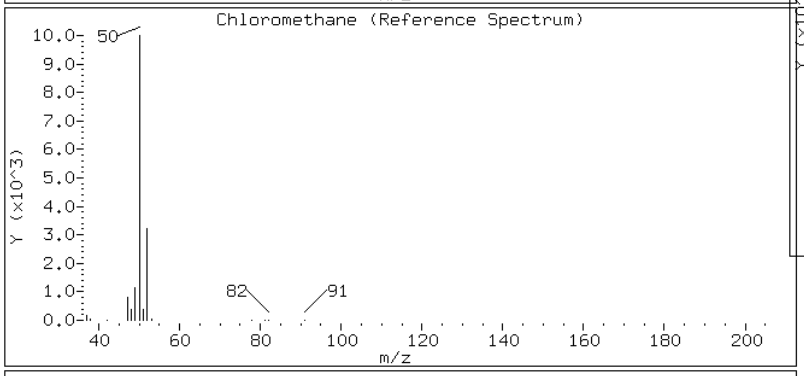
5 Chloromethane

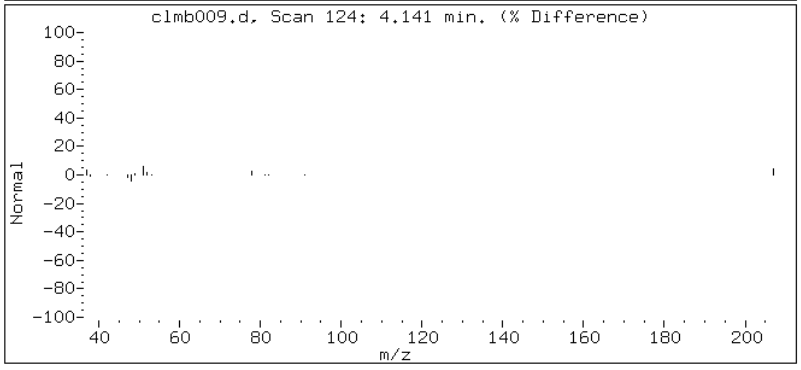












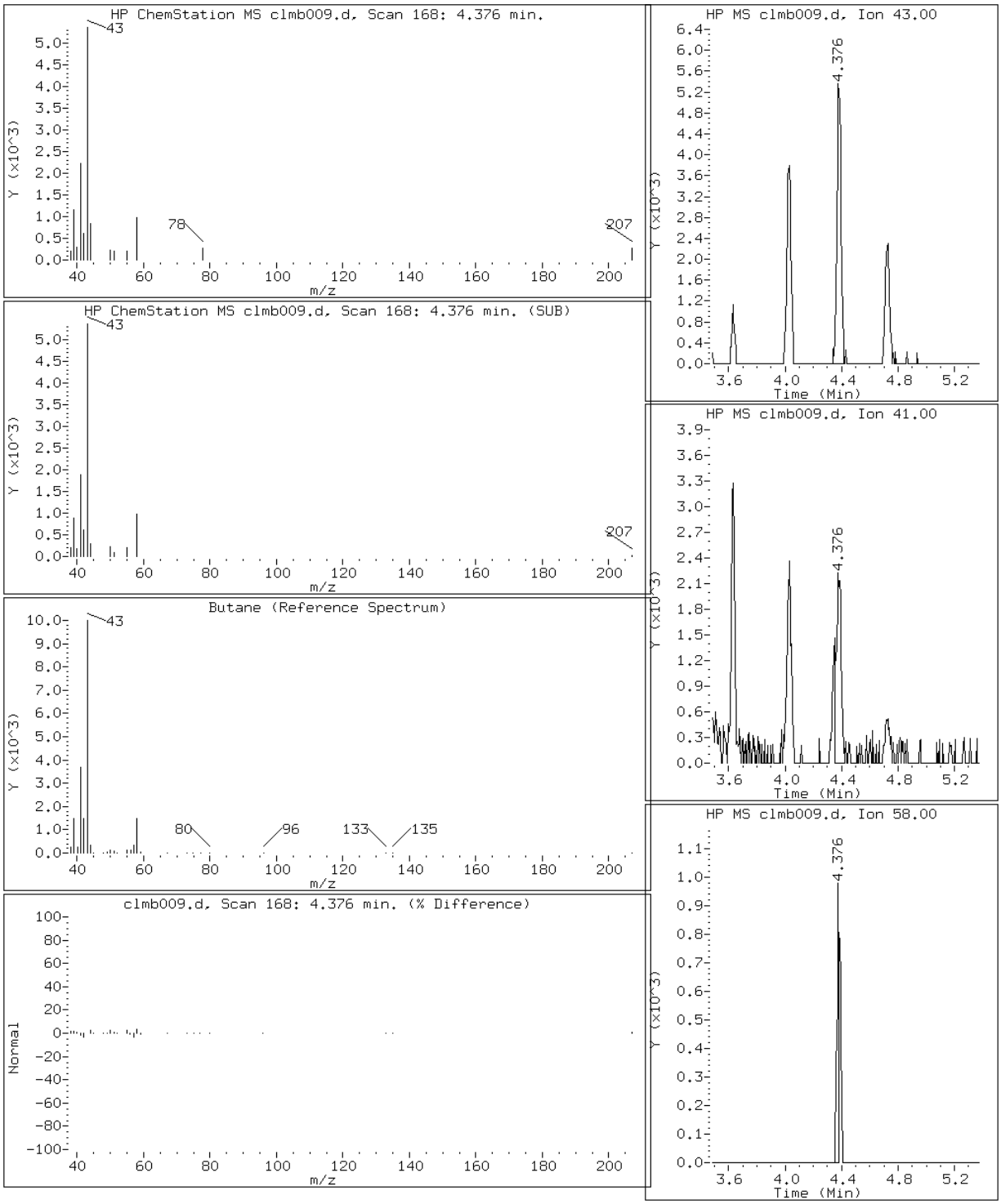
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

6 Butane



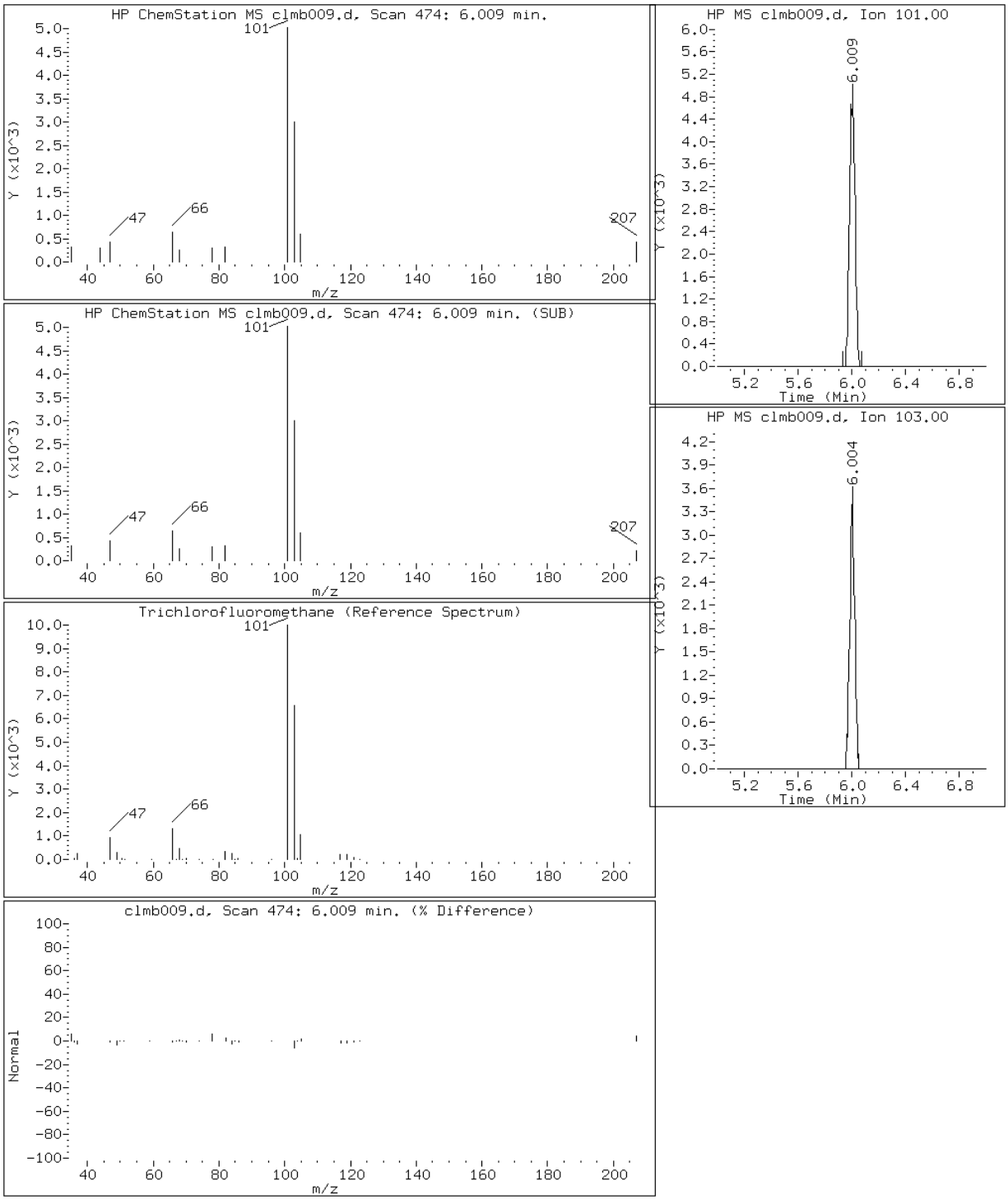
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

13 Trichlorofluoromethane



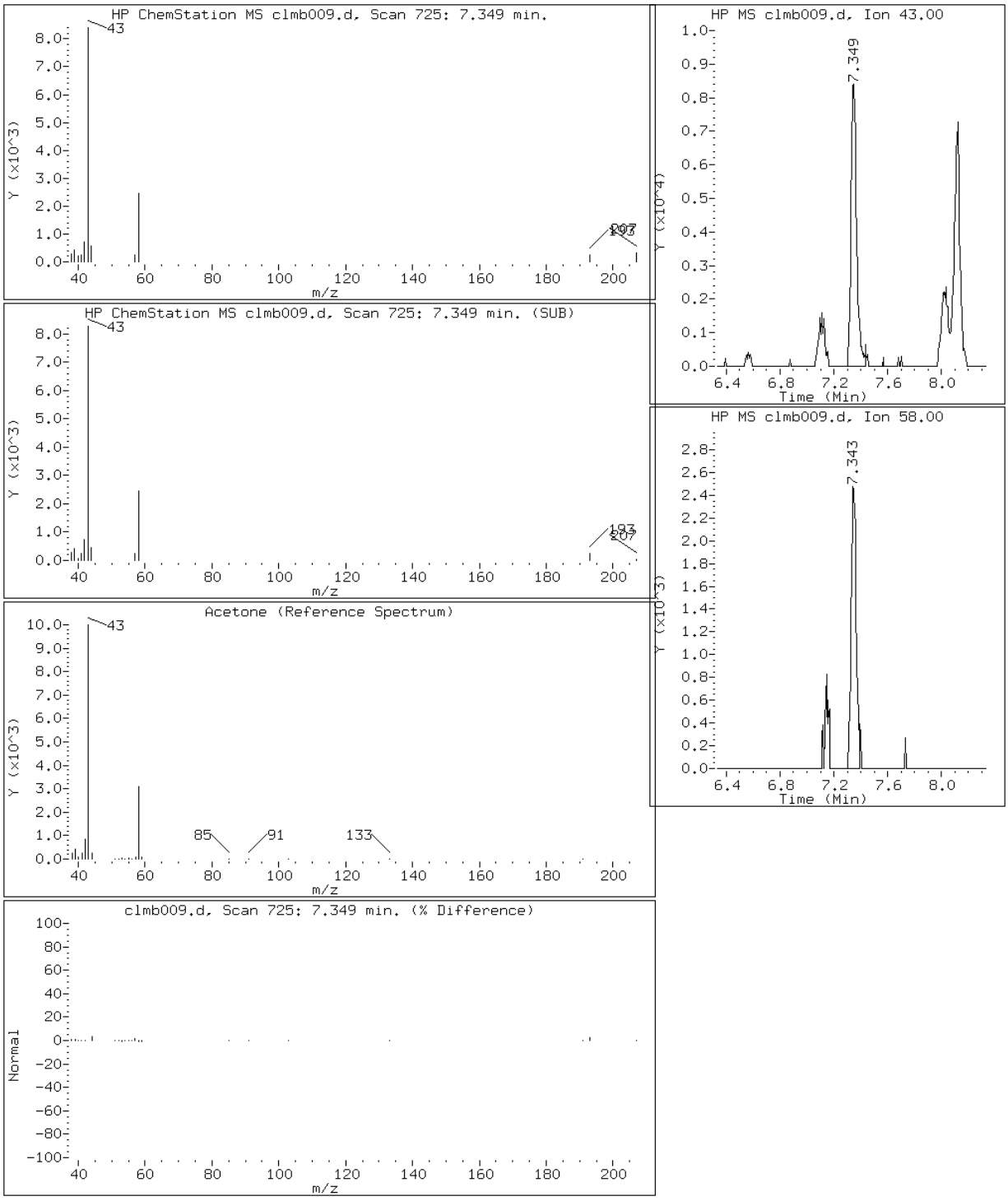
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

20 Acetone



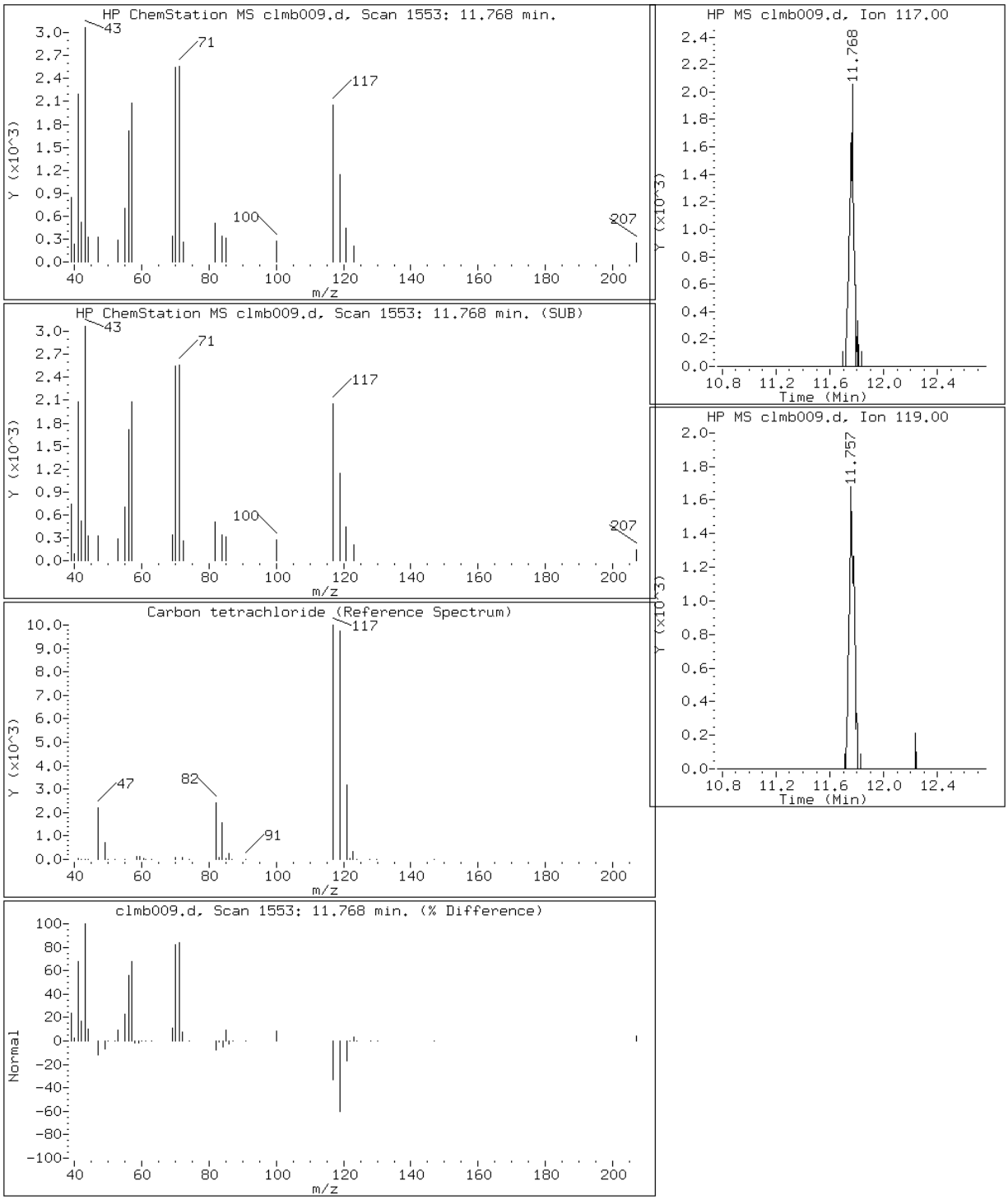
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

42 Carbon tetrachloride



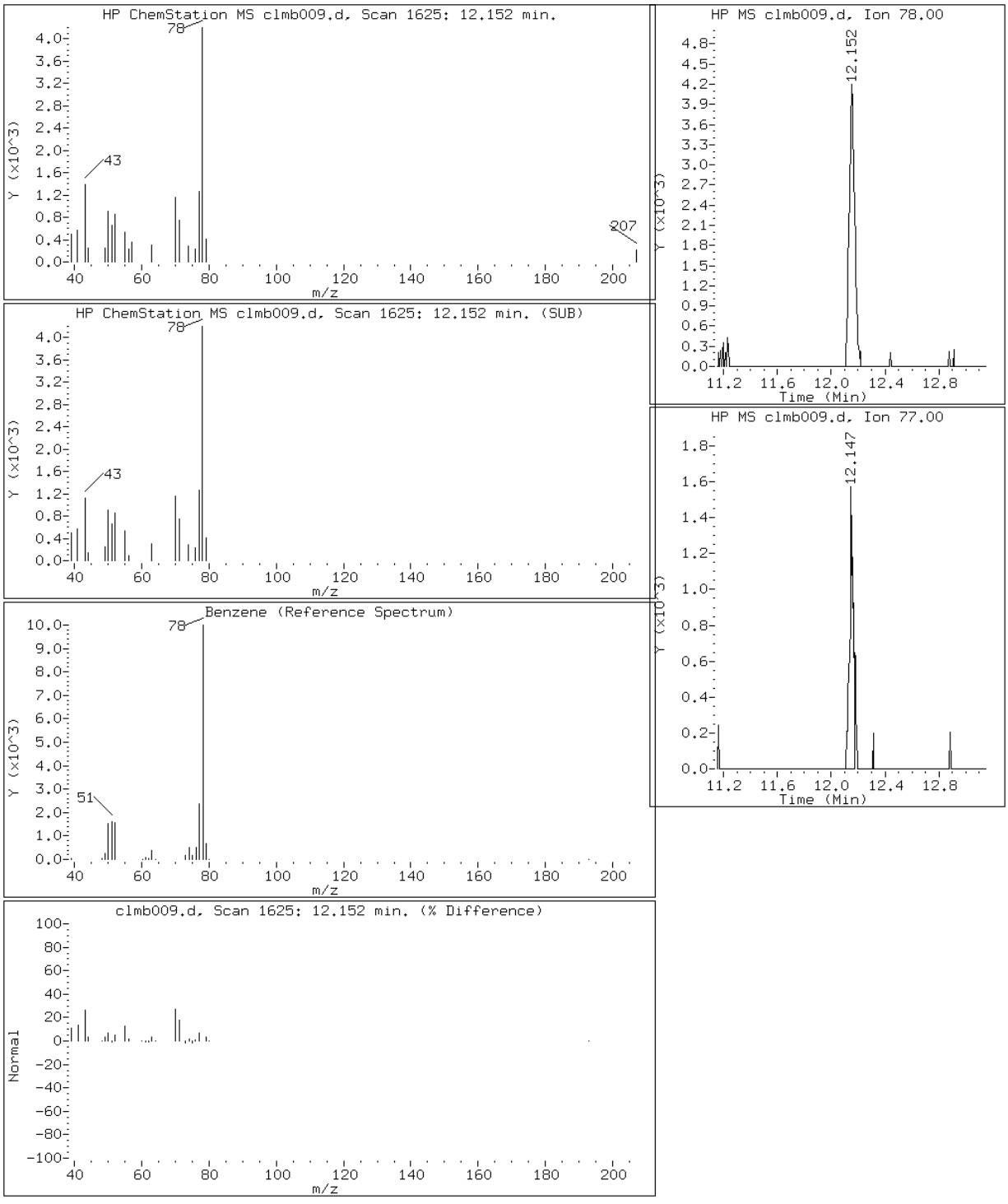
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

44 Benzene



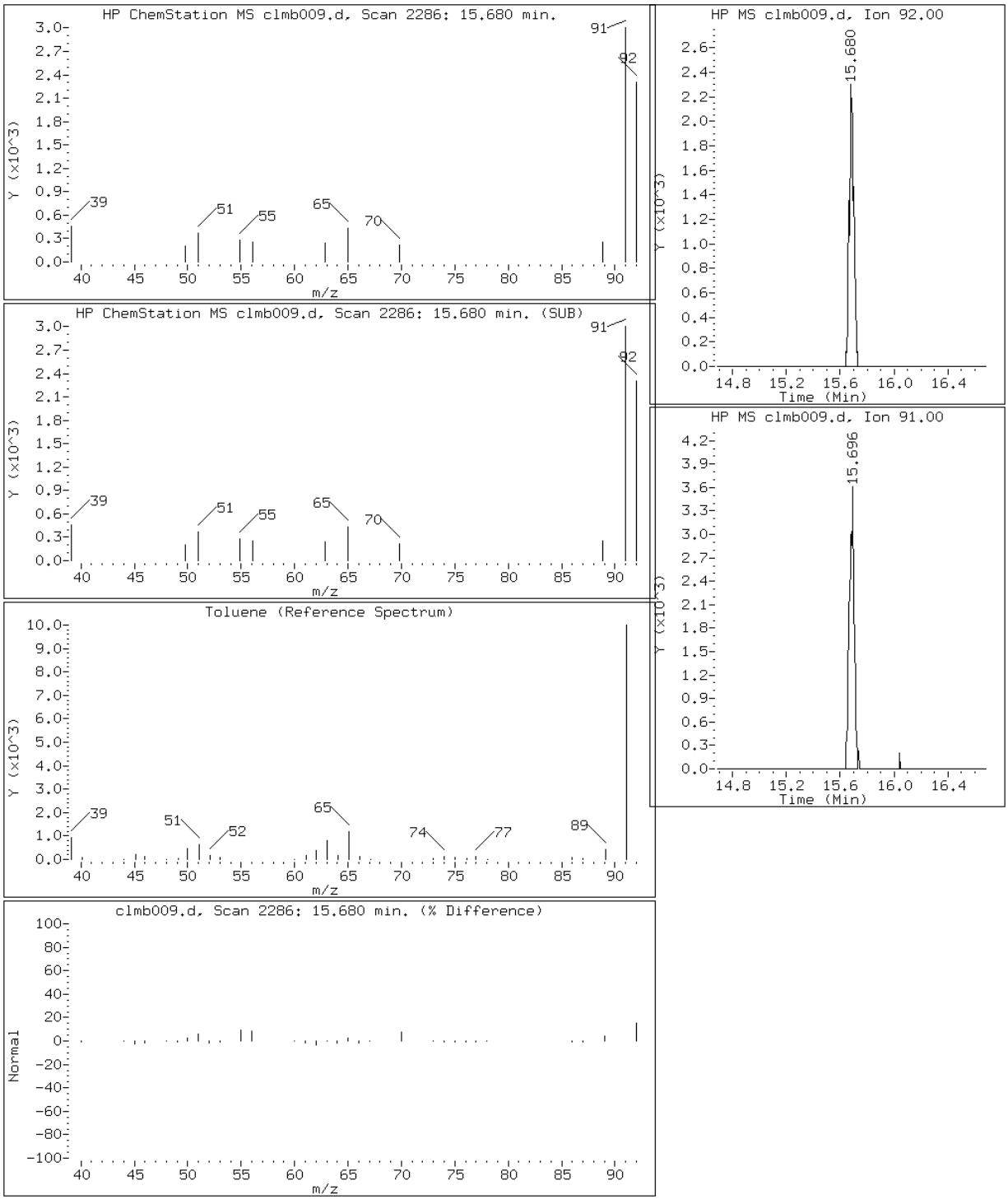
Data File: clmb009.d

Lab Sample ID: 280-39902-6 Date: 01-APR-2013 15:55

Client ID: 785786OA05 Instrument: C.i

Sample Info: 280-39902-A-6 Operator: wrd

58 Toluene



Manual Integration Report

Data File: clmb009.d
Lab Sample ID: 280-39902-6
Inj. Date and Time: 01-APR-2013 15:55
Instrument ID: C.i
Client ID: 785786OA05
Compound: 13 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 04/02/2013

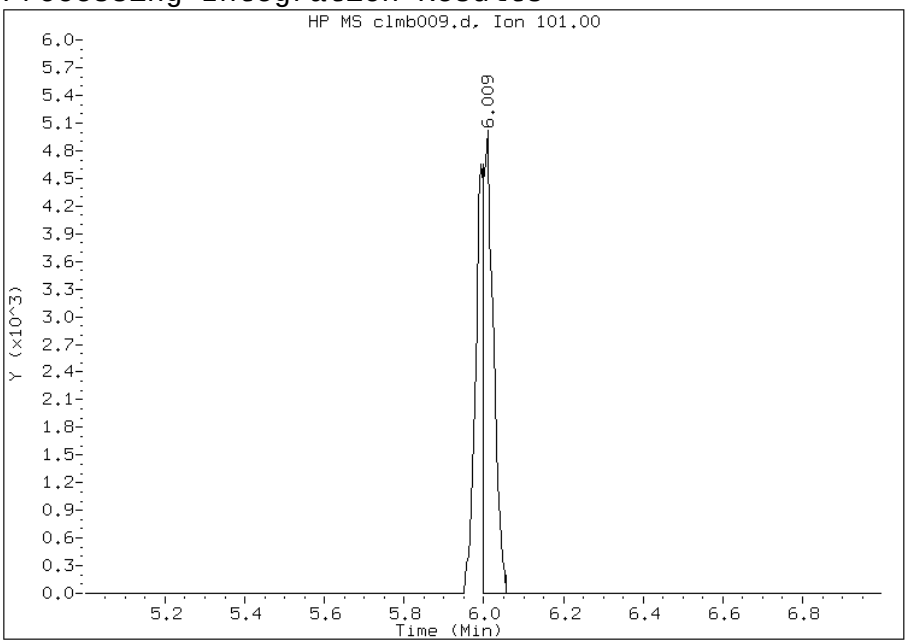
Processing Integration Results

RT: 6.01

Response: 9080

Amount: 0.159742

Conc: 0.159742



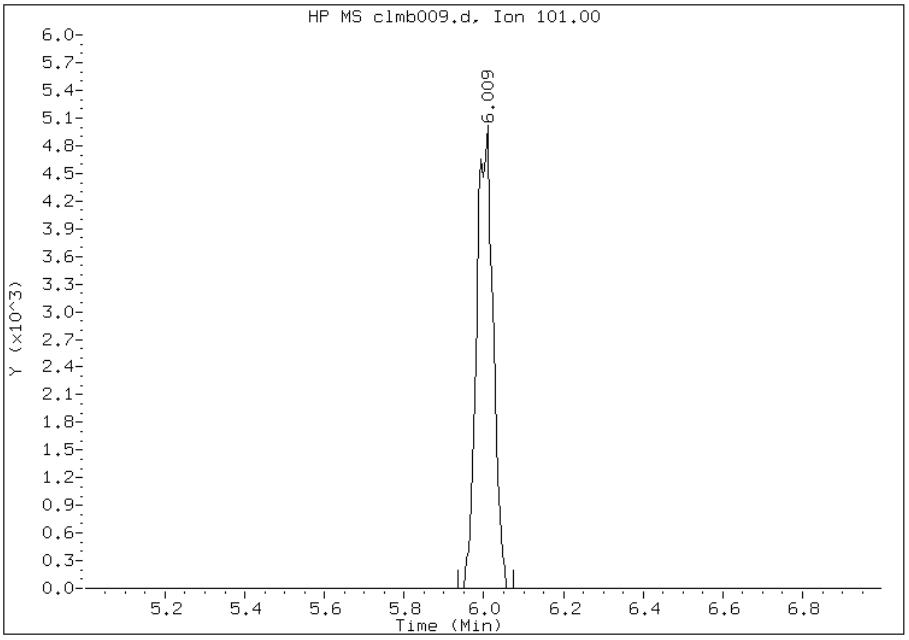
Manual Integration Results

RT: 6.01

Response: 14388

Amount: 0.253114

Conc: 0.253114



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb009.d
Lab Sample ID: 280-39902-6
Inj. Date and Time: 01-APR-2013 15:55
Instrument ID: C.i
Client ID: 785786OA05
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 04/02/2013

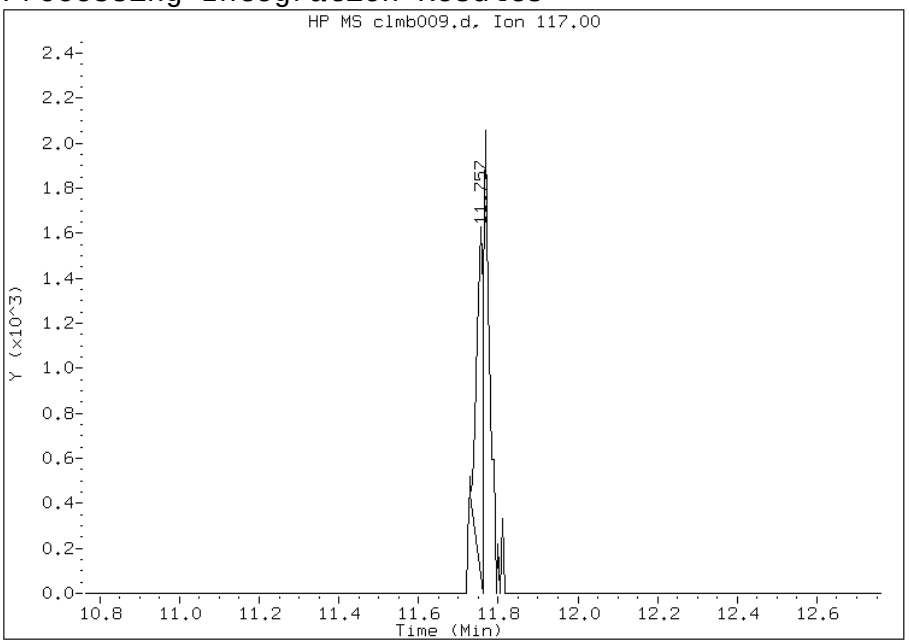
Processing Integration Results

RT: 11.76

Response: 1787

Amount: 0.035003

Conc: 0.035003



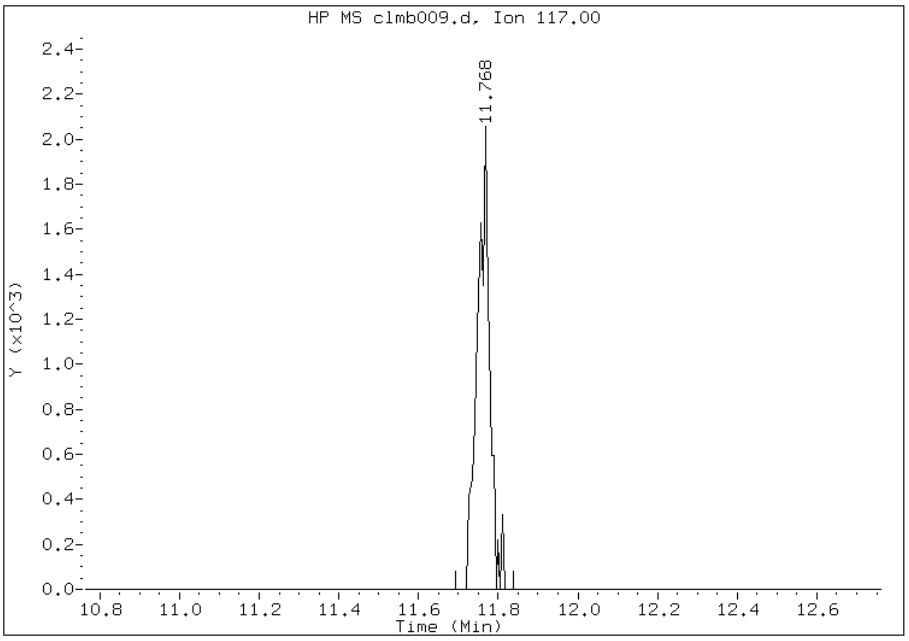
Manual Integration Results

RT: 11.77

Response: 4390

Amount: 0.085990

Conc: 0.085990



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.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA Lab Sample ID: 280-39902-7

Matrix: Air Lab File ID: clmb013.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.46	J	0.50	0.020
75-45-6	Freon 22	86.47	0.23	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.10	J	0.50	0.034
106-97-8	n-Butane	58.12	0.22	J M	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.021
76-13-1	Freon TF	187.38	0.079	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	1.9	J	5.0	0.40
67-63-0	*Isopropyl alcohol*	*60.10*	*140*	*J*	*5.0*	*0.076*
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.080	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.8		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	2.2		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	2.0		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.070	J M	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.2		0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA Lab Sample ID: 280-39902-7

Matrix: Air Lab File ID: clmb013.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.83		0.20	0.017
79-01-6	Trichloroethene	131.39	0.13	J	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	2.0		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.086	J M	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.41		0.20	0.015
179601-23-1	m,p-Xylene	106.17	1.6		0.50	0.022
95-47-6	Xylene, o-	106.17	0.56	M	0.20	0.016
1330-20-7	Xylene (total)	106.17	2.1		0.20	0.016
100-42-5	Styrene	104.15	0.087	J	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.13	J	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.095	J	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.32		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	6.1		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA Lab Sample ID: 280-39902-7

Matrix: Air Lab File ID: clmb013.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA Lab Sample ID: 280-39902-7

Matrix: Air Lab File ID: clmb013.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.099
75-45-6	Freon 22	86.47	0.81	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.21	J	1.0	0.070
106-97-8	n-Butane	58.12	0.52	J M	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.12
76-13-1	Freon TF	187.38	0.61	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	4.5	J	12	0.95
67-63-0	*Isopropyl alcohol*	*60.10*	*340*	*J*	*12*	*0.19*
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.28	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	9.8		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	6.3		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	6.8		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.44	J M	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	5.8		0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA Lab Sample ID: 280-39902-7

Matrix: Air Lab File ID: clmb013.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	3.4		0.82	0.070
79-01-6	Trichloroethene	131.39	0.68	J	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	7.5		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.58	J M	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	1.8		0.87	0.065
179601-23-1	m,p-Xylene	106.17	6.8		2.2	0.096
95-47-6	Xylene, o-	106.17	2.4	M	0.87	0.069
1330-20-7	Xylene (total)	106.17	9.3		0.87	0.069
100-42-5	Styrene	104.15	0.37	J	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.65	J	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.46	J	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	1.6		0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	37		1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA Lab Sample ID: 280-39902-7

Matrix: Air Lab File ID: clmb013.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-7
Client Smp ID: 785VMP0202IA
Inj Date : 01-APR-2013 19:26
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-7
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	38448	0.46281	0.46(a)
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	8511	0.22955	0.23(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.147	4.136	(0.375)	1595	0.10232	0.10(aQ)
6 Butane	43	4.387	4.376	(0.396)	5369	0.21992	0.22(aM)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	17483	0.23505	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.120	7.125	(0.643)	3404	0.07897	0.079(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.333	7.333	(0.662)	36774	1.90352	1.9(aQ)
21 Carbon disulfide	76	Compound Not Detected.					

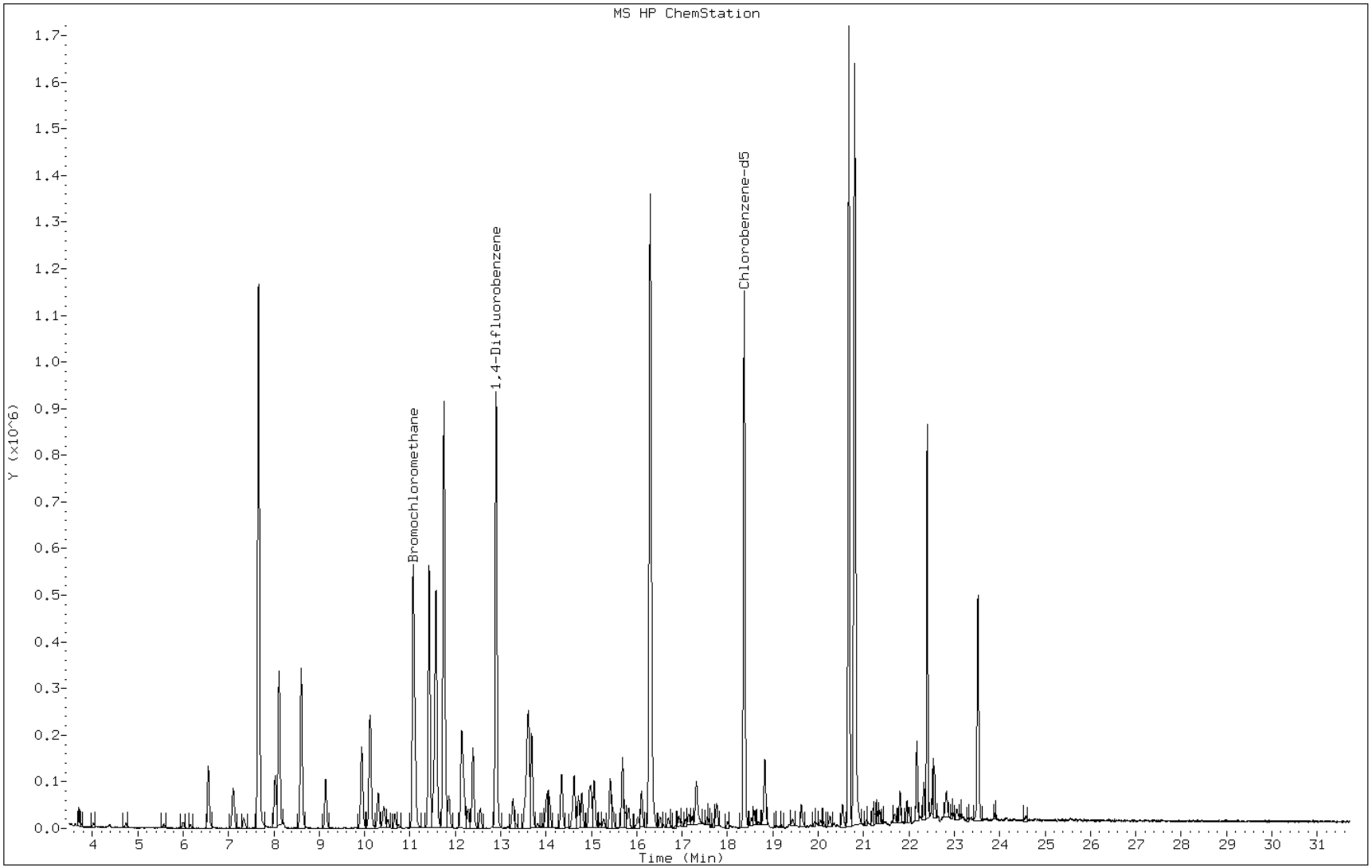
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	7.659	7.658	(0.692)	2141486	140.147	140(A)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.137	9.142	(0.825)	76048	2.77918	2.8
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.669	10.668	(0.964)	17373	2.15089	2.2(Q)
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	211643	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.523	11.522	(0.893)	56469	1.98659	2.0(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.752	11.763	(0.911)	4568	0.06994	0.070(aM)
	43 2,2,4-Trimethylpentane	57	12.190	12.195	(0.945)	101608	1.23924	1.2(Q)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.558	12.552	(0.974)	21197	0.83083	0.83(Q)
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1121144	10.0000	
	49 Trichloroethene	95	13.342	13.342	(1.034)	4184	0.12568	0.13(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.680	15.685	(0.854)	94543	2.00305	2.0
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	16.705	16.710	(0.909)	4072	0.08562	0.086(aM)
	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	18.370	18.375	(1.000)	1047149	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.589	18.594	(1.012)	41774	0.41155	0.41
	69 Xylene (m,p)	106	18.818	18.834	(1.024)	59720	1.57133	1.6
M	70 Xylenes, Total	106				80738	2.13323	2.1
	71 Xylene (o)	106	19.635	19.629	(1.069)	21018	0.56190	0.56(M)
	72 Styrene	104	19.672	19.672	(1.071)	4701	0.08741	0.087(aQ)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	21.246	21.246	(1.157)	14524	0.13143	0.13(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	21.353	21.358	(1.162)	9342	0.09458	0.095(aQ)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	30420	0.31566	0.32(Q)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	414590	6.09201	6.1(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clmb013.d	Date:	01-APR-2013 19:26
Client ID:	785VMP0202IA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-7		
Lab Sample ID:	280-39902-7		



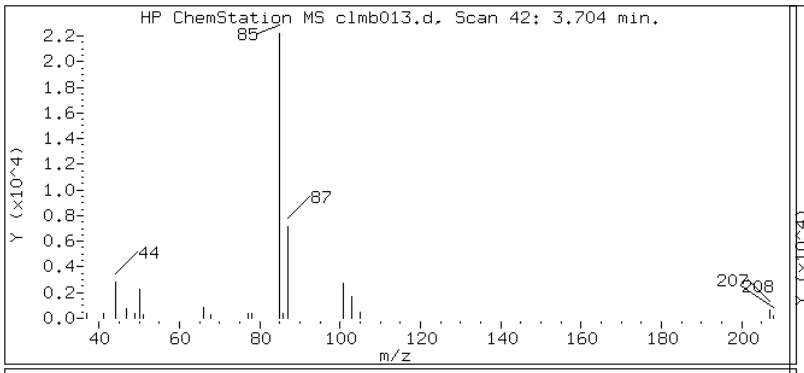
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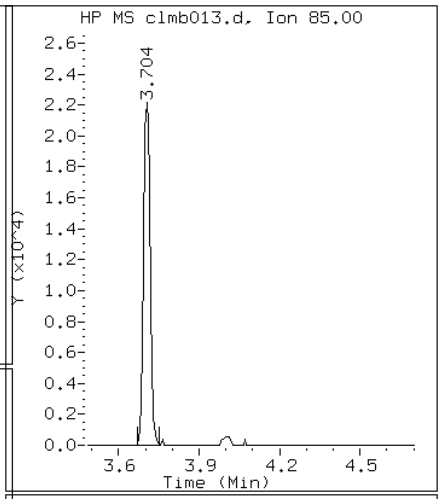
Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

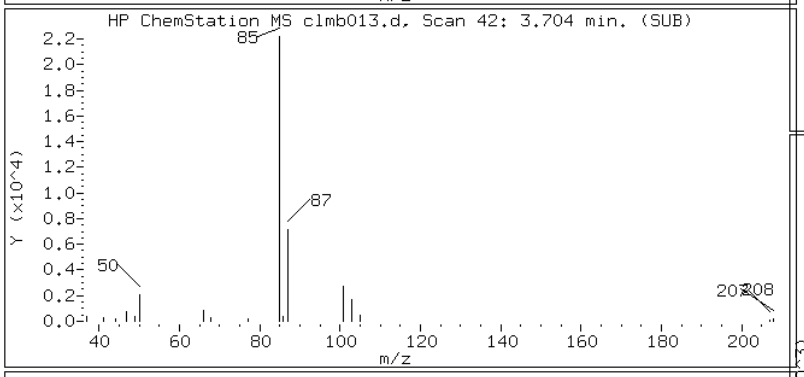
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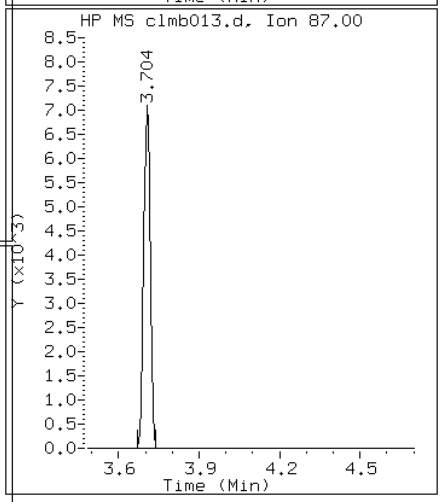
Sample Info: 280-39902-A-7 Operator: wrd

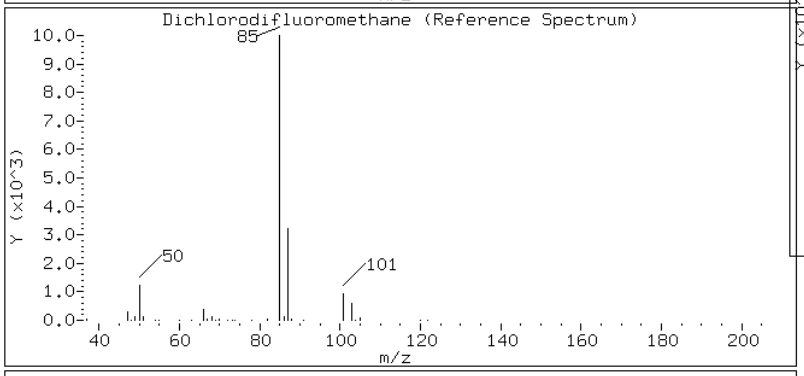
2 Dichlorodifluoromethane

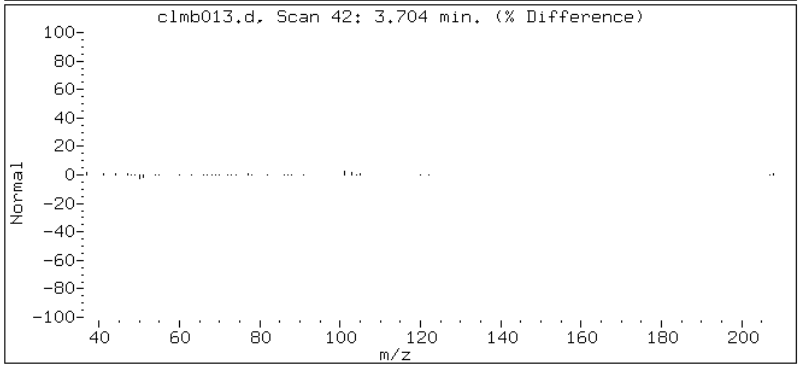












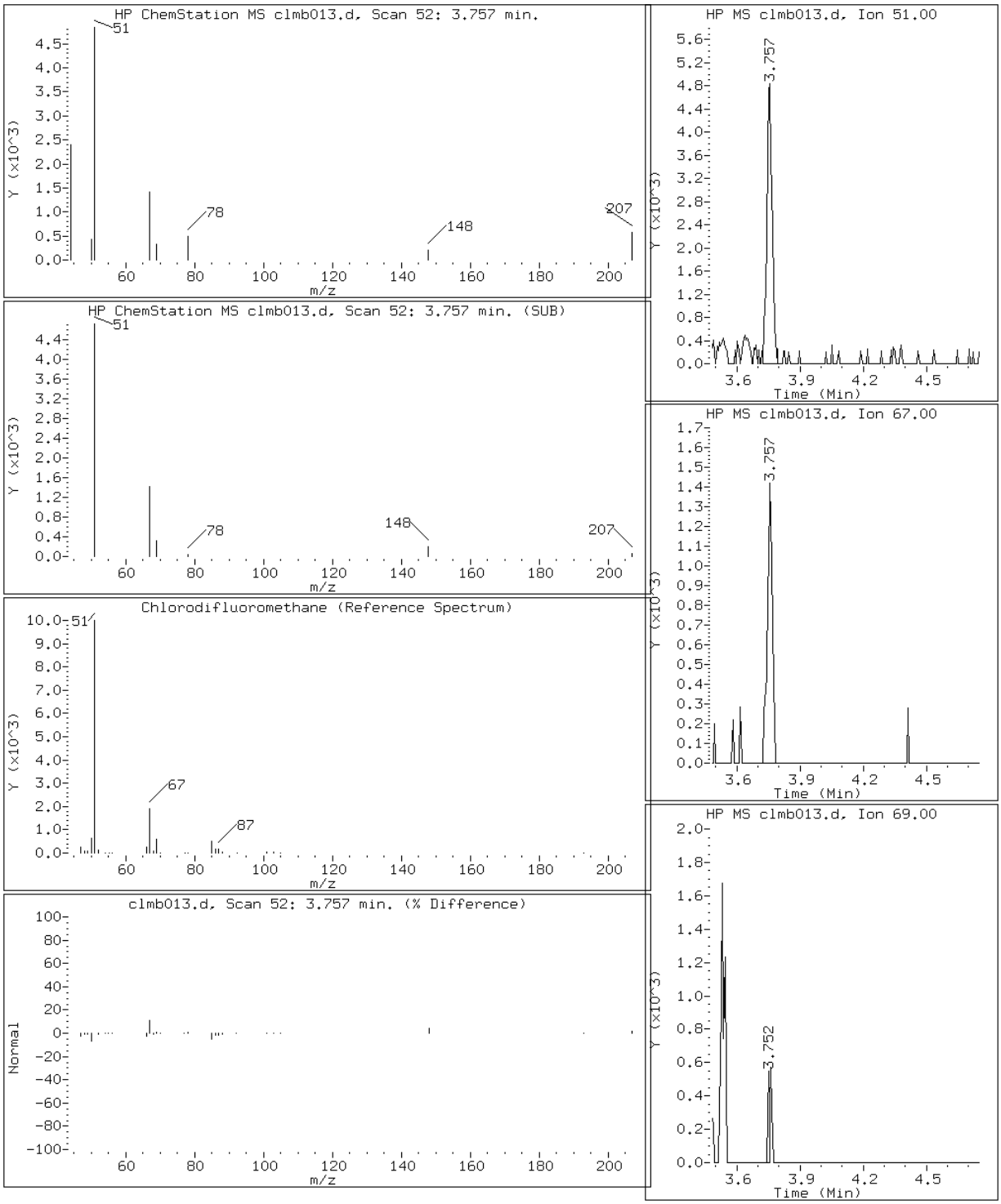
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

3 Chlorodifluoromethane



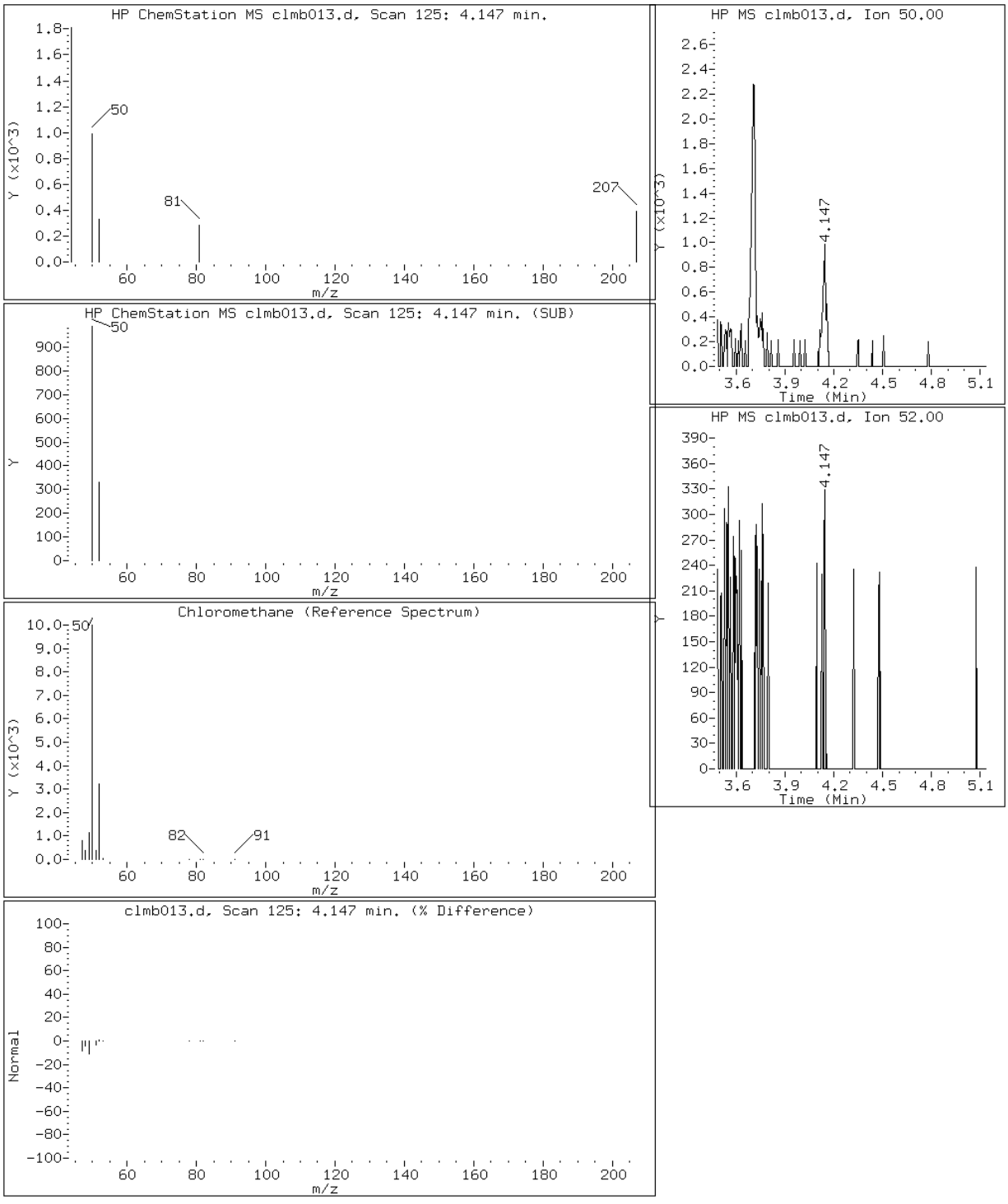
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

5 Chloromethane



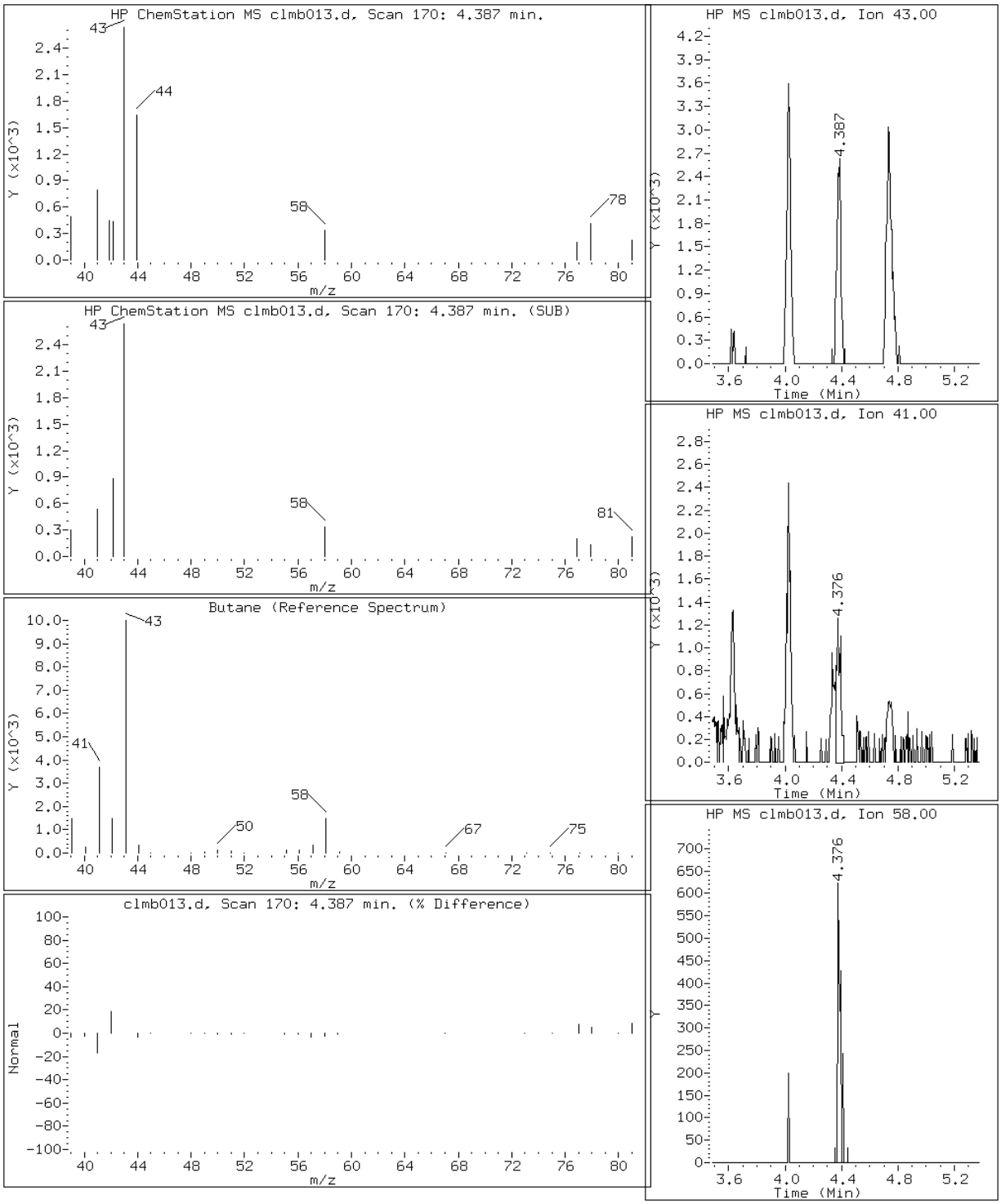
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

6 Butane



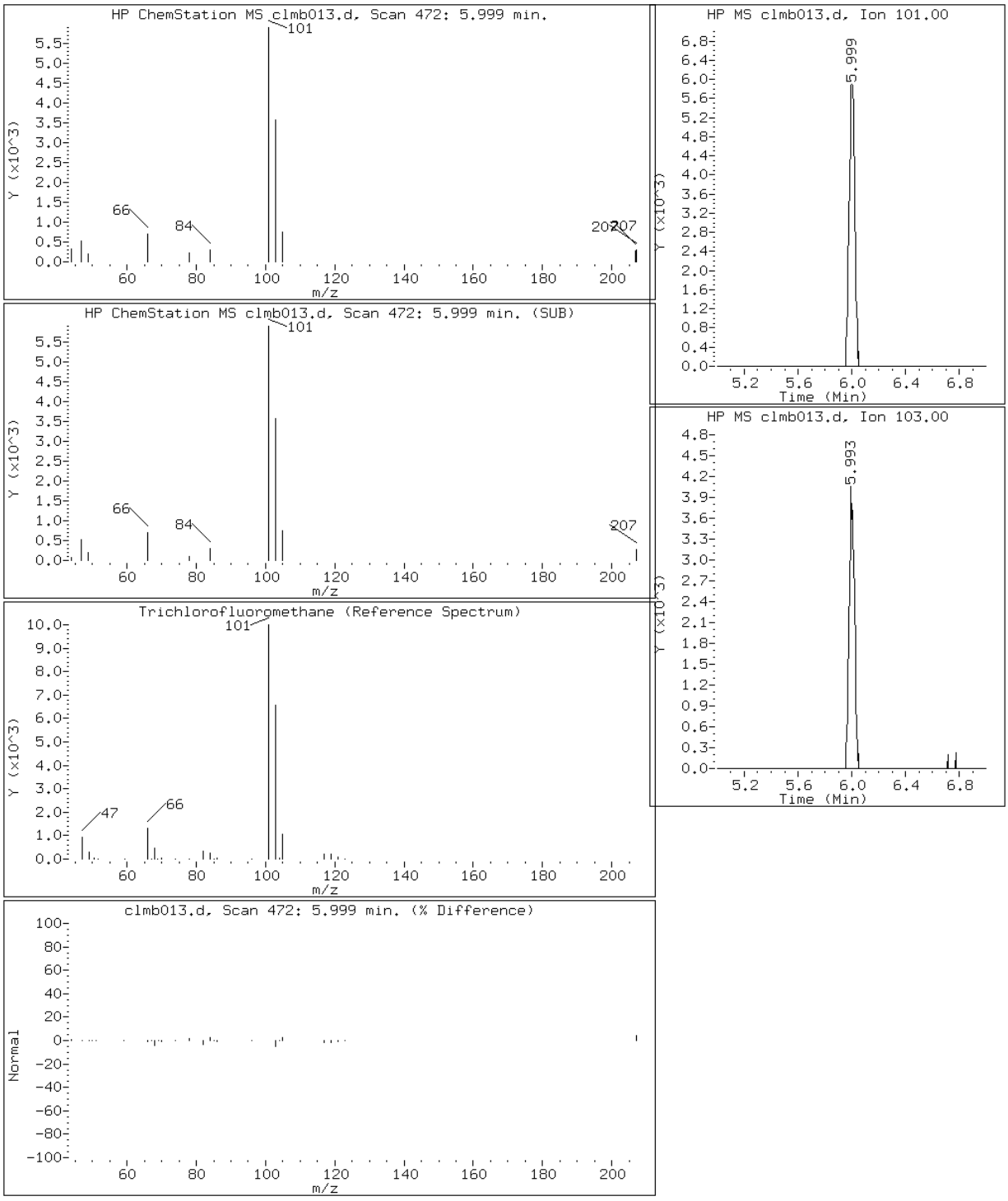
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

13 Trichlorofluoromethane



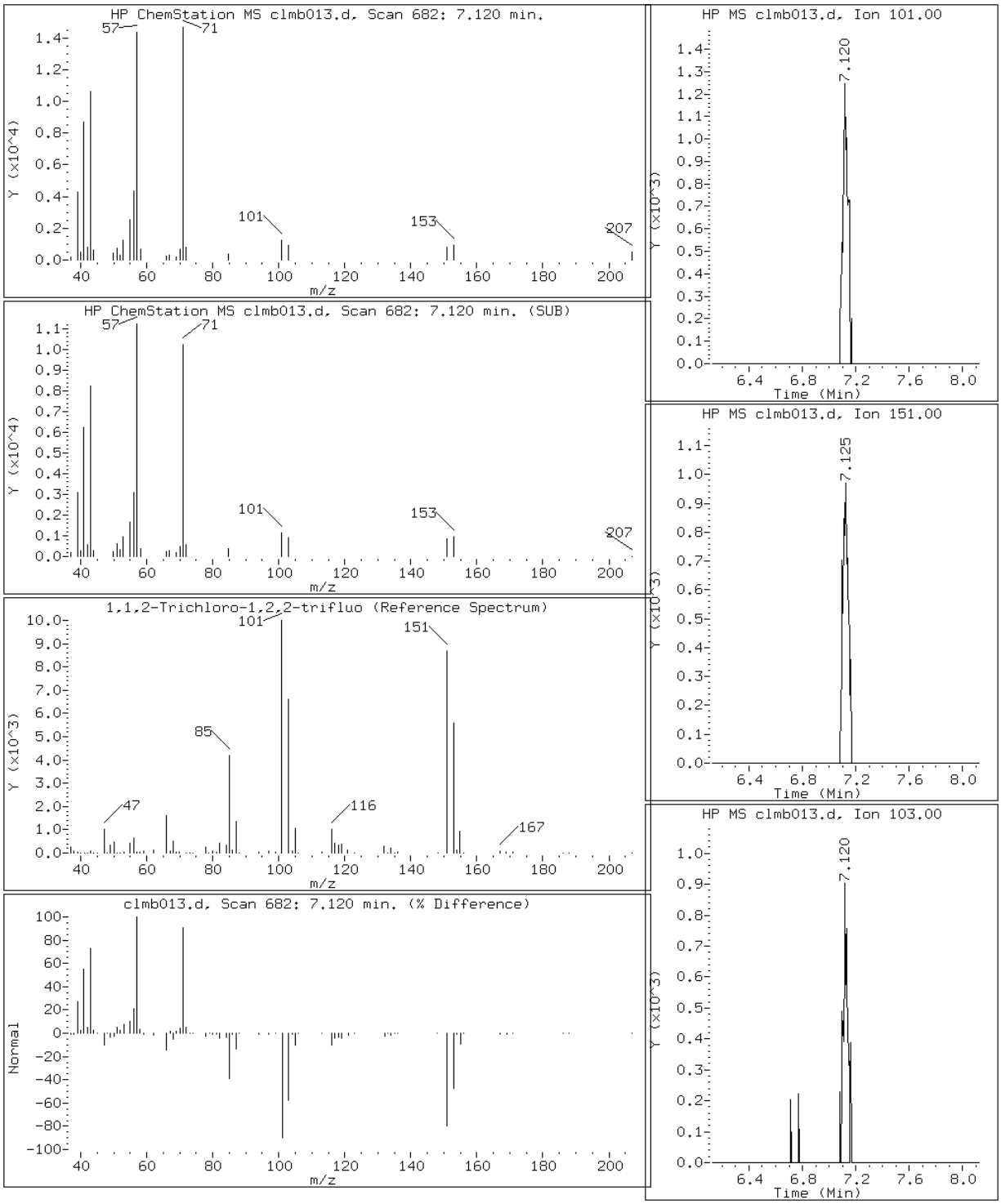
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



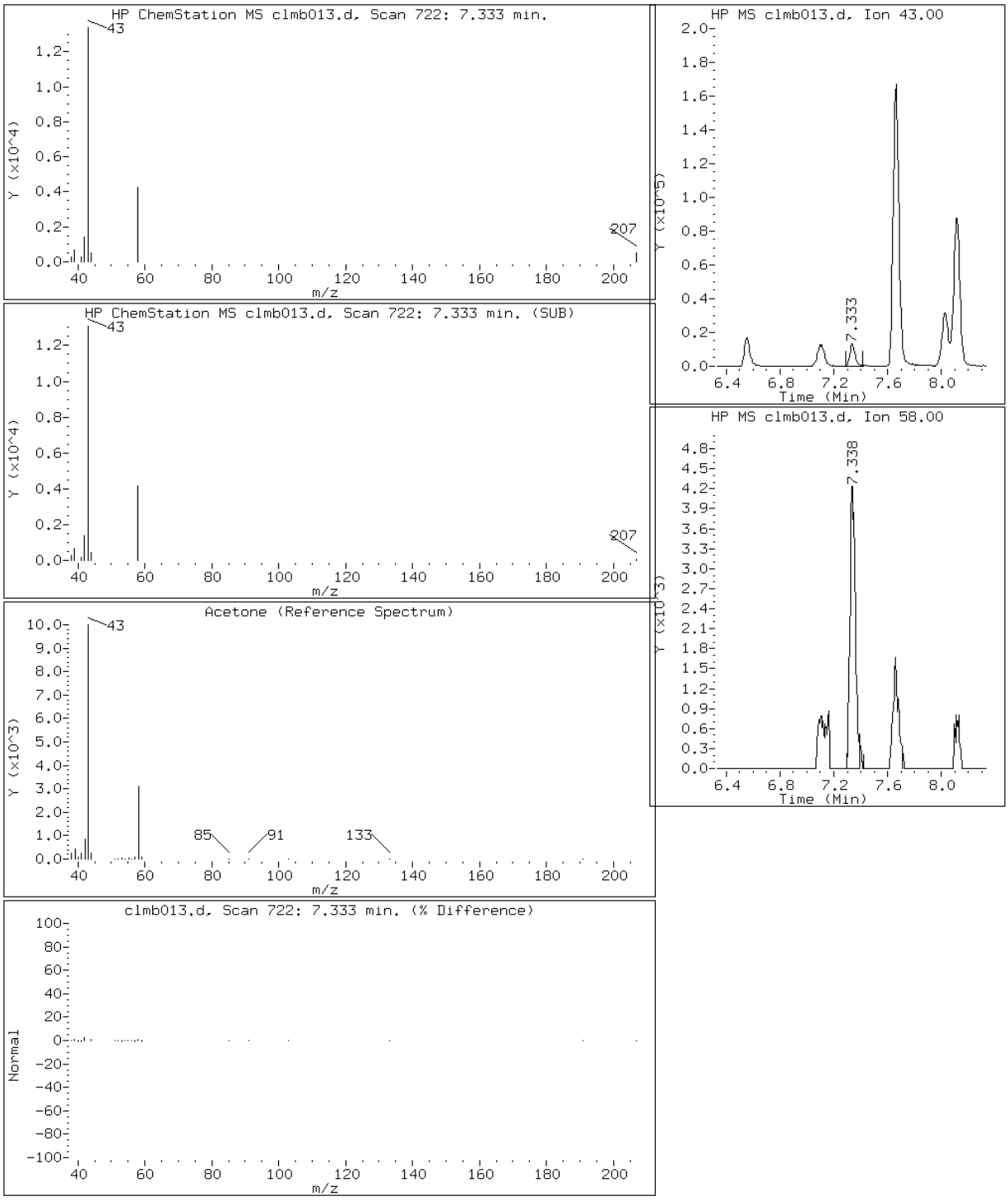
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

20 Acetone



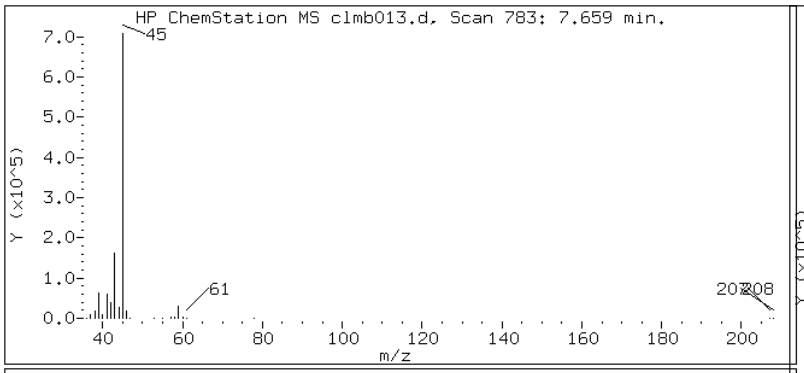
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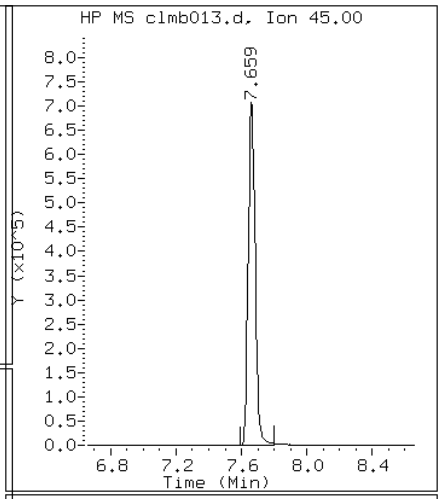
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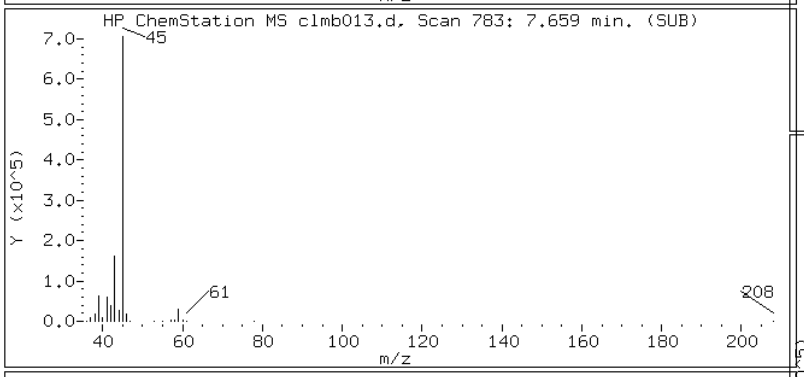
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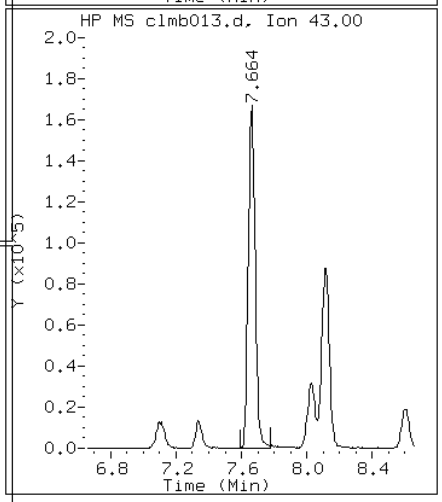
Sample Info: 280-39902-A-7 Operator: wrd

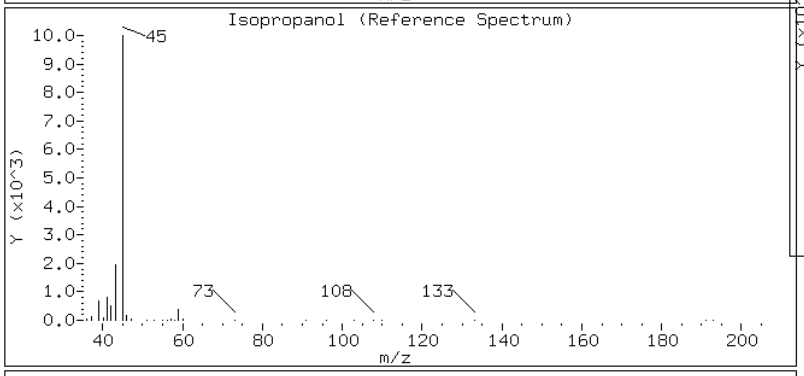
22 Isopropanol

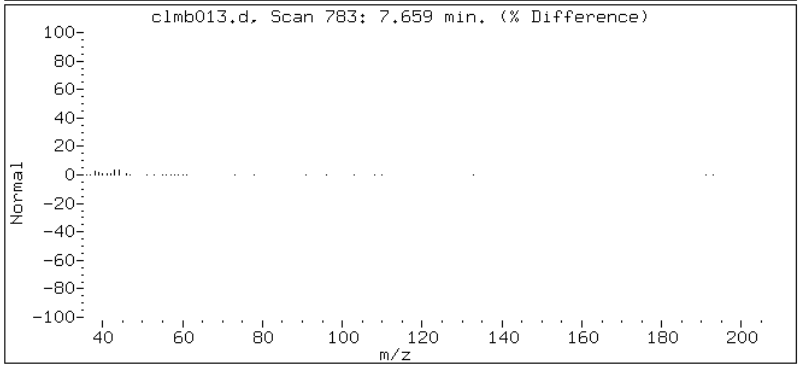












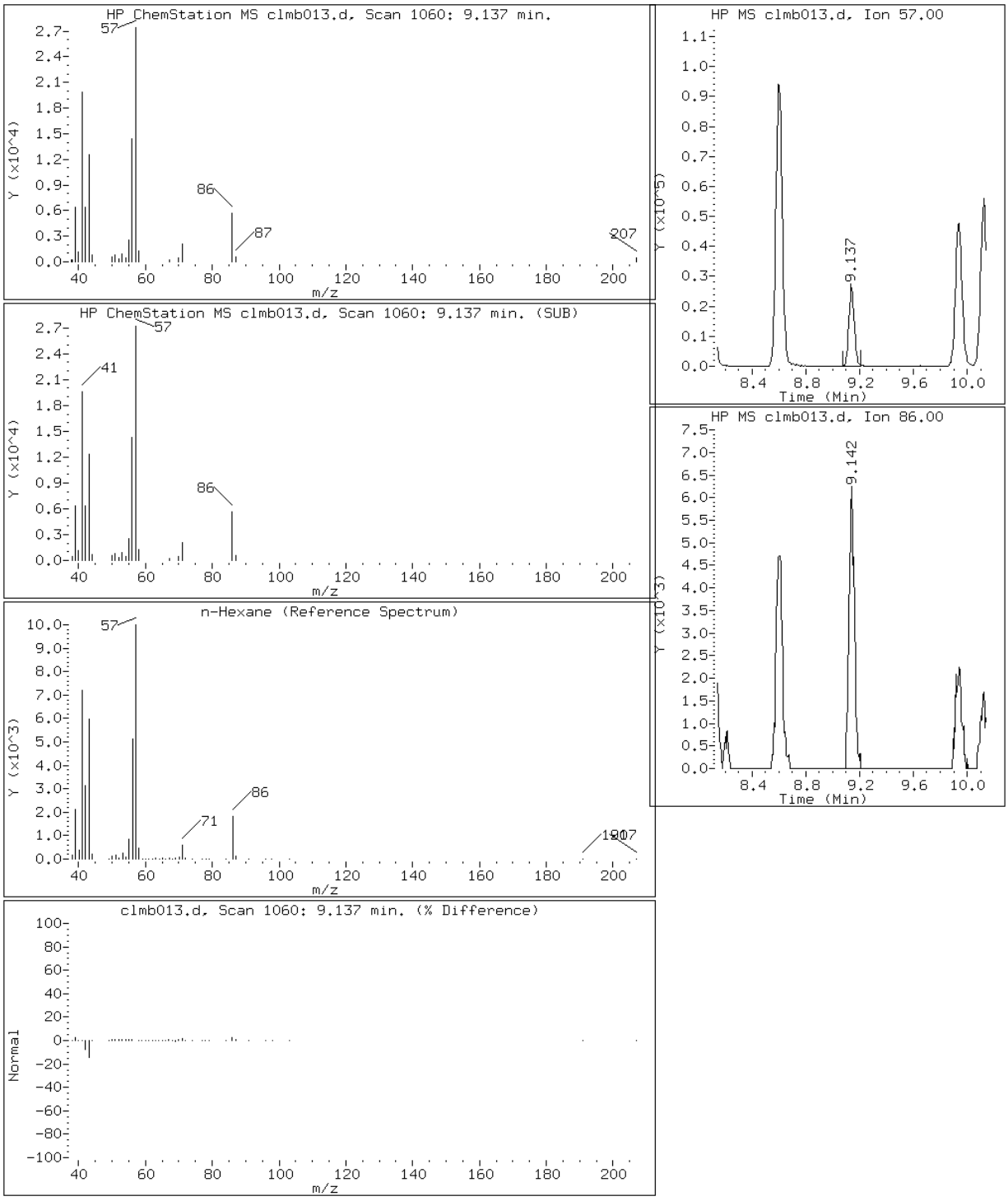
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

30 n-Hexane



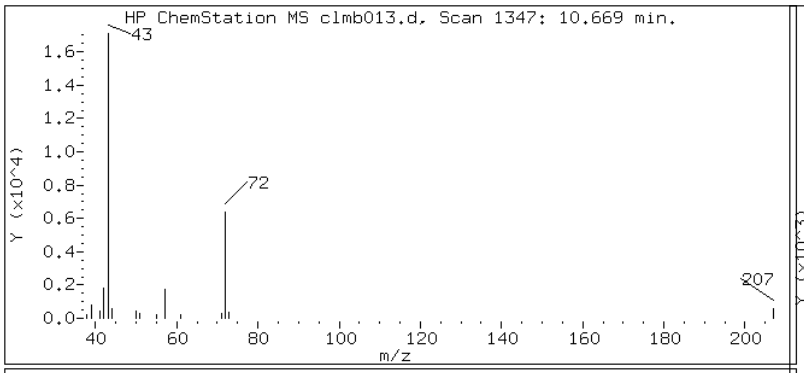
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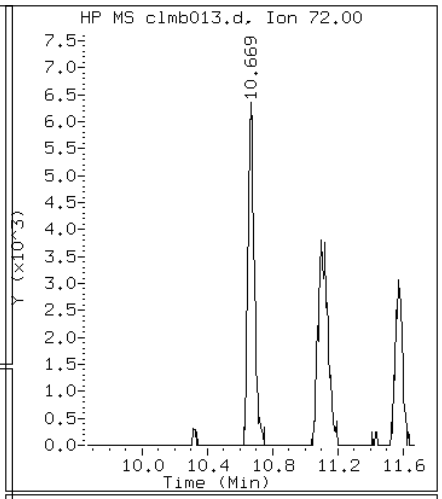
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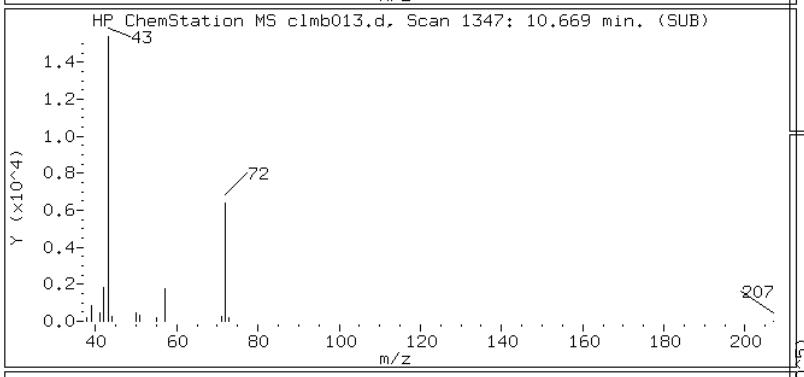
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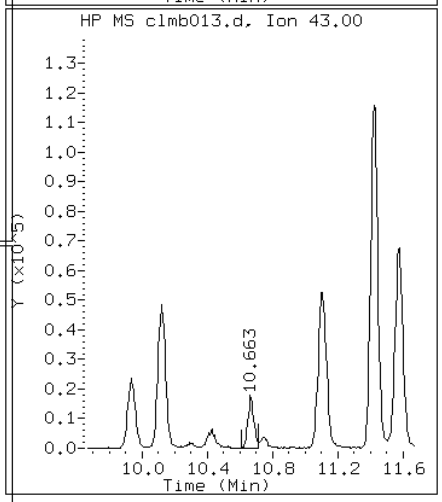
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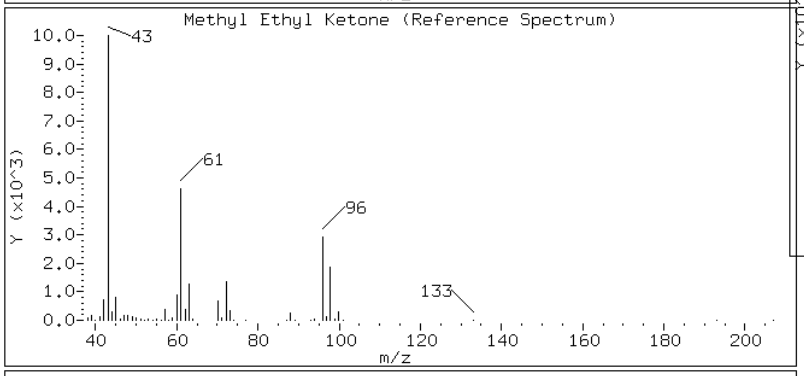
36 Methyl Ethyl Ketone

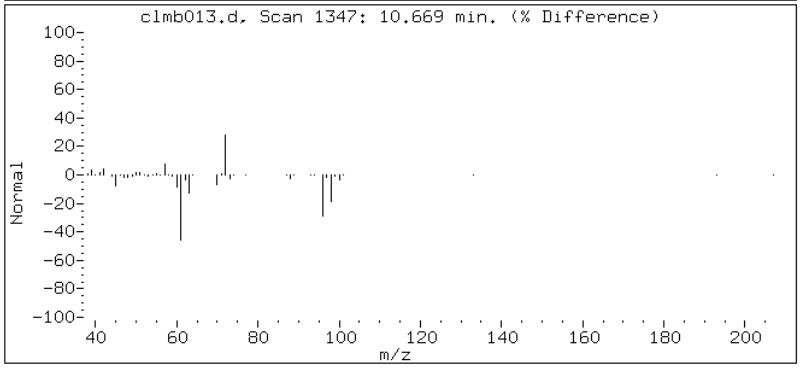












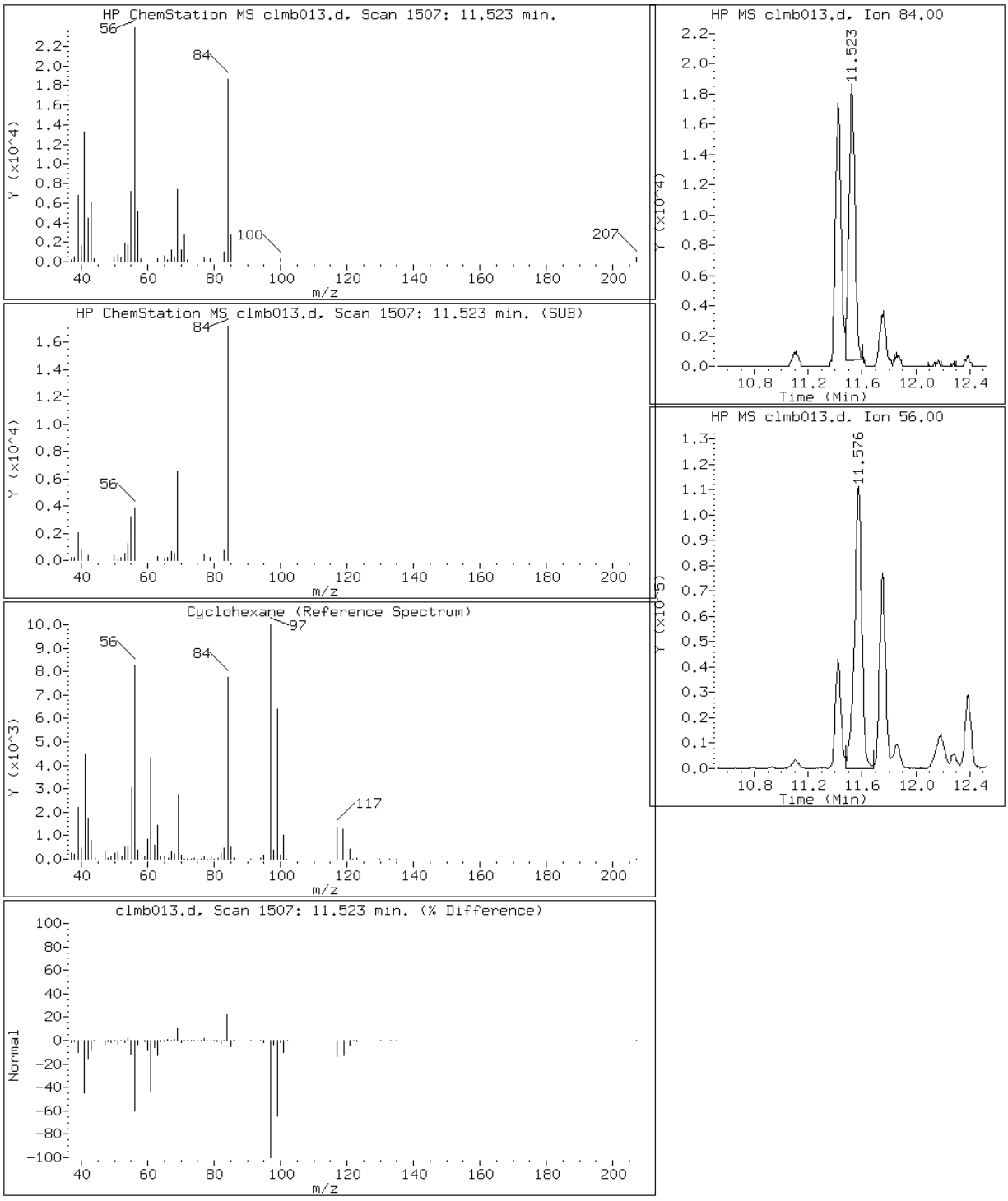
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

40 Cyclohexane



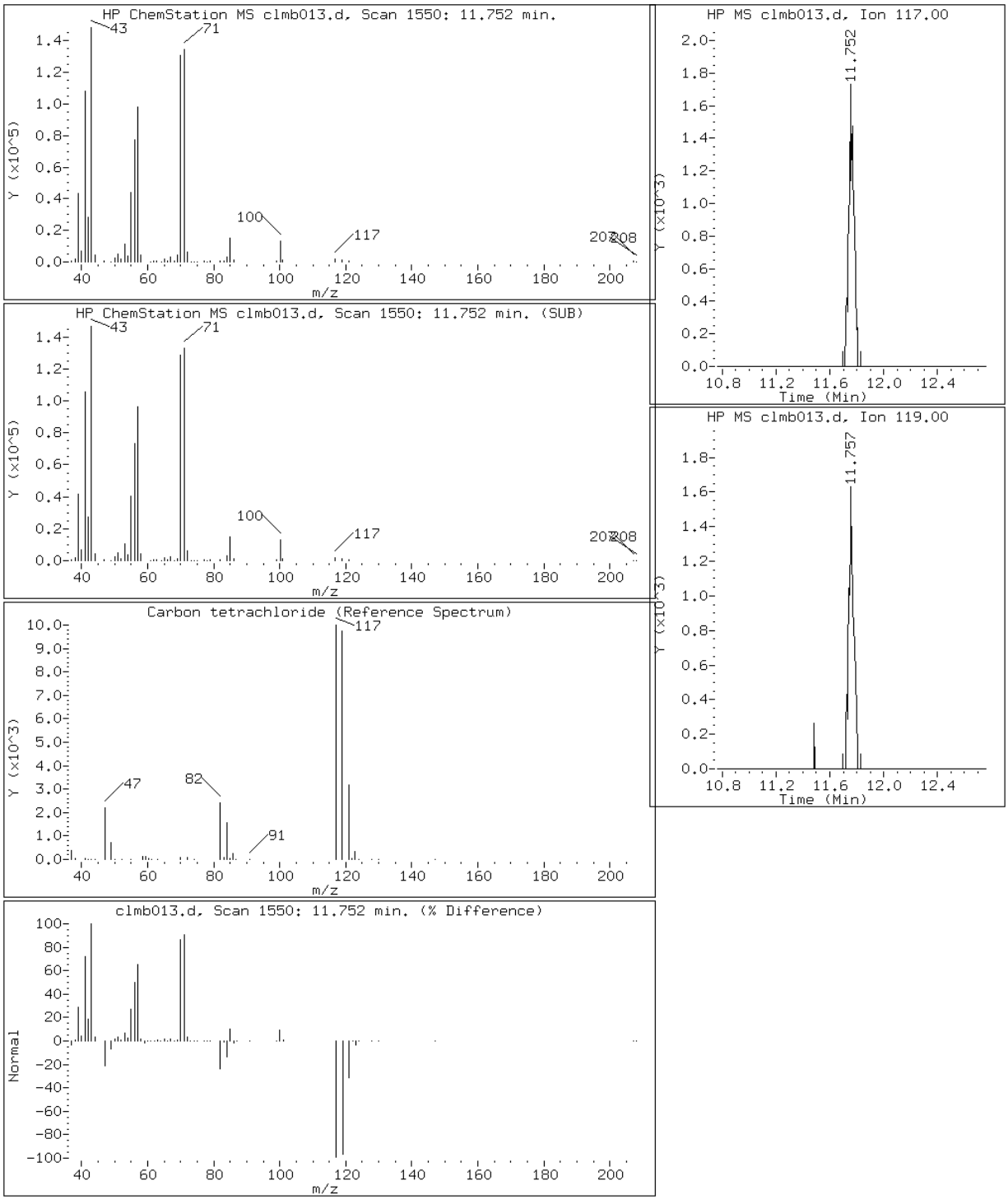
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

42 Carbon tetrachloride



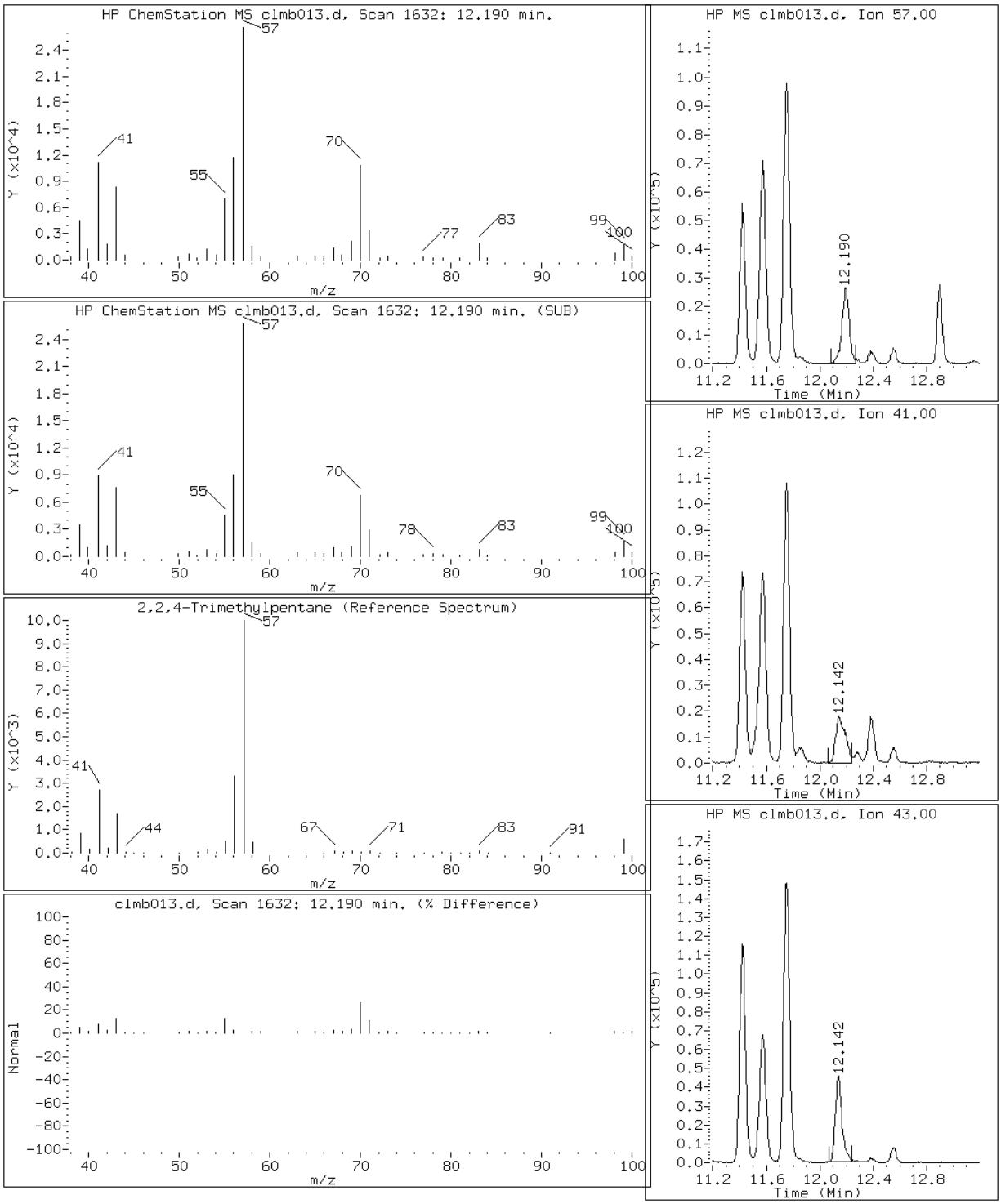
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

43 2,2,4-Trimethylpentane



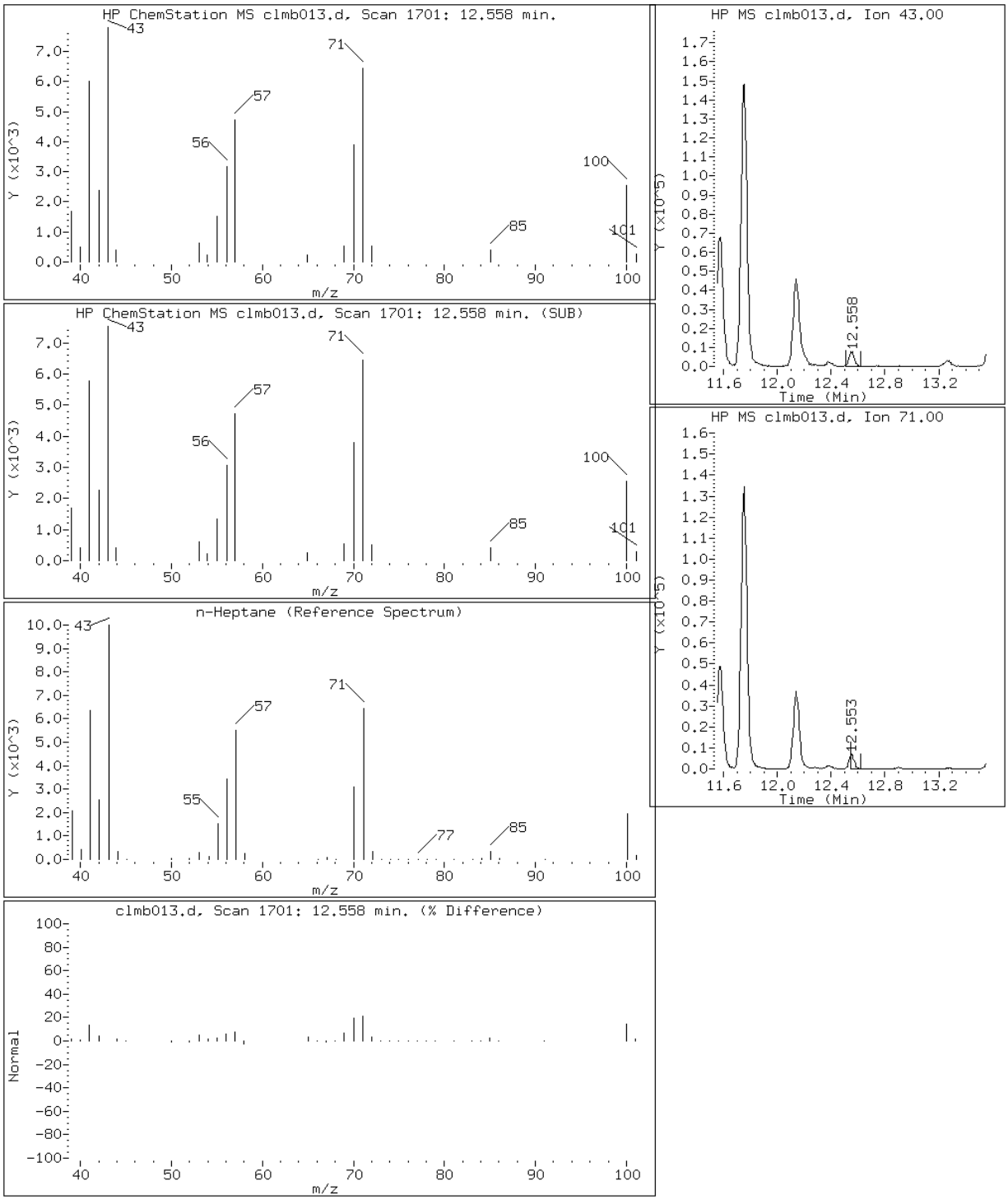
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

46 n-Heptane



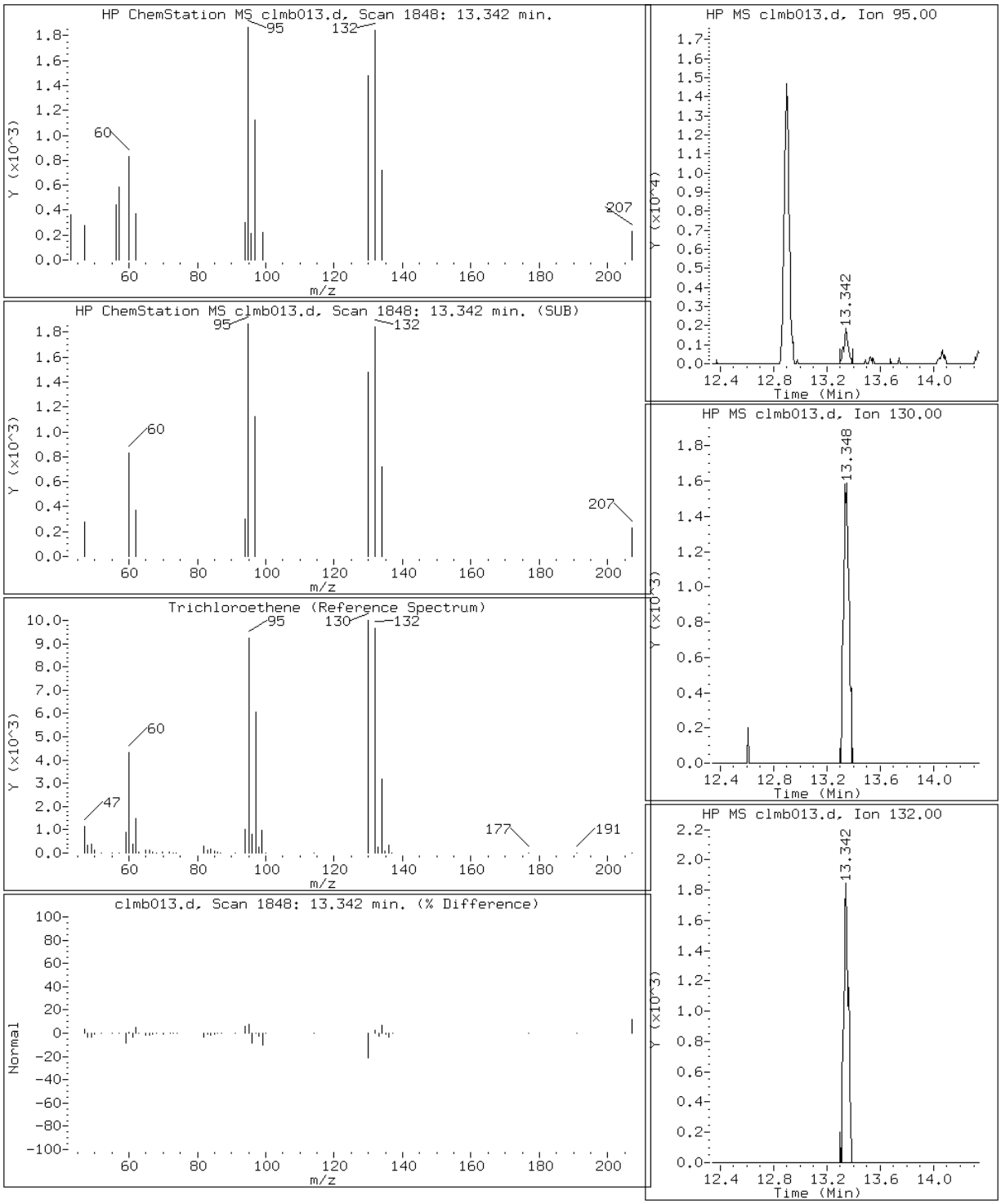
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

49 Trichloroethene



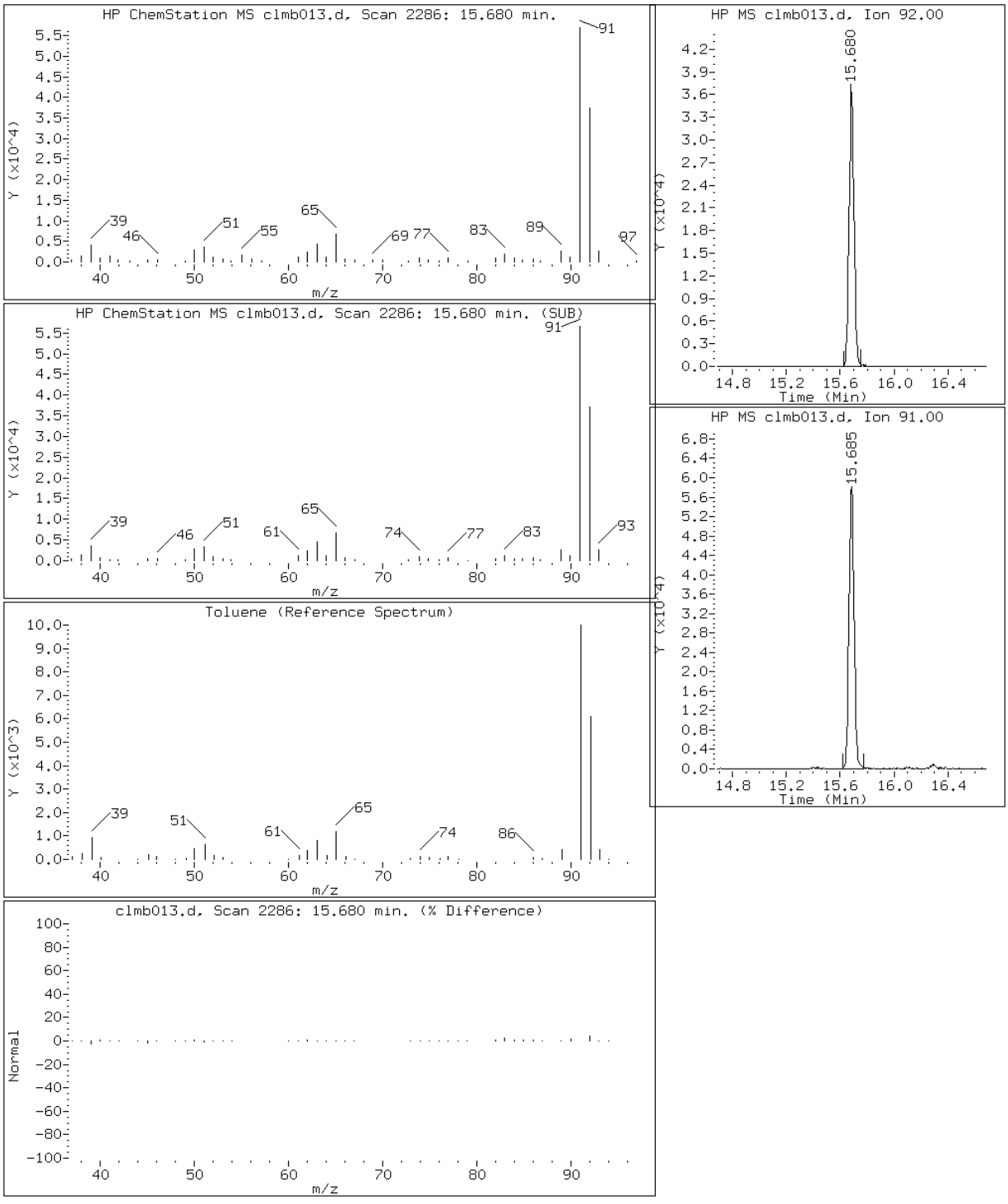
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

58 Toluene



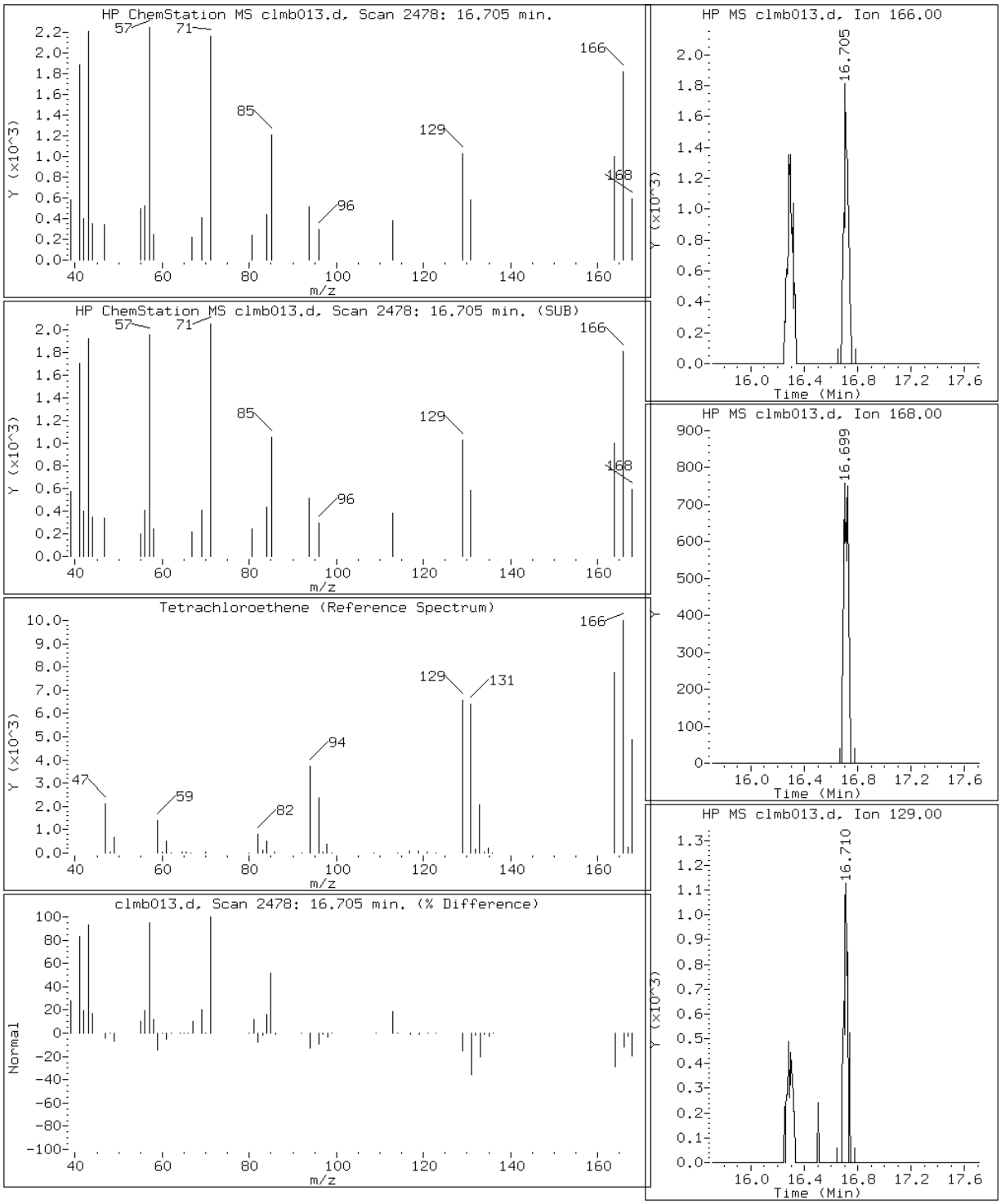
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

61 Tetrachloroethene



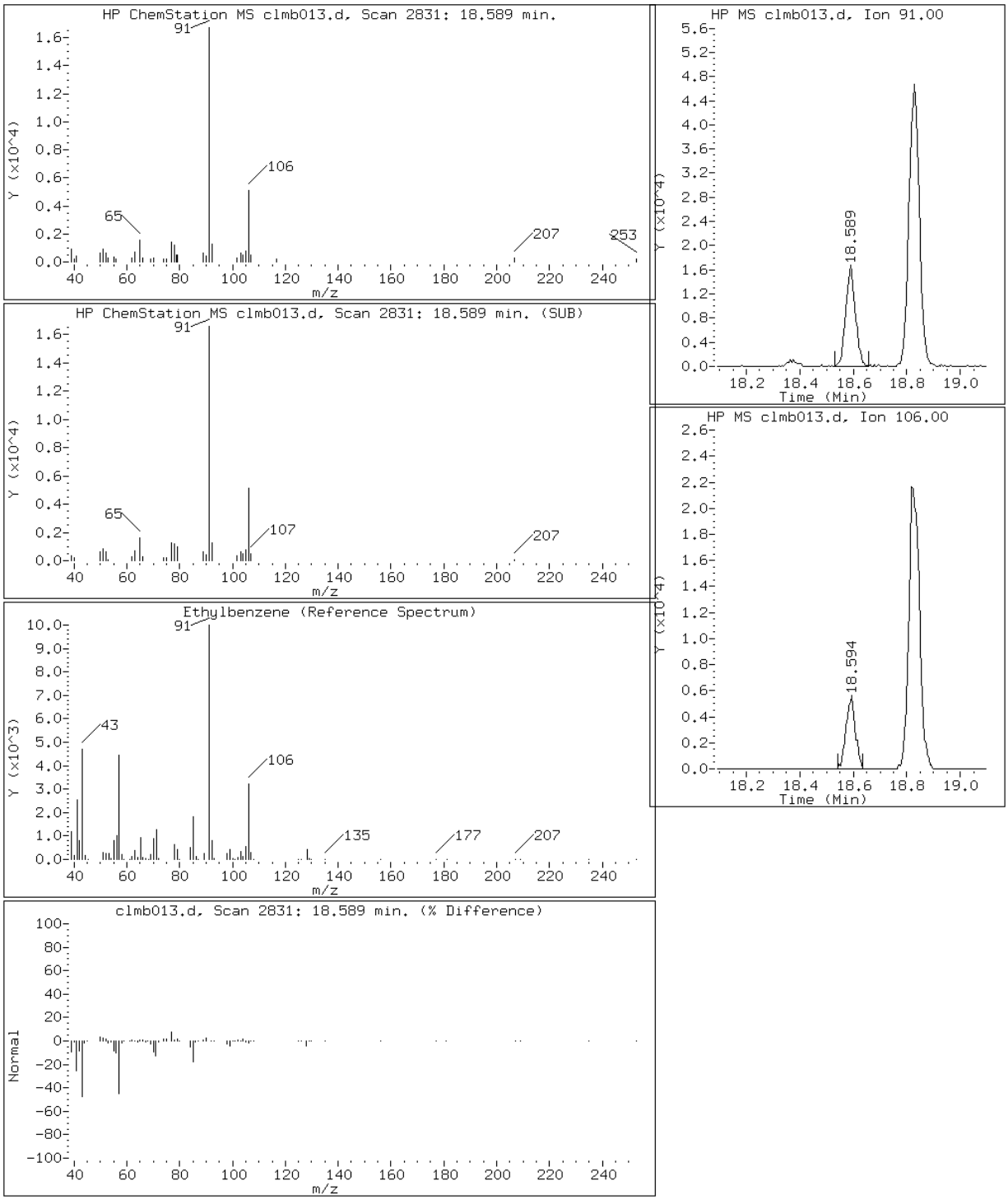
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

68 Ethylbenzene



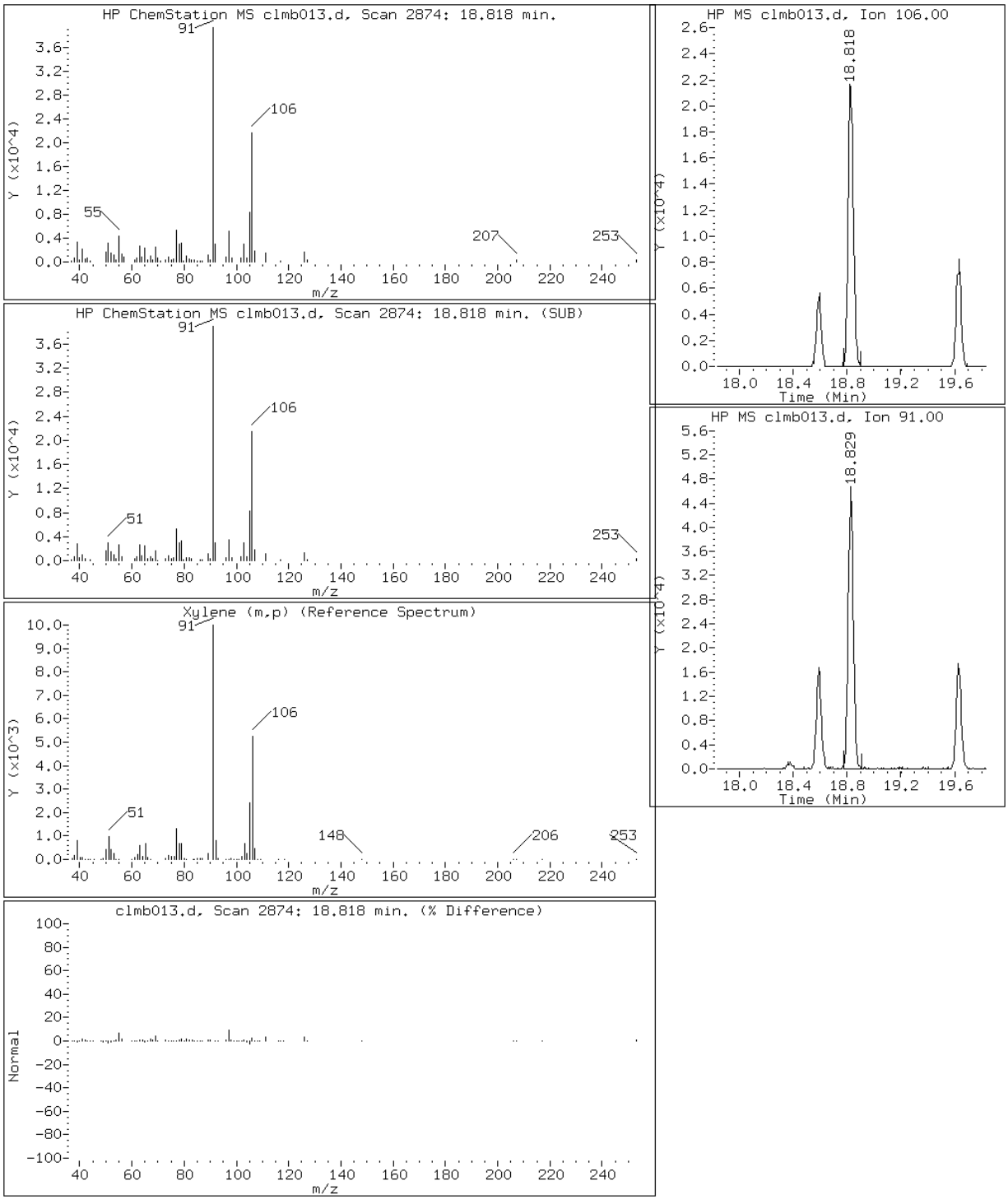
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

69 Xylene (m,p)



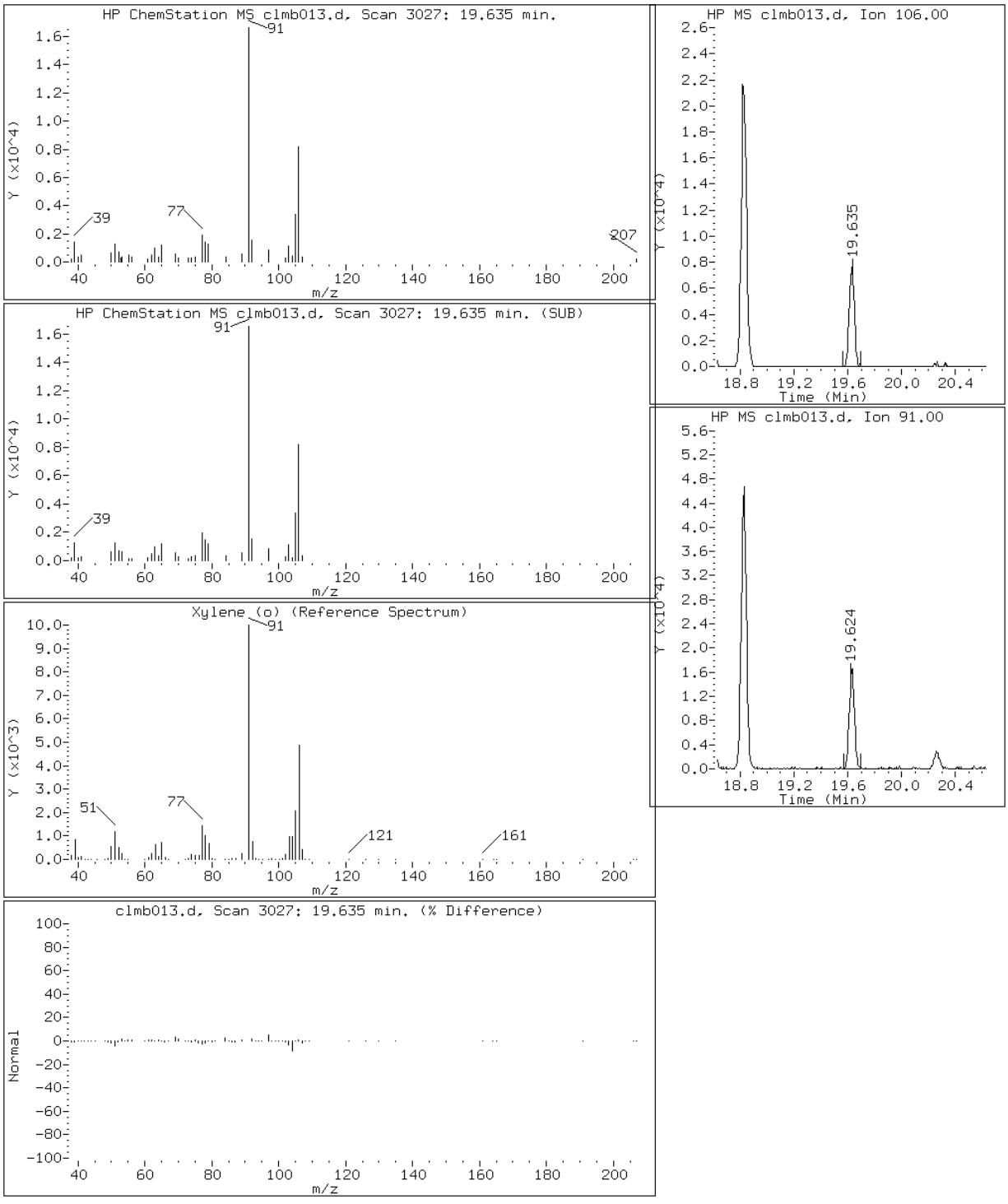
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

71 Xylene (o)



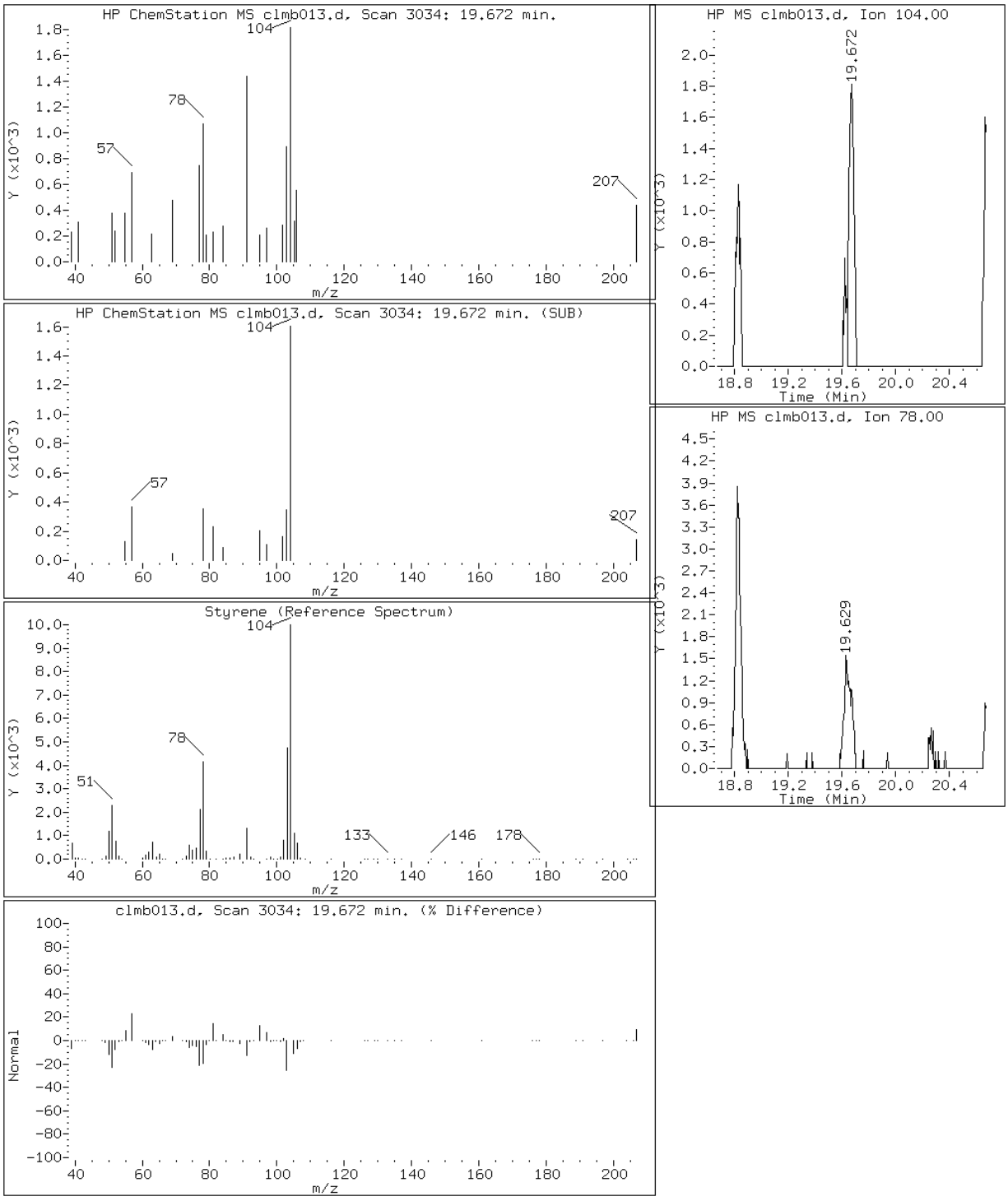
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

72 Styrene



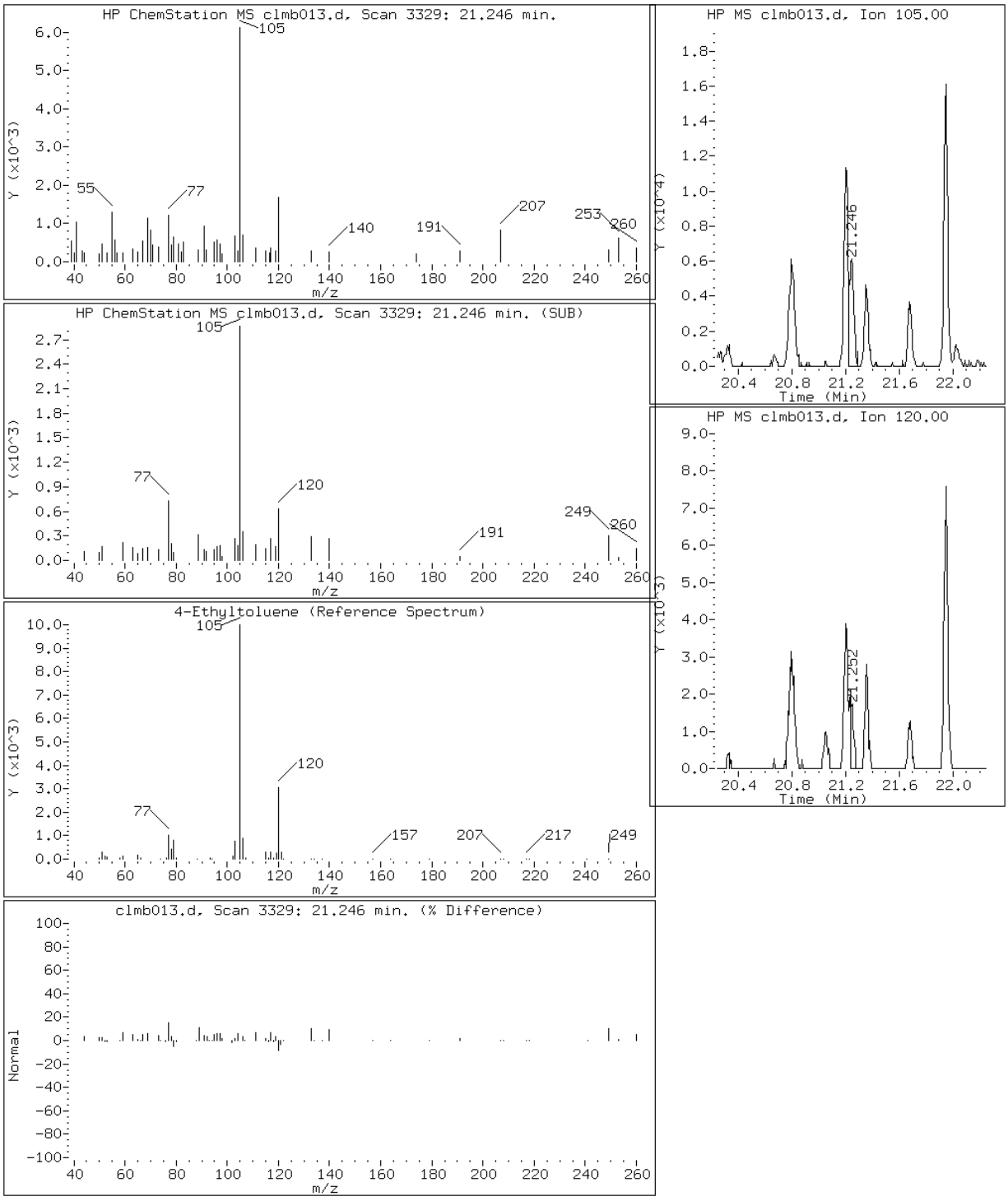
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

79 4-Ethyltoluene



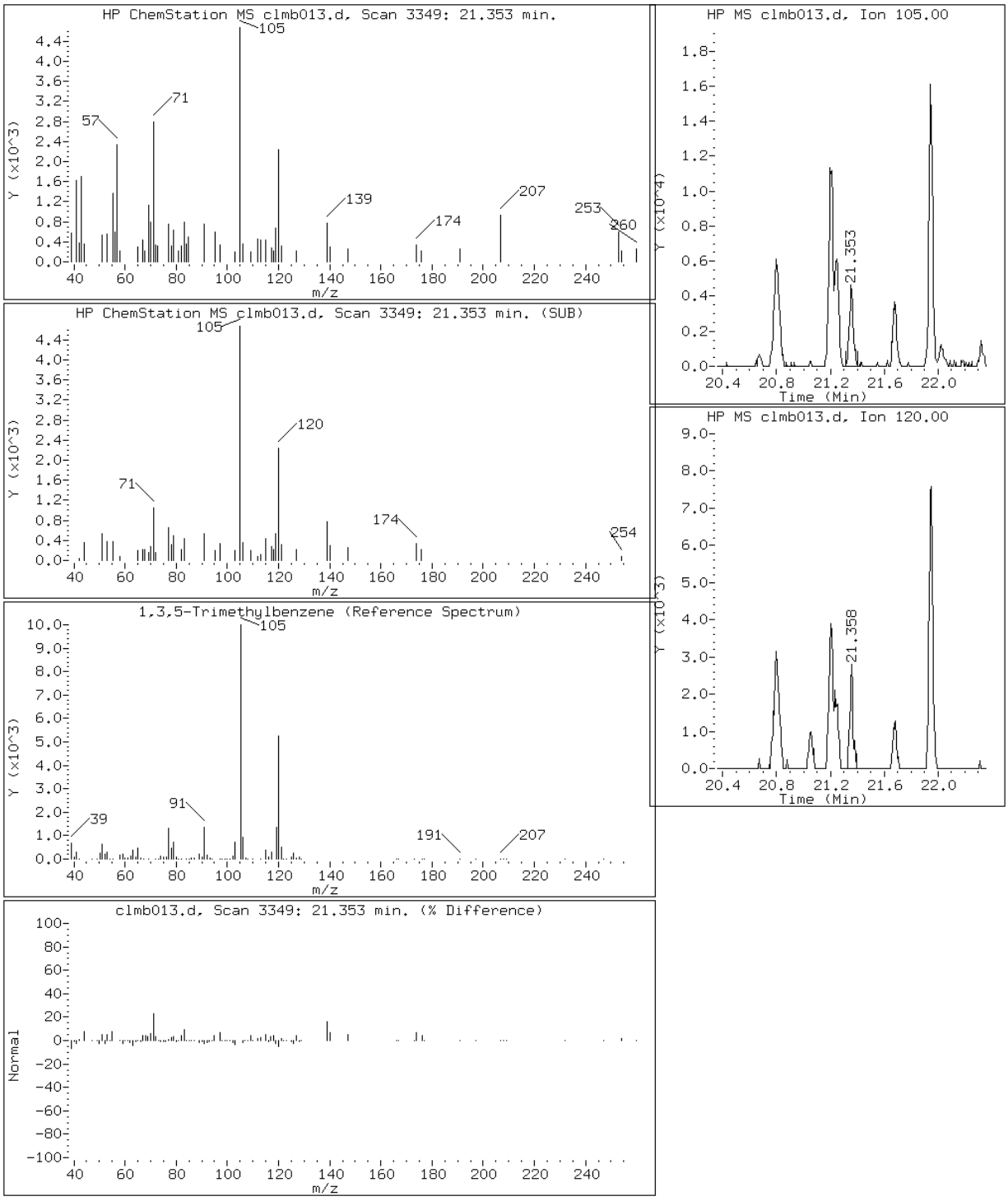
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

81 1,3,5-Trimethylbenzene



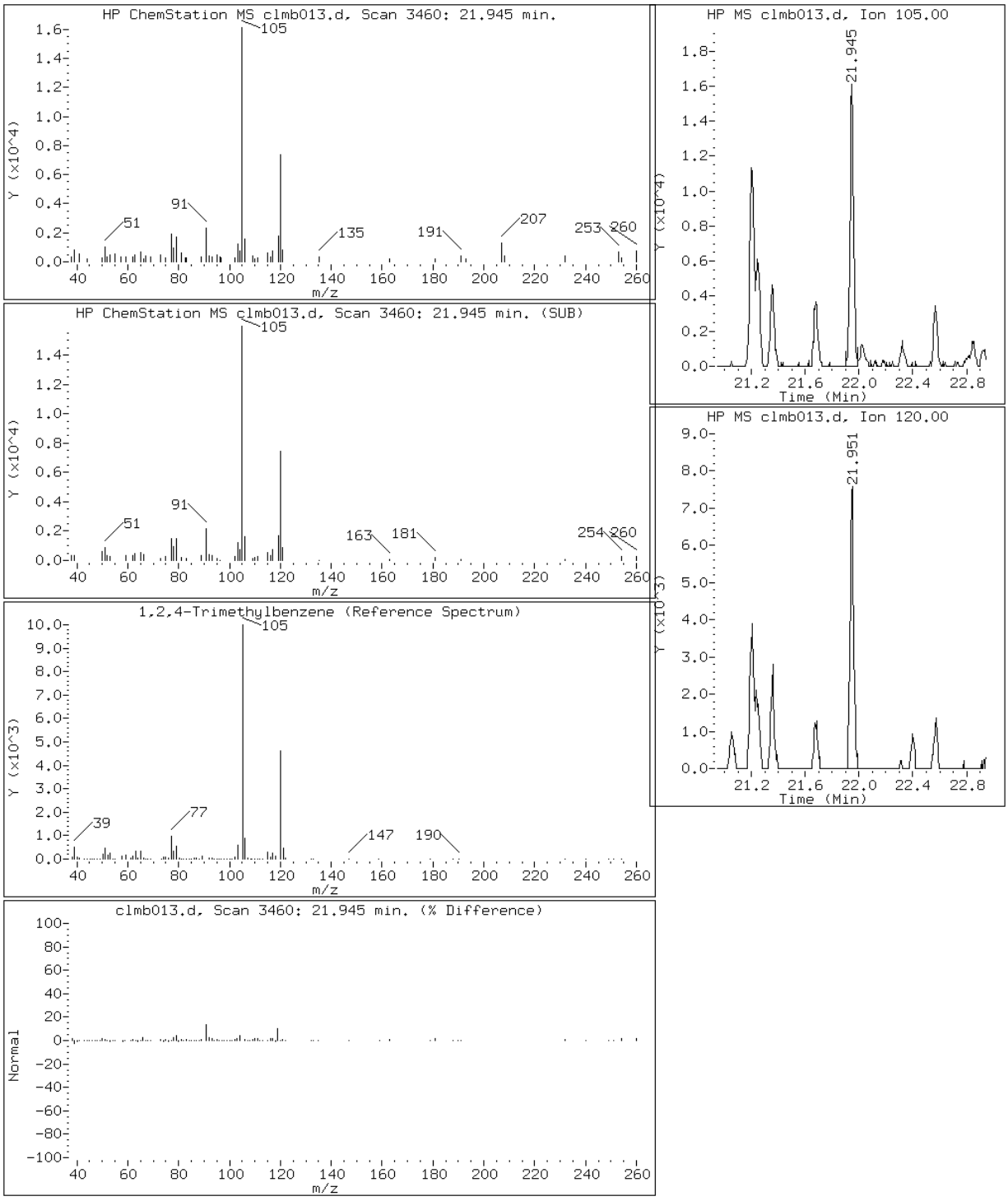
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

84 1,2,4-Trimethylbenzene



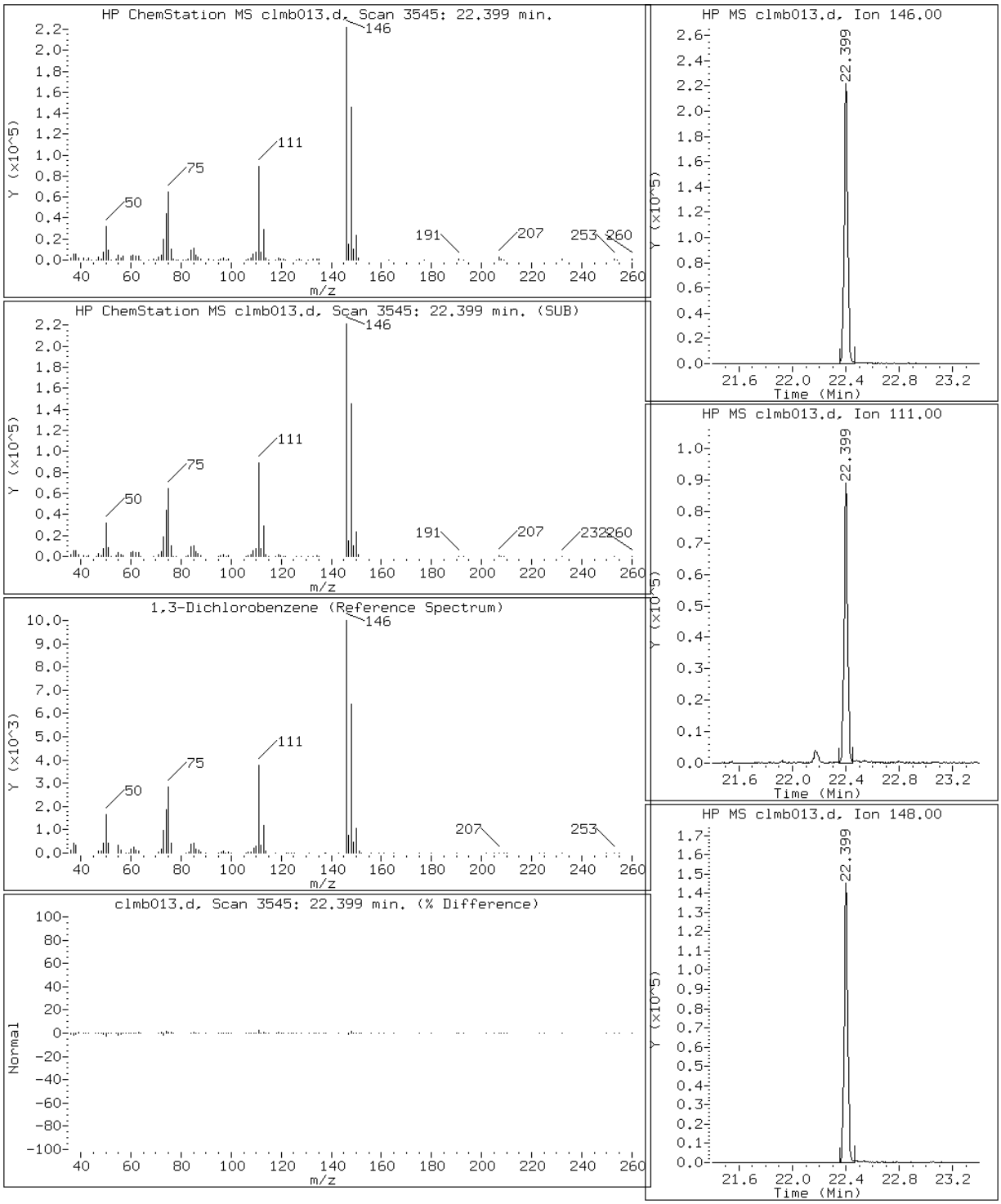
Data File: clmb013.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 19:26

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb013.d
Lab Sample ID: 280-39902-7
Inj. Date and Time: 01-APR-2013 19:26
Instrument ID: C.i
Client ID: 785VMP0202IA
Compound: 6 Butane
CAS #: 106-97-8
Report Date: 04/02/2013

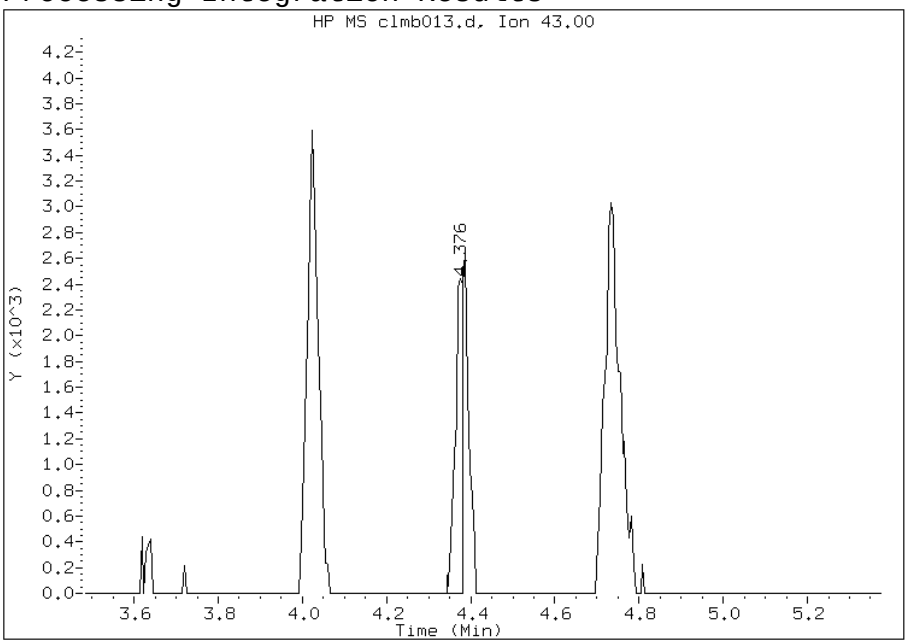
Processing Integration Results

RT: 4.38

Response: 3348

Amount: 0.137149

Conc: 0.137149



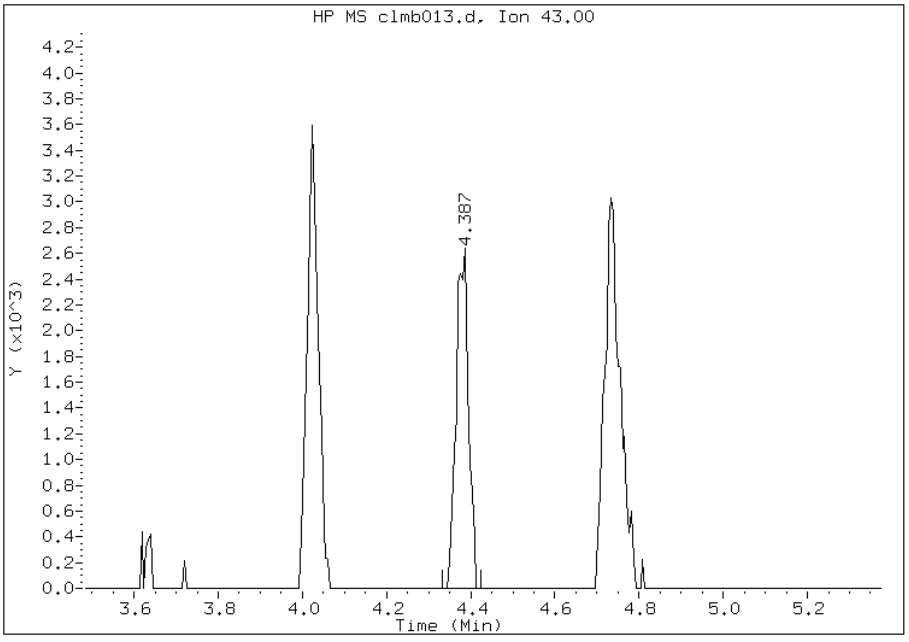
Manual Integration Results

RT: 4.39

Response: 5369

Amount: 0.219921

Conc: 0.219921



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb013.d
Lab Sample ID: 280-39902-7
Inj. Date and Time: 01-APR-2013 19:26
Instrument ID: C.i
Client ID: 785VMP0202IA
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 04/02/2013

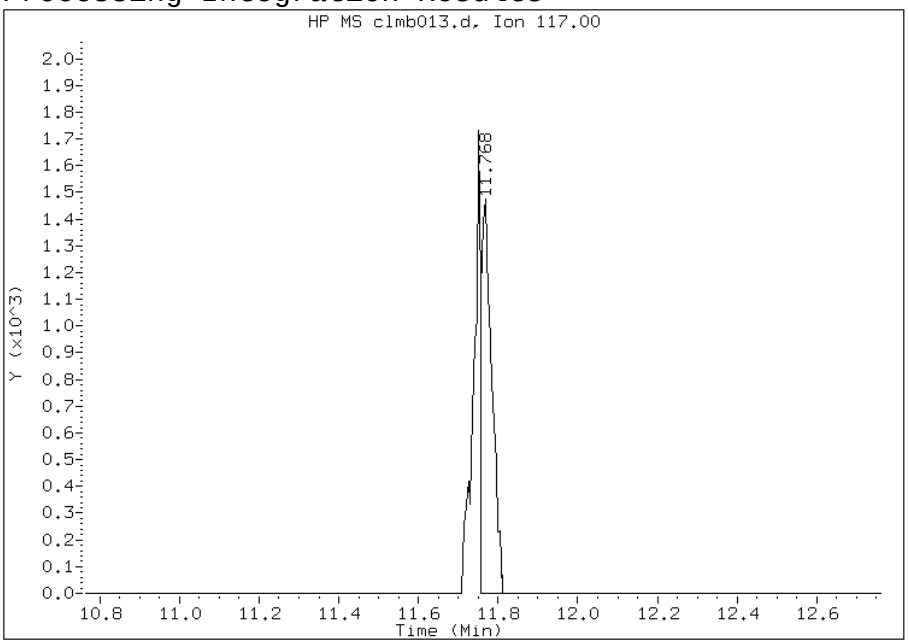
Processing Integration Results

RT: 11.77

Response: 2738

Amount: 0.041919

Conc: 0.041919



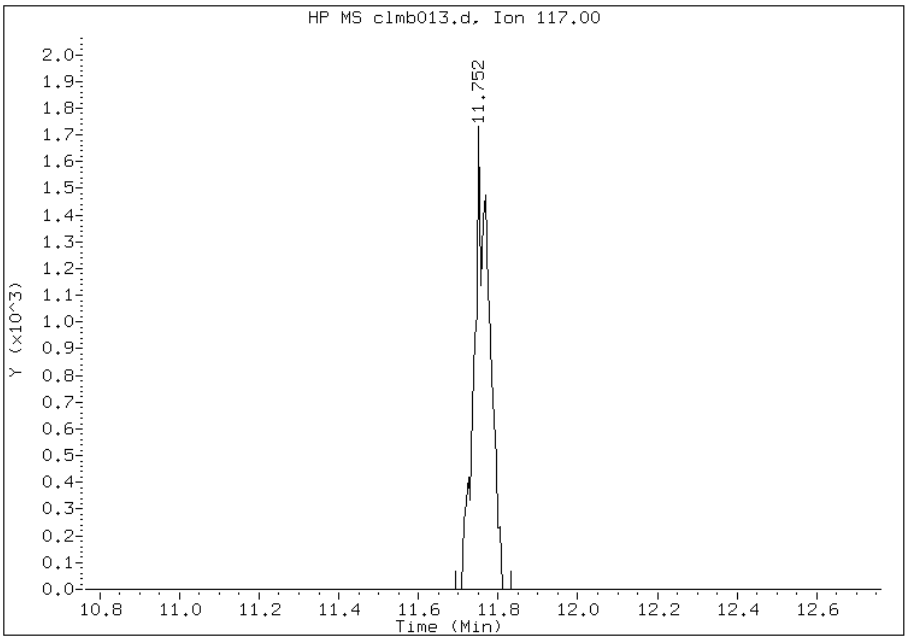
Manual Integration Results

RT: 11.75

Response: 4568

Amount: 0.069937

Conc: 0.069937



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb013.d
Lab Sample ID: 280-39902-7
Inj. Date and Time: 01-APR-2013 19:26
Instrument ID: C.i
Client ID: 785VMP0202IA
Compound: 61 Tetrachloroethene
CAS #: 127-18-4
Report Date: 04/02/2013

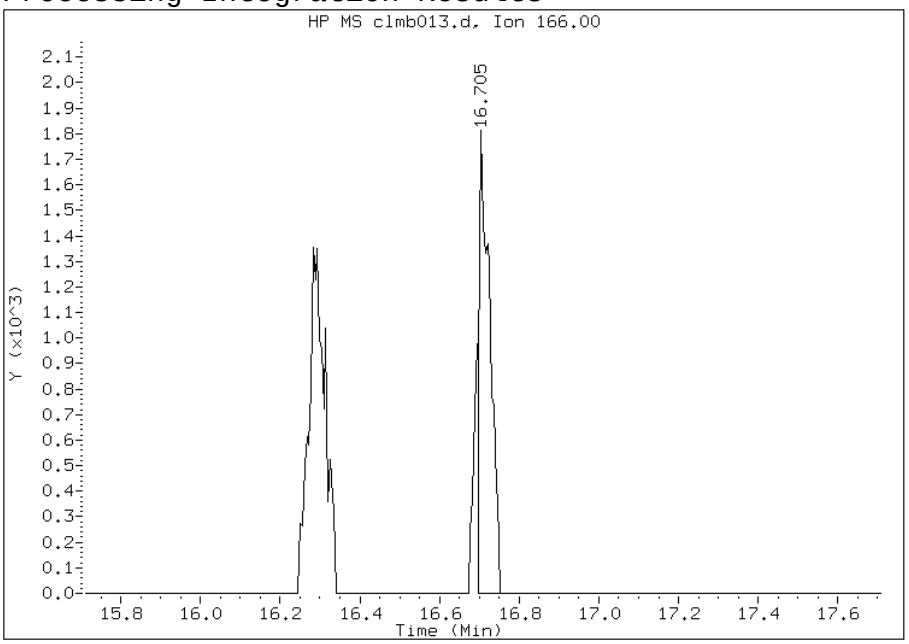
Processing Integration Results

RT: 16.70

Response: 3332

Amount: 0.070060

Conc: 0.070060



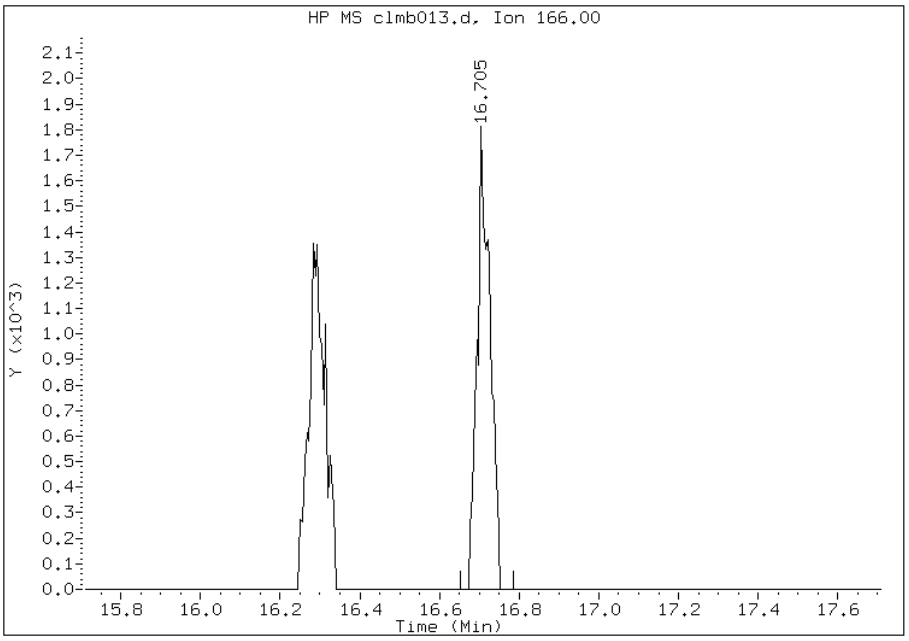
Manual Integration Results

RT: 16.70

Response: 4072

Amount: 0.085620

Conc: 0.085620



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb013.d
Lab Sample ID: 280-39902-7
Inj. Date and Time: 01-APR-2013 19:26
Instrument ID: C.i
Client ID: 785VMP0202IA
Compound: 71 Xylene (o)
CAS #: 95-47-6
Report Date: 04/02/2013

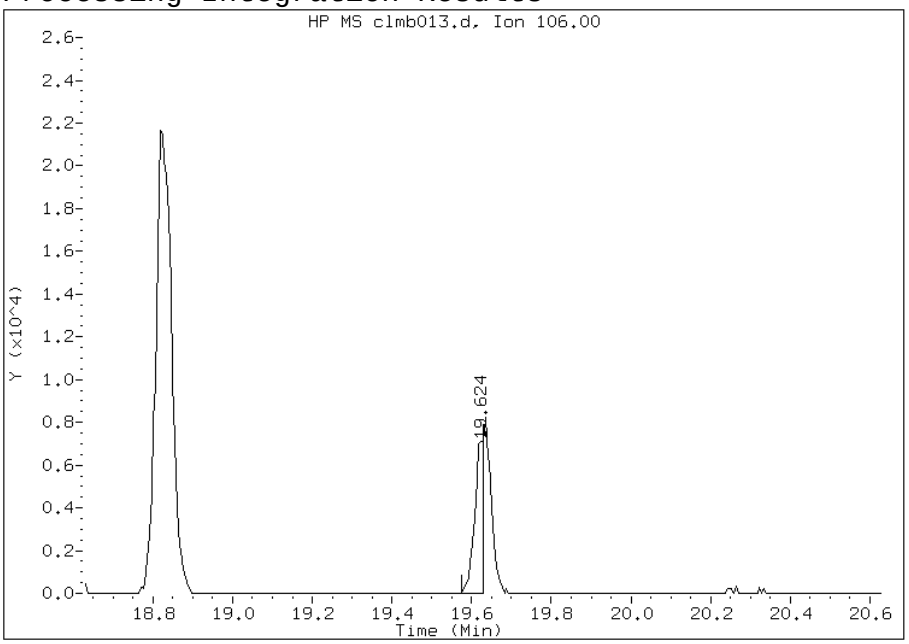
Processing Integration Results

RT: 19.62

Response: 11292

Amount: 0.301884

Conc: 0.301884



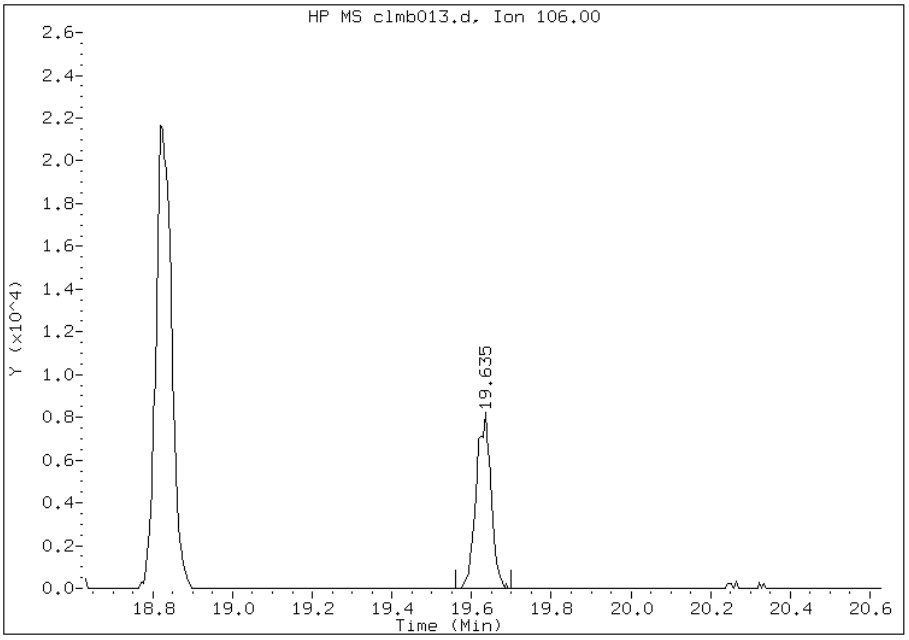
Manual Integration Results

RT: 19.63

Response: 21018

Amount: 0.561902

Conc: 0.561902



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.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA DL Lab Sample ID: 280-39902-7 DL

Matrix: Air Lab File ID: clmb017.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 20(mL) Date Analyzed: 04/01/2013 22:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.72	J D	5.0	0.20
75-45-6	Freon 22	86.47	0.80	U	5.0	0.23
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.80	U	2.0	0.20
74-87-3	Chloromethane	50.49	0.80	U	5.0	0.34
106-97-8	n-Butane	58.12	0.80	U	5.0	0.22
75-01-4	Vinyl chloride	62.50	0.28	U	2.0	0.091
106-99-0	1,3-Butadiene	54.09	0.80	U	2.0	0.25
74-83-9	Bromomethane	94.94	0.80	U	2.0	0.27
75-00-3	Chloroethane	64.52	0.80	U	5.0	0.33
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.40	U	2.0	0.19
75-69-4	Trichlorofluoromethane	137.37	0.80	U	2.0	0.21
76-13-1	Freon TF	187.38	0.80	U	2.0	0.20
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.86
67-64-1	Acetone	58.08	5.0	U	50	4.0
67-63-0	Isopropyl alcohol	60.10	190	D	50	0.76
75-15-0	Carbon disulfide	76.14	0.80	U	5.0	0.20
107-05-1	3-Chloropropene	76.53	0.80	U	5.0	0.47
75-09-2	Methylene Chloride	84.93	0.80	U	5.0	0.23
75-65-0	tert-Butyl alcohol	74.12	0.80	U	50	0.41
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	2.0	0.15
156-60-5	trans-1,2-Dichloroethene	96.94	0.80	U	2.0	0.23
110-54-3	n-Hexane	86.17	3.8	D M	2.0	0.20
75-34-3	1,1-Dichloroethane	98.96	0.80	U	2.0	0.23
78-93-3	Methyl Ethyl Ketone	72.11	1.7	J D	5.0	0.25
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.84
540-59-0	1,2-Dichloroethene, Total	96.94	0.80	U	2.0	0.23
67-66-3	Chloroform	119.38	0.80	U	2.0	0.24
109-99-9	Tetrahydrofuran	72.11	0.80	U	50	0.29
71-55-6	1,1,1-Trichloroethane	133.41	0.80	U	2.0	0.20
110-82-7	Cyclohexane	84.16	2.8	D	2.0	0.19
56-23-5	Carbon tetrachloride	153.81	0.40	U	2.0	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	1.7	J D M	2.0	0.15
71-43-2	Benzene	78.11	0.40	U	2.0	0.18
107-06-2	1,2-Dichloroethane	98.96	0.40	U	2.0	0.18

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA DL Lab Sample ID: 280-39902-7 DL

Matrix: Air Lab File ID: clmb017.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 20(mL) Date Analyzed: 04/01/2013 22:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	*n-Heptane*	*100.21*	*0.40*	*U*	*2.0*	*0.17*
79-01-6	*Trichloroethene*	*131.39*	*0.28*	*U*	*2.0*	*0.092*
80-62-6	*Methyl methacrylate*	*100.12*	*0.40*	*U*	*5.0*	*0.16*
78-87-5	*1,2-Dichloropropane*	*112.99*	*0.80*	*U*	*2.0*	*0.23*
123-91-1	*1,4-Dioxane*	*88.11*	*2.0*	*U*	*50*	*0.70*
75-27-4	*Bromodichloromethane*	*163.83*	*0.40*	*U*	*2.0*	*0.12*
10061-01-5	*cis-1,3-Dichloropropene*	*110.97*	*0.40*	*U*	*2.0*	*0.13*
108-10-1	*methyl isobutyl ketone*	*100.16*	*0.80*	*U*	*5.0*	*0.34*
108-88-3	*Toluene*	*92.14*	*2.5*	*D*	*2.0*	*0.14*
10061-02-6	*trans-1,3-Dichloropropene*	*110.97*	*0.40*	*U*	*2.0*	*0.15*
79-00-5	*1,1,2-Trichloroethane*	*133.41*	*0.40*	*U*	*2.0*	*0.16*
127-18-4	*Tetrachloroethene*	*165.83*	*0.40*	*U*	*2.0*	*0.15*
591-78-6	*Methyl Butyl Ketone (2-Hexanone)*	*100.20*	*0.80*	*U*	*5.0*	*0.40*
124-48-1	*Dibromochloromethane*	*208.29*	*0.40*	*U*	*2.0*	*0.11*
106-93-4	*1,2-Dibromoethane*	*187.87*	*0.40*	*U*	*2.0*	*0.14*
108-90-7	*Chlorobenzene*	*112.30*	*0.40*	*U*	*2.0*	*0.13*
100-41-4	*Ethylbenzene*	*106.17*	*0.46*	*J D*	*2.0*	*0.15*
179601-23-1	*m,p-Xylene*	*106.17*	*1.7*	*J D*	*5.0*	*0.22*
95-47-6	*Xylene, o-*	*106.17*	*0.75*	*J D M*	*2.0*	*0.16*
1330-20-7	*Xylene (total)*	*106.17*	*2.5*	*D*	*2.0*	*0.16*
100-42-5	*Styrene*	*104.15*	*0.40*	*U*	*2.0*	*0.11*
75-25-2	*Bromoform*	*252.75*	*0.28*	*U*	*2.0*	*0.072*
98-82-8	*Cumene*	*120.19*	*0.40*	*U*	*2.0*	*0.11*
79-34-5	*1,1,2,2-Tetrachloroethane*	*167.85*	*0.40*	*U*	*2.0*	*0.11*
103-65-1	*n-Propylbenzene*	*120.19*	*0.40*	*U*	*2.0*	*0.13*
622-96-8	*4-Ethyltoluene*	*120.20*	*0.40*	*U*	*2.0*	*0.15*
108-67-8	*1,3,5-Trimethylbenzene*	*120.20*	*0.40*	*U*	*2.0*	*0.19*
95-49-8	*2-Chlorotoluene*	*126.59*	*0.40*	*U*	*2.0*	*0.13*
98-06-6	*tert-Butylbenzene*	*134.22*	*0.40*	*U*	*2.0*	*0.11*
95-63-6	*1,2,4-Trimethylbenzene*	*120.20*	*0.80*	*U*	*2.0*	*0.21*
135-98-8	*sec-Butylbenzene*	*134.22*	*0.40*	*U*	*2.0*	*0.15*
99-87-6	*4-Isopropyltoluene*	*134.22*	*0.80*	*U*	*2.0*	*0.20*
541-73-1	*1,3-Dichlorobenzene*	*147.00*	*6.0*	*D*	*2.0*	*0.19*
106-46-7	*1,4-Dichlorobenzene*	*147.00*	*0.40*	*U*	*2.0*	*0.18*

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA DL Lab Sample ID: 280-39902-7 DL

Matrix: Air Lab File ID: clmb017.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 20(mL) Date Analyzed: 04/01/2013 22:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*0.80*	*U*	*2.0*	*0.22*
104-51-8	*n-Butylbenzene*	*134.22*	*0.80*	*U*	*2.0*	*0.22*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*0.80*	*U*	*2.0*	*0.26*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*0.80*	*U*	*5.0*	*0.30*
87-68-3	*Hexachlorobutadiene*	*260.76*	*0.80*	*U*	*2.0*	*0.29*
91-20-3	*Naphthalene*	*128.17*	*0.80*	*U*	*5.0*	*0.38*

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA DL Lab Sample ID: 280-39902-7 DL

Matrix: Air Lab File ID: clmb017.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 20(mL) Date Analyzed: 04/01/2013 22:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.5	J D	25	0.99
75-45-6	Freon 22	86.47	2.8	U	18	0.81
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.6	U	14	1.4
74-87-3	Chloromethane	50.49	1.7	U	10	0.70
106-97-8	n-Butane	58.12	1.9	U	12	0.52
75-01-4	Vinyl chloride	62.50	0.72	U	5.1	0.23
106-99-0	1,3-Butadiene	54.09	1.8	U	4.4	0.55
74-83-9	Bromomethane	94.94	3.1	U	7.8	1.0
75-00-3	Chloroethane	64.52	2.1	U	13	0.87
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.7	U	8.7	0.83
75-69-4	Trichlorofluoromethane	137.37	4.5	U	11	1.2
76-13-1	Freon TF	187.38	6.1	U	15	1.5
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	3.4
67-64-1	Acetone	58.08	12	U	120	9.5
67-63-0	Isopropyl alcohol	60.10	470	D	120	1.9
75-15-0	Carbon disulfide	76.14	2.5	U	16	0.62
107-05-1	3-Chloropropene	76.53	2.5	U	16	1.5
75-09-2	Methylene Chloride	84.93	2.8	U	17	0.80
75-65-0	tert-Butyl alcohol	74.12	2.4	U	150	1.2
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	7.2	0.54
156-60-5	trans-1,2-Dichloroethene	96.94	3.2	U	7.9	0.91
110-54-3	n-Hexane	86.17	13	D M	7.0	0.70
75-34-3	1,1-Dichloroethane	98.96	3.2	U	8.1	0.93
78-93-3	Methyl Ethyl Ketone	72.11	5.1	J D	15	0.74
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	3.3
540-59-0	1,2-Dichloroethene, Total	96.94	3.2	U	7.9	0.91
67-66-3	Chloroform	119.38	3.9	U	9.8	1.2
109-99-9	Tetrahydrofuran	72.11	2.4	U	150	0.86
71-55-6	1,1,1-Trichloroethane	133.41	4.4	U	11	1.1
110-82-7	Cyclohexane	84.16	9.8	D	6.9	0.65
56-23-5	Carbon tetrachloride	153.81	2.5	U	13	0.82
540-84-1	2,2,4-Trimethylpentane	114.23	8.1	J D M	9.3	0.70
71-43-2	Benzene	78.11	1.3	U	6.4	0.58
107-06-2	1,2-Dichloroethane	98.96	1.6	U	8.1	0.73

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA DL Lab Sample ID: 280-39902-7 DL

Matrix: Air Lab File ID: clmb017.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 20(mL) Date Analyzed: 04/01/2013 22:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.6	U	8.2	0.70
79-01-6	Trichloroethene	131.39	1.5	U	11	0.49
80-62-6	Methyl methacrylate	100.12	1.6	U	20	0.66
78-87-5	1,2-Dichloropropane	112.99	3.7	U	9.2	1.1
123-91-1	1,4-Dioxane	88.11	7.2	U	180	2.5
75-27-4	Bromodichloromethane	163.83	2.7	U	13	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	9.1	0.59
108-10-1	methyl isobutyl ketone	100.16	3.3	U	20	1.4
108-88-3	Toluene	92.14	9.4	D	7.5	0.53
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	9.1	0.68
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	11	0.87
127-18-4	Tetrachloroethene	165.83	2.7	U	14	1.0
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	3.3	U	20	1.6
124-48-1	Dibromochloromethane	208.29	3.4	U	17	0.94
106-93-4	1,2-Dibromoethane	187.87	3.1	U	15	1.1
108-90-7	Chlorobenzene	112.30	1.8	U	9.2	0.60
100-41-4	Ethylbenzene	106.17	2.0	J D	8.7	0.65
179601-23-1	m,p-Xylene	106.17	7.6	J D	22	0.96
95-47-6	Xylene, o-	106.17	3.3	J D M	8.7	0.69
1330-20-7	Xylene (total)	106.17	11	D	8.7	0.69
100-42-5	Styrene	104.15	1.7	U	8.5	0.47
75-25-2	Bromoform	252.75	2.9	U	21	0.74
98-82-8	Cumene	120.19	2.0	U	9.8	0.54
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	14	0.76
103-65-1	n-Propylbenzene	120.19	2.0	U	9.8	0.64
622-96-8	4-Ethyltoluene	120.20	2.0	U	9.8	0.74
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	9.8	0.93
95-49-8	2-Chlorotoluene	126.59	2.1	U	10	0.67
98-06-6	tert-Butylbenzene	134.22	2.2	U	11	0.60
95-63-6	1,2,4-Trimethylbenzene	120.20	3.9	U	9.8	1.0
135-98-8	sec-Butylbenzene	134.22	2.2	U	11	0.82
99-87-6	4-Isopropyltoluene	134.22	4.4	U	11	1.1
541-73-1	1,3-Dichlorobenzene	147.00	36	D	12	1.1
106-46-7	1,4-Dichlorobenzene	147.00	2.4	U	12	1.1

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0202IA DL Lab Sample ID: 280-39902-7 DL

Matrix: Air Lab File ID: clmb017.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:40

Sample wt/vol: 20(mL) Date Analyzed: 04/01/2013 22:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*4.1*	*U*	*10*	*1.1*
104-51-8	*n-Butylbenzene*	*134.22*	*4.4*	*U*	*11*	*1.2*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*4.8*	*U*	*12*	*1.6*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*5.9*	*U*	*37*	*2.2*
87-68-3	*Hexachlorobutadiene*	*260.76*	*8.5*	*U*	*21*	*3.1*
91-20-3	*Naphthalene*	*128.17*	*4.2*	*U*	*26*	*2.0*

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-7
Client Smp ID: 785VMP0202IA
Inj Date : 01-APR-2013 22:57
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-7
Misc Info : 20,10,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 12
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	5017	0.07160	0.72(a)
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					

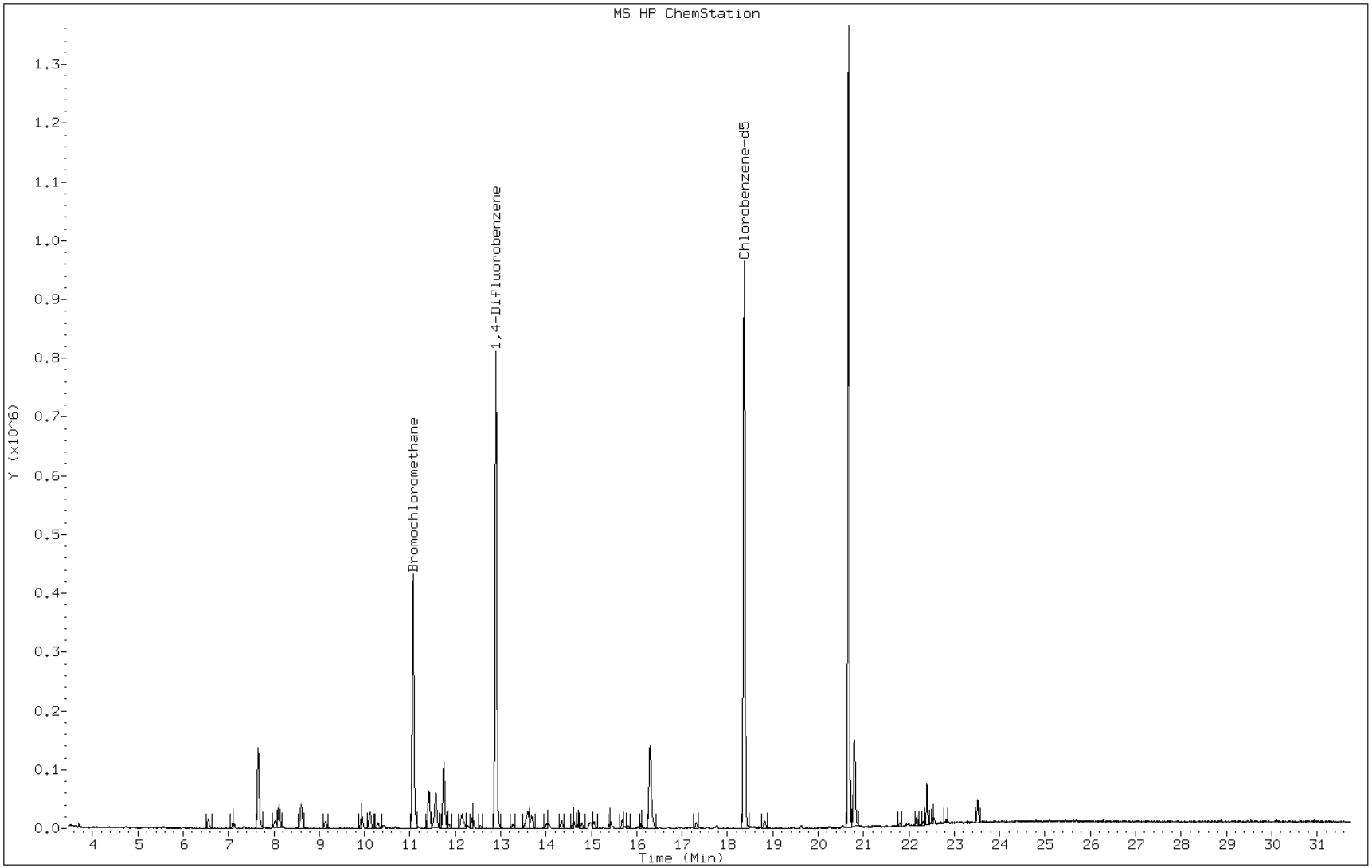
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	7.658	7.658	(0.692)	245479	19.0458	190
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not 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.					
	30 n-Hexane	57	9.147	9.142	(0.826)	8758	0.37945	3.8(M)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.684	10.668	(0.965)	1170	0.17173	1.7(aQ)
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	178520	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.528	11.522	(0.894)	6863	0.28327	2.8(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	12.189	12.195	(0.945)	12087	0.17296	1.7(aQM)
	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	12.899	12.905	(1.000)	955606	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.680	15.685	(0.854)	9726	0.24874	2.5
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	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	18.370	18.375	(1.000)	867481	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.588	18.594	(1.012)	3874	0.04607	0.46(a)
	69 Xylene (m,p)	106	18.823	18.834	(1.025)	5476	0.17392	1.7(aQ)
M	70 Xylenes, Total	106				7809	0.24921	2.5
	71 Xylene (o)	106	19.634	19.629	(1.069)	2333	0.07529	0.75(aM)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	33955	0.60227	6.0(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb017.d	Date:	01-APR-2013 22:57
Client ID:	785VMP0202IA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-7		
Lab Sample ID:	280-39902-7		



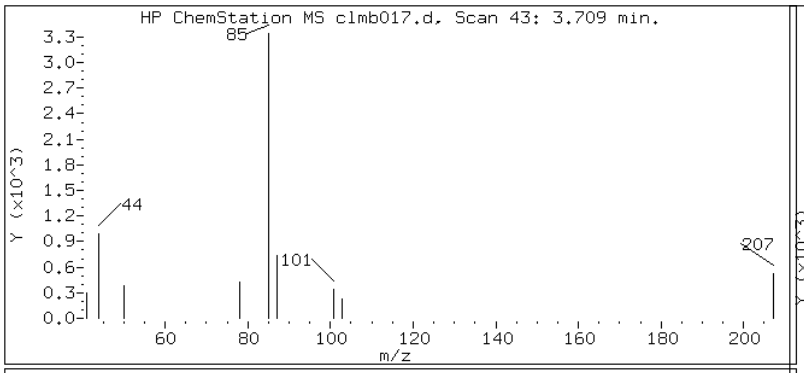
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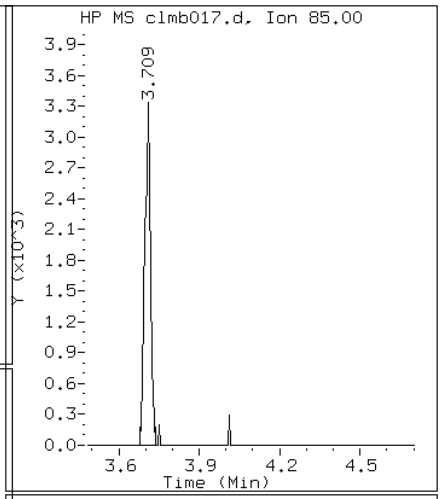
Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

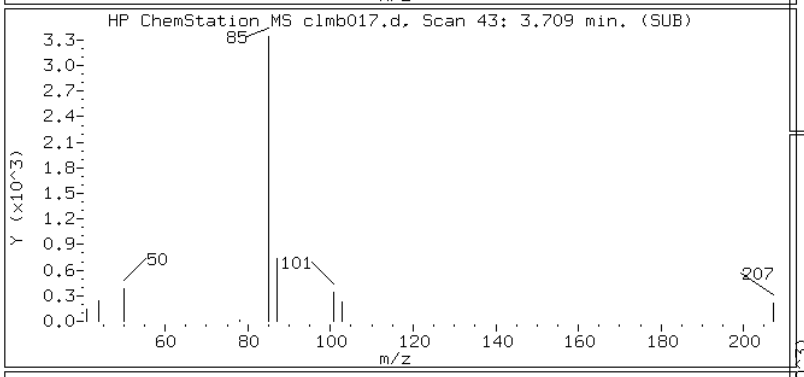
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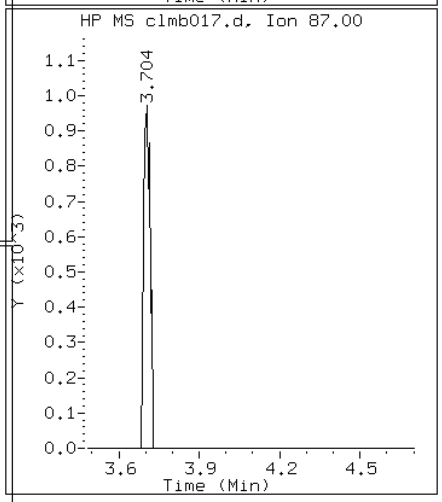
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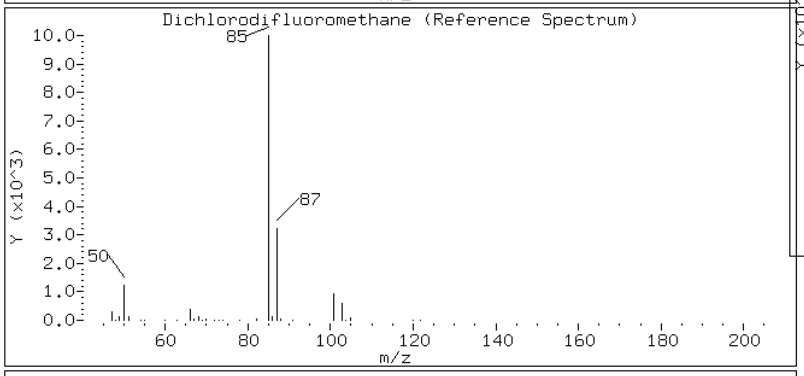
2 Dichlorodifluoromethane

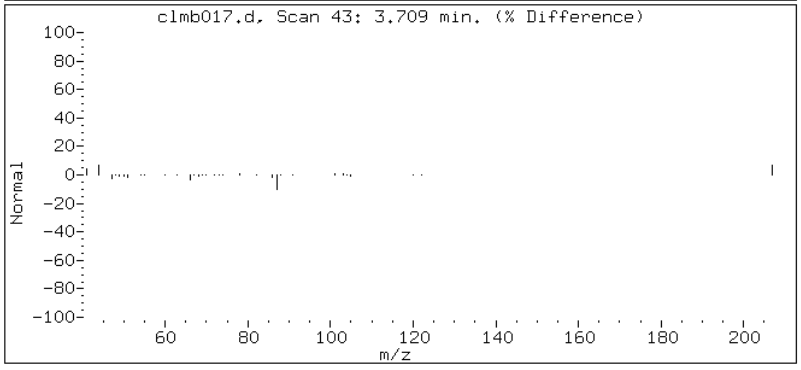












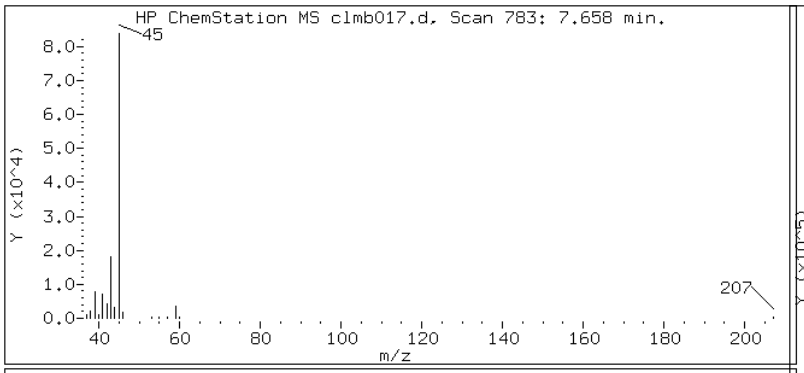
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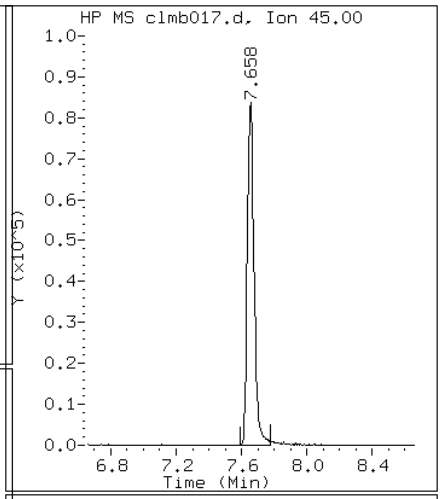
Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

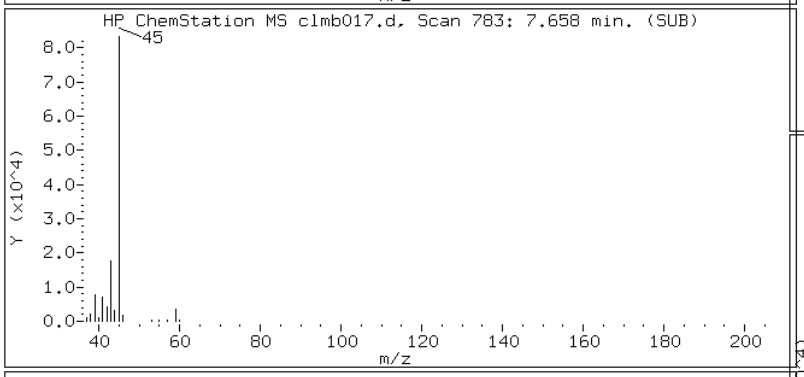
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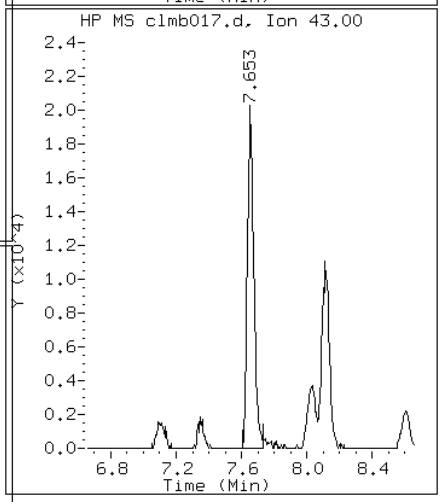
Sample Info: 280-39902-A-7 Operator: wrd

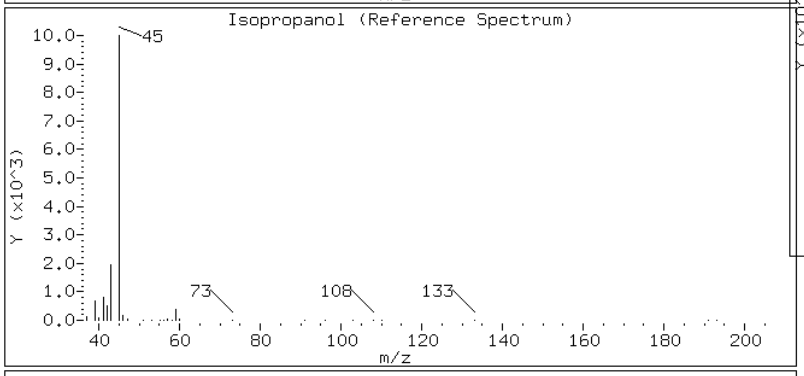
22 Isopropanol

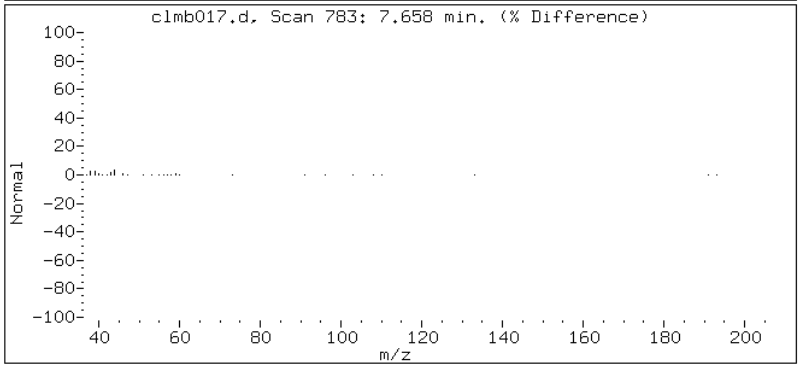












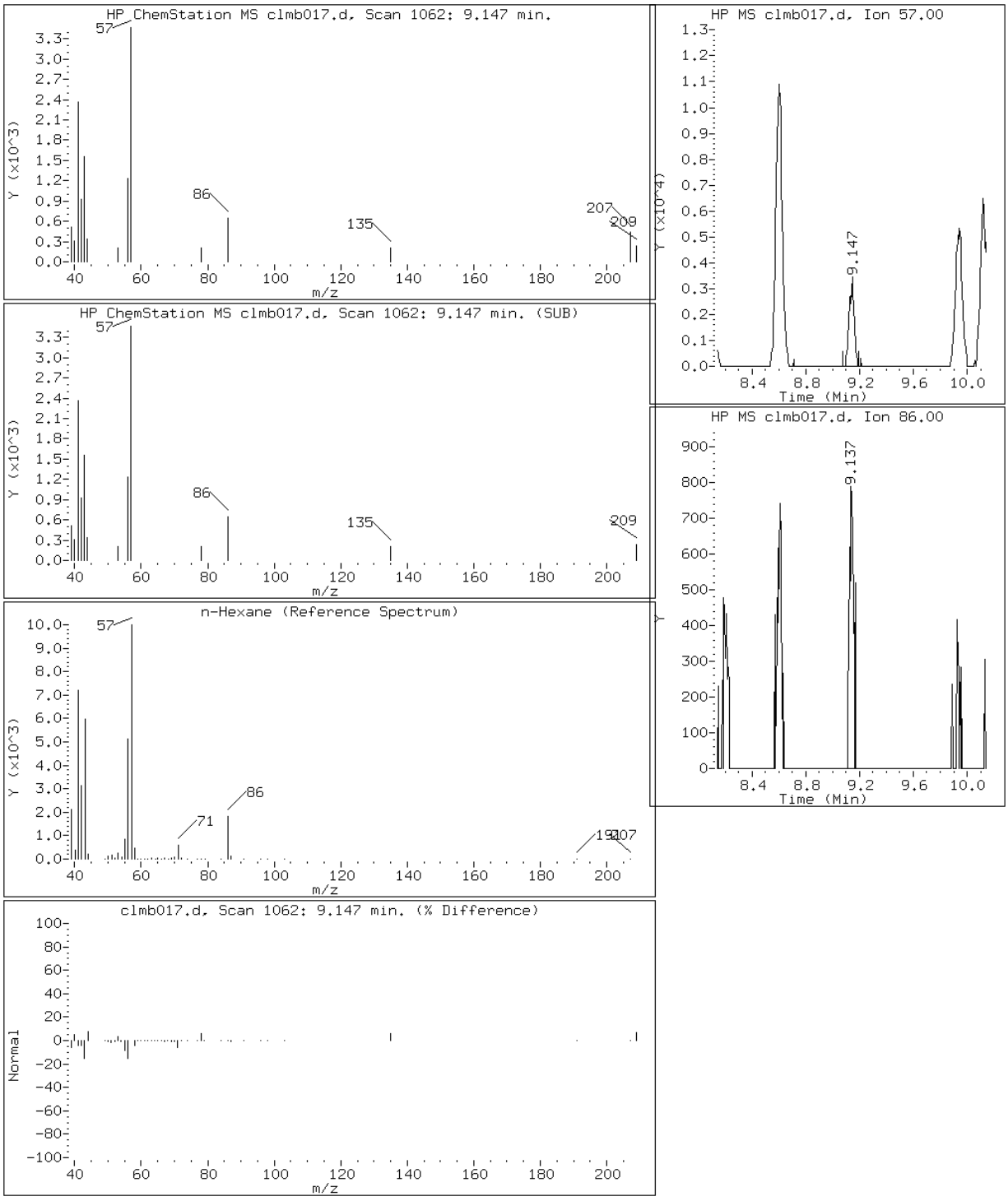
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Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

30 n-Hexane



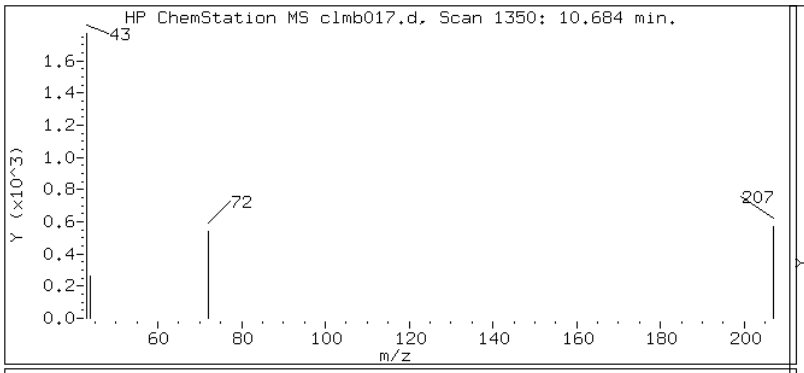
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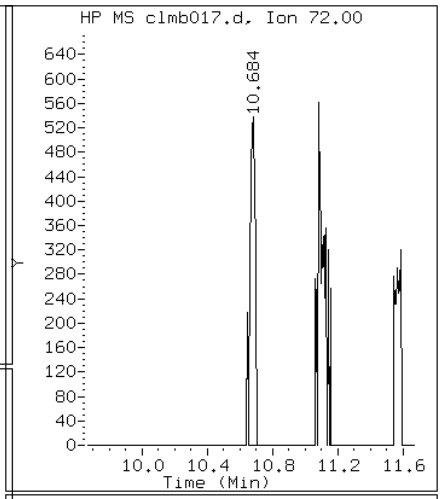
Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

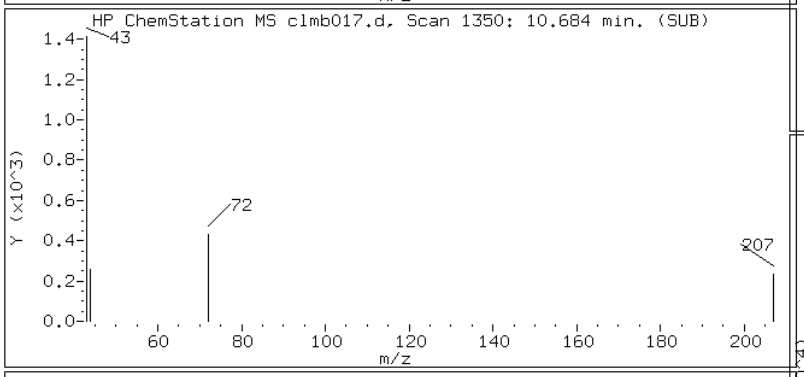
Client ID: 785VMP0202IA Instrument: C.i

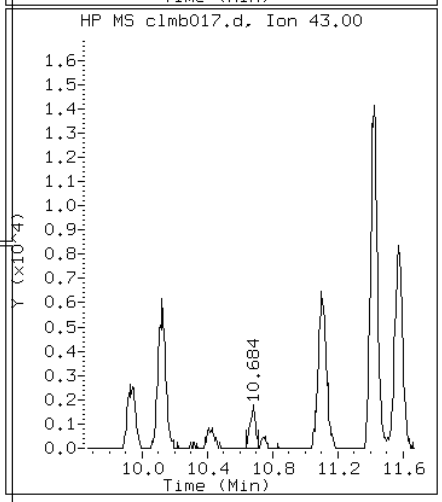
Sample Info: 280-39902-A-7 Operator: wrd

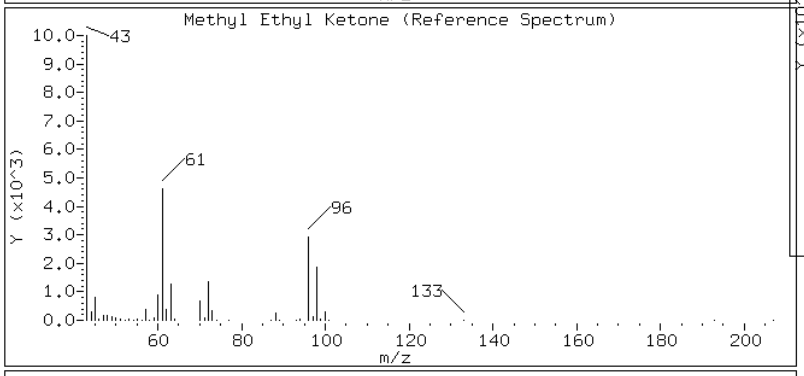
36 Methyl Ethyl Ketone

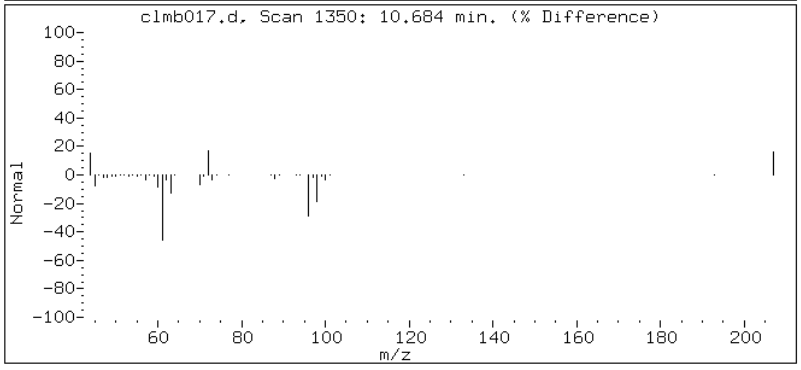












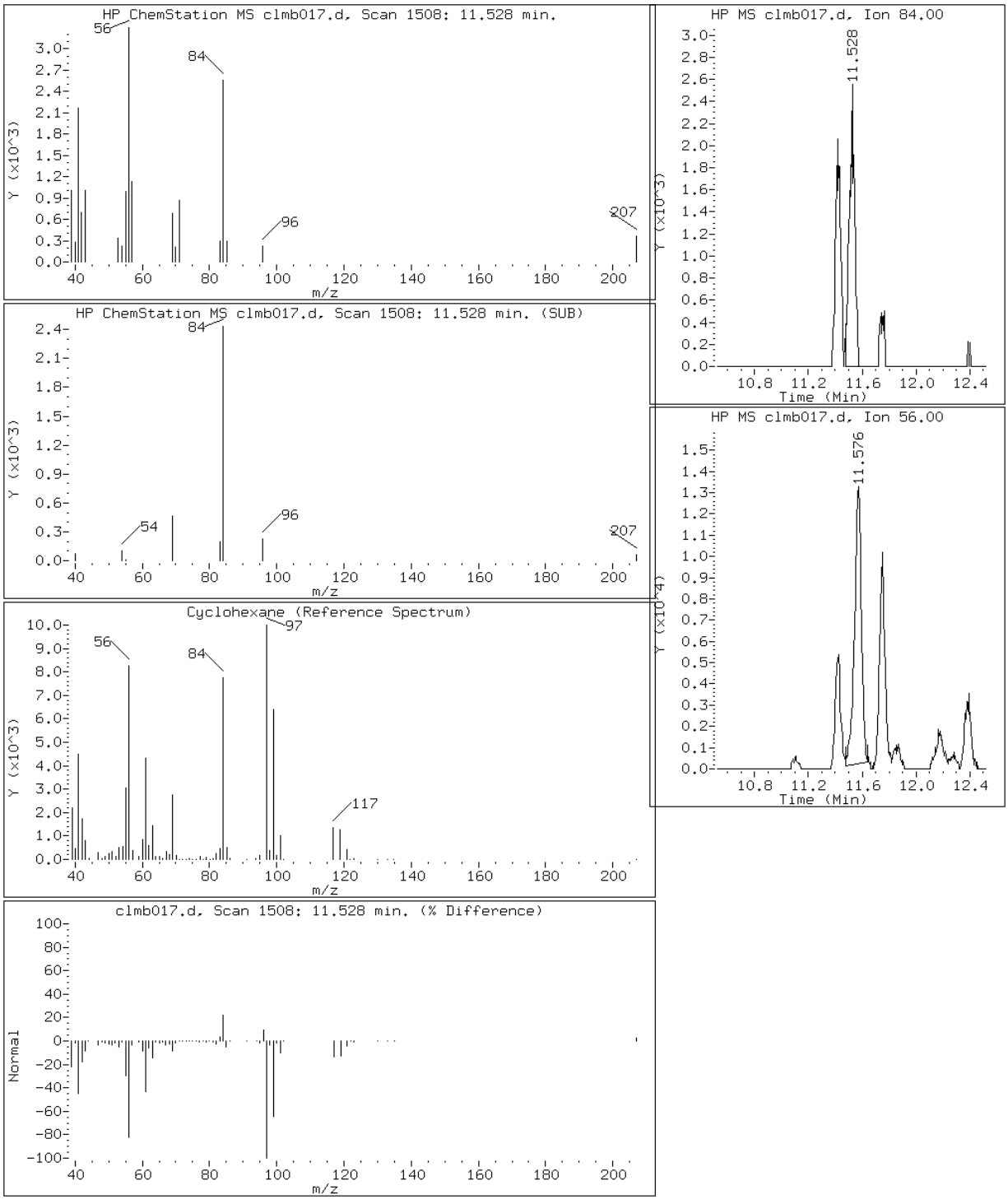
Data File: clmb017.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

40 Cyclohexane



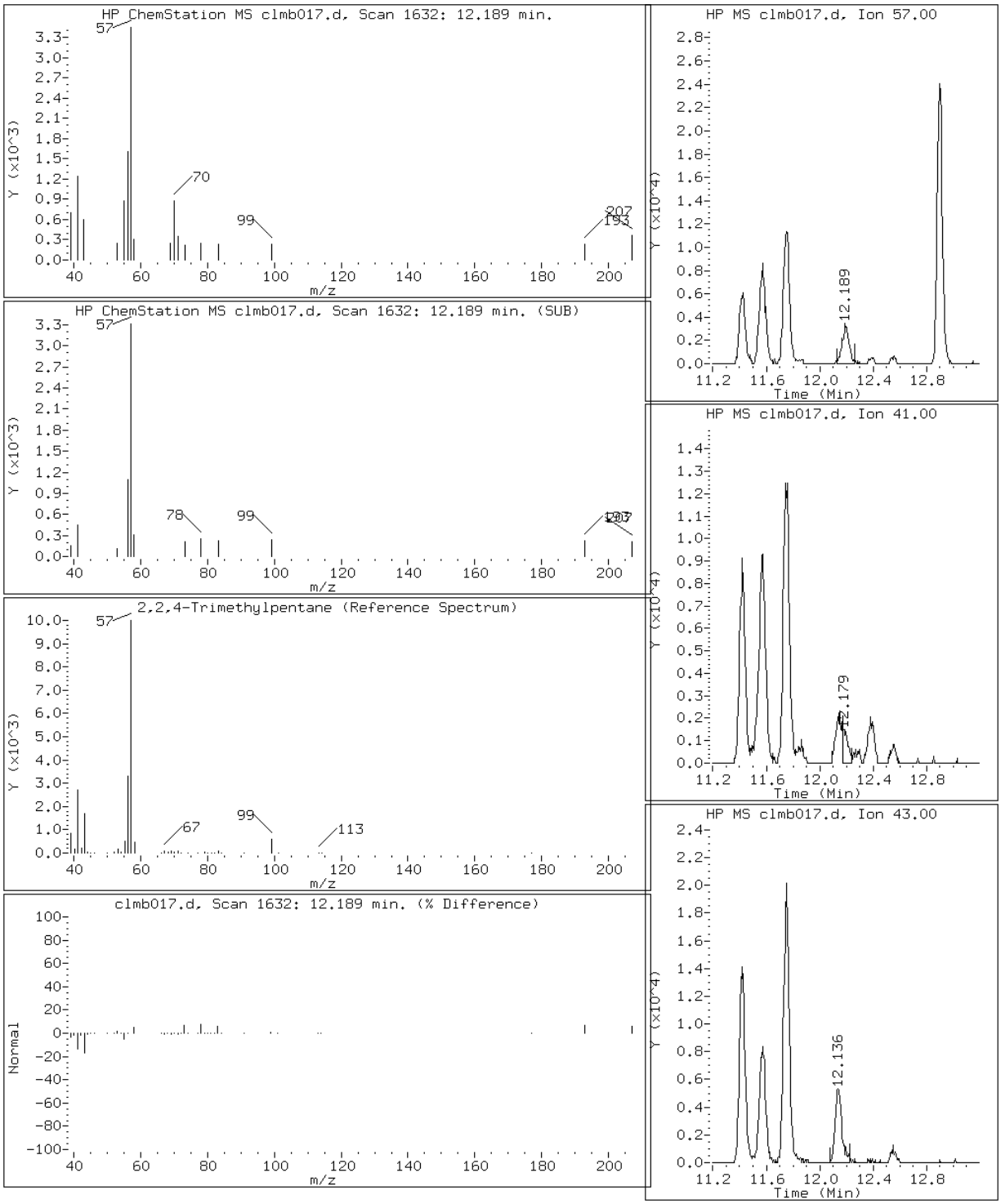
Data File: clmb017.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

43 2,2,4-Trimethylpentane



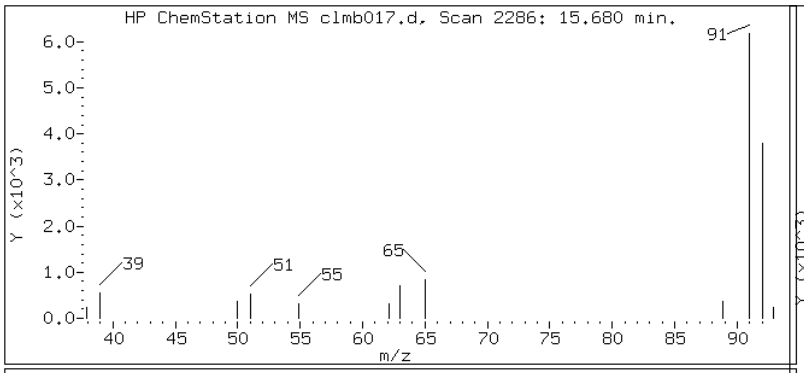
Data File: clmb017.d

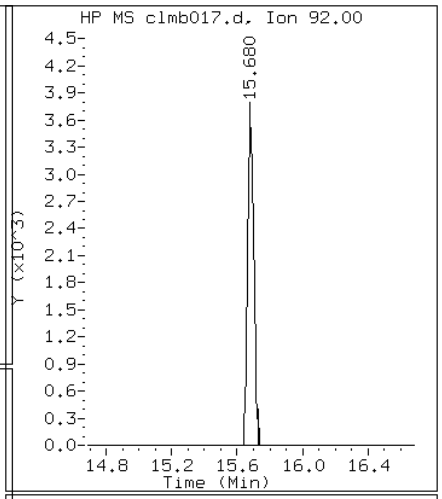
Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

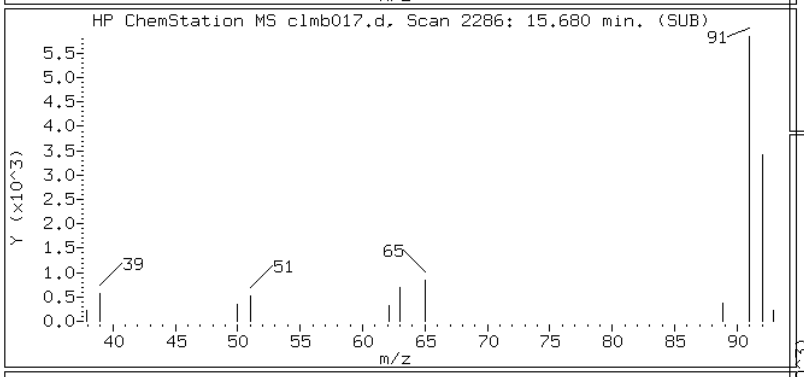
Client ID: 785VMP0202IA Instrument: C.i

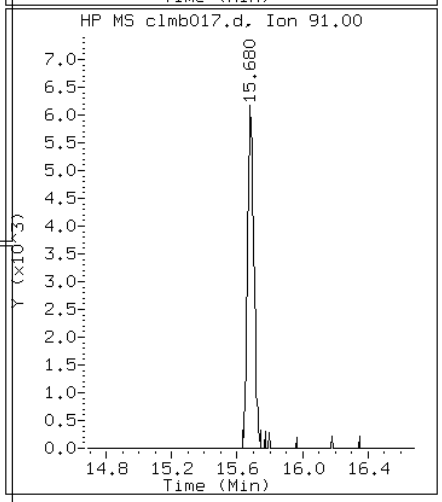
Sample Info: 280-39902-A-7 Operator: wrd

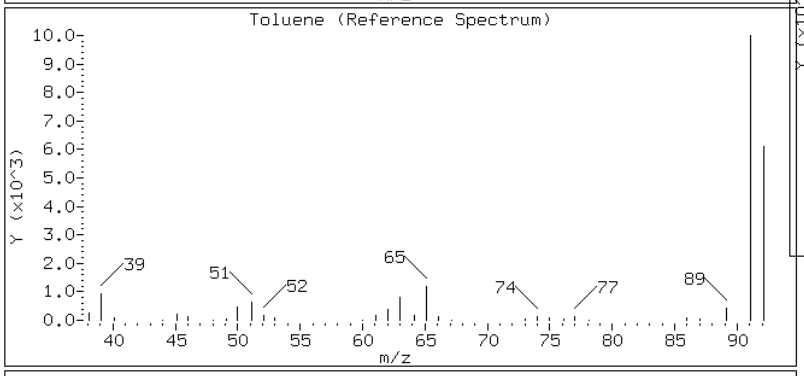
58 Toluene

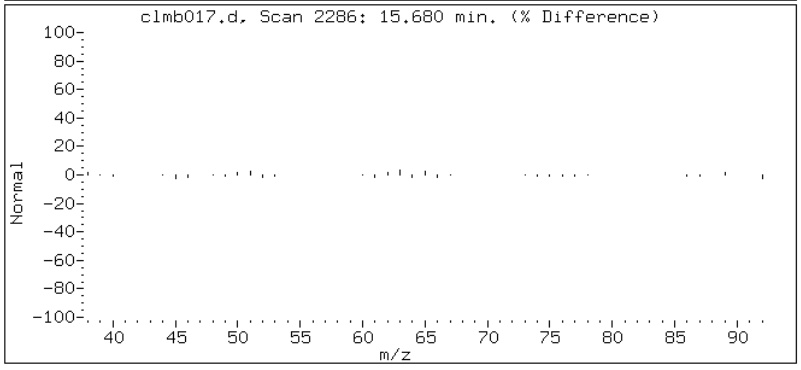












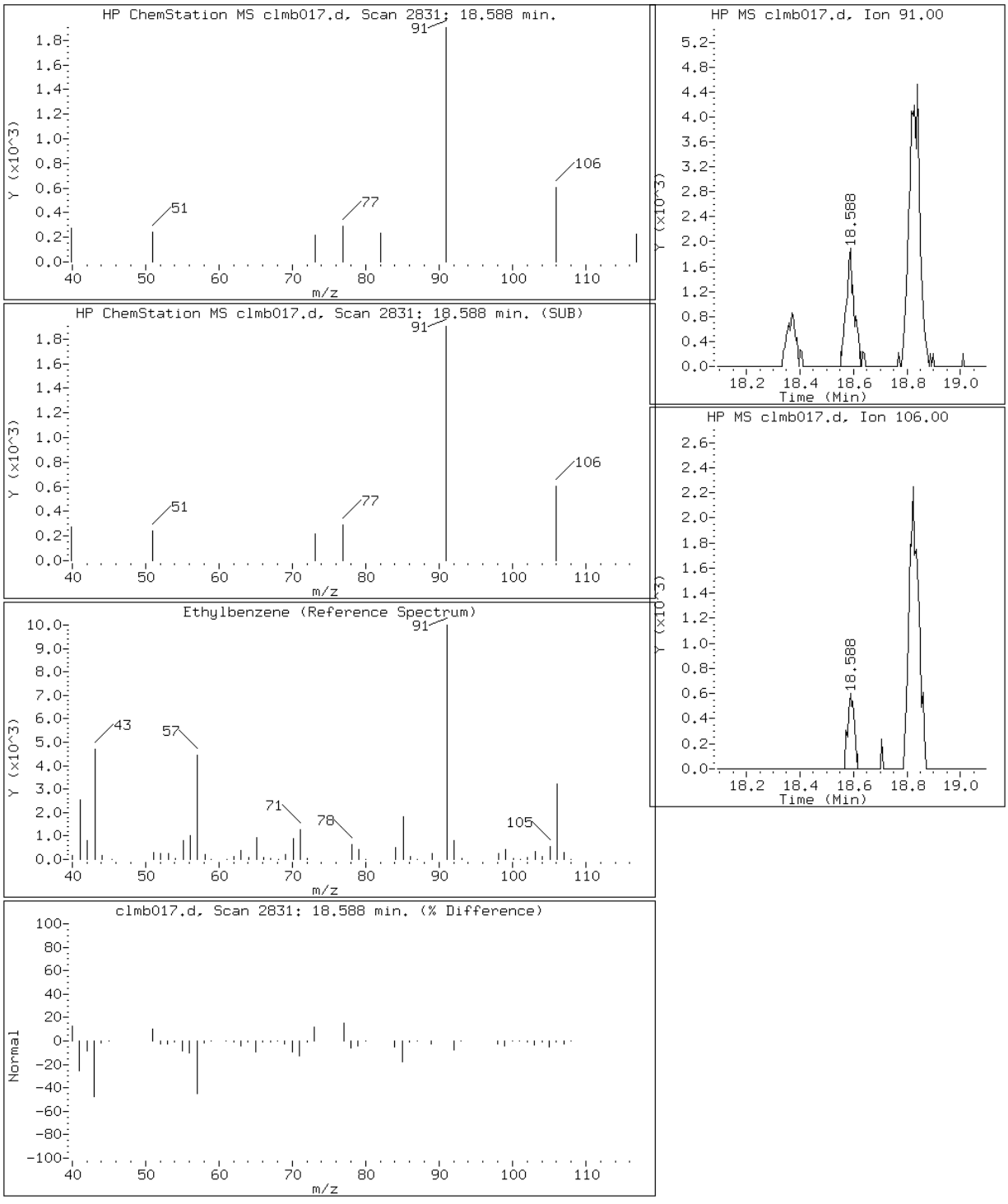
Data File: clmb017.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

68 Ethylbenzene



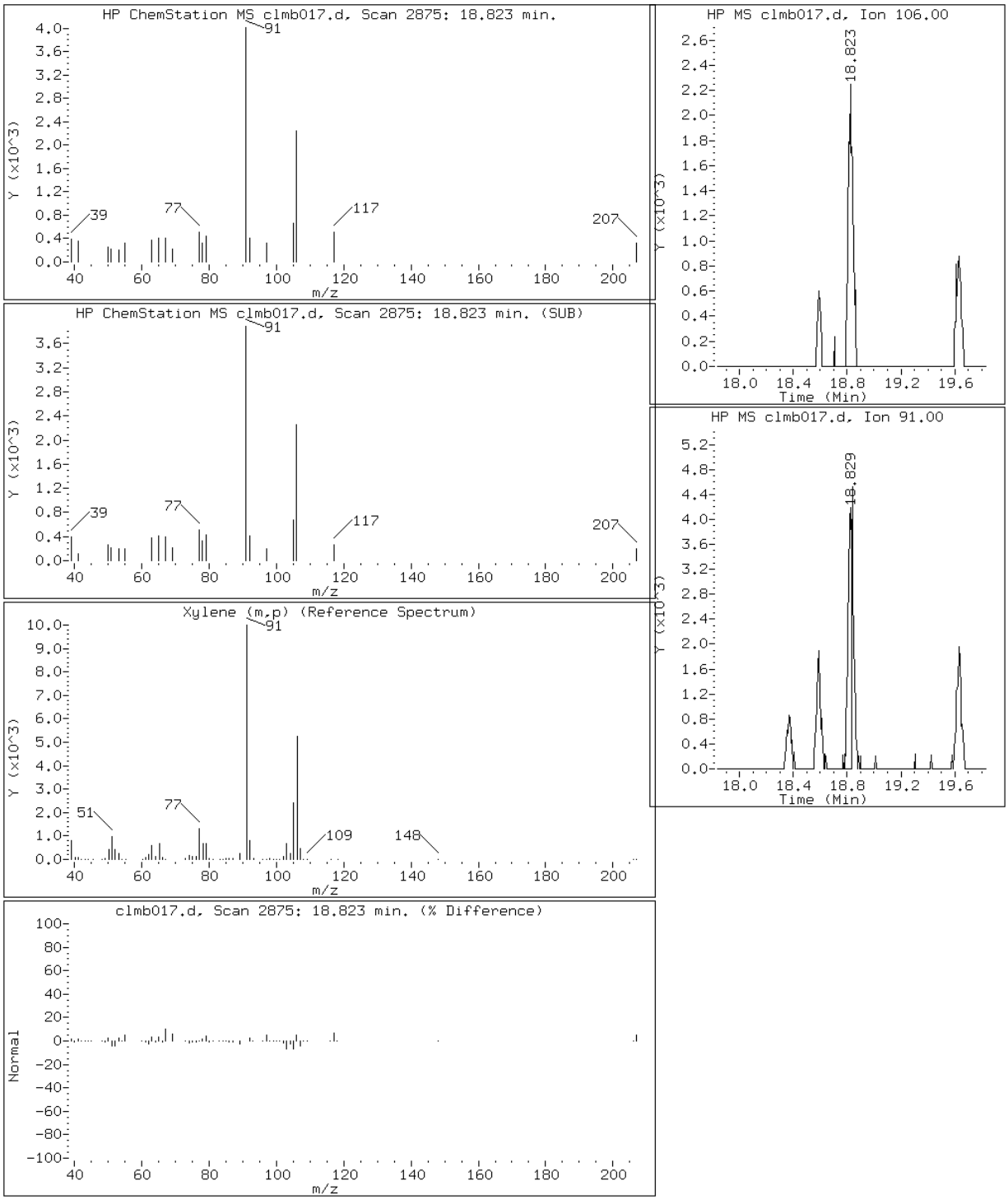
Data File: clmb017.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

69 Xylene (m,p)



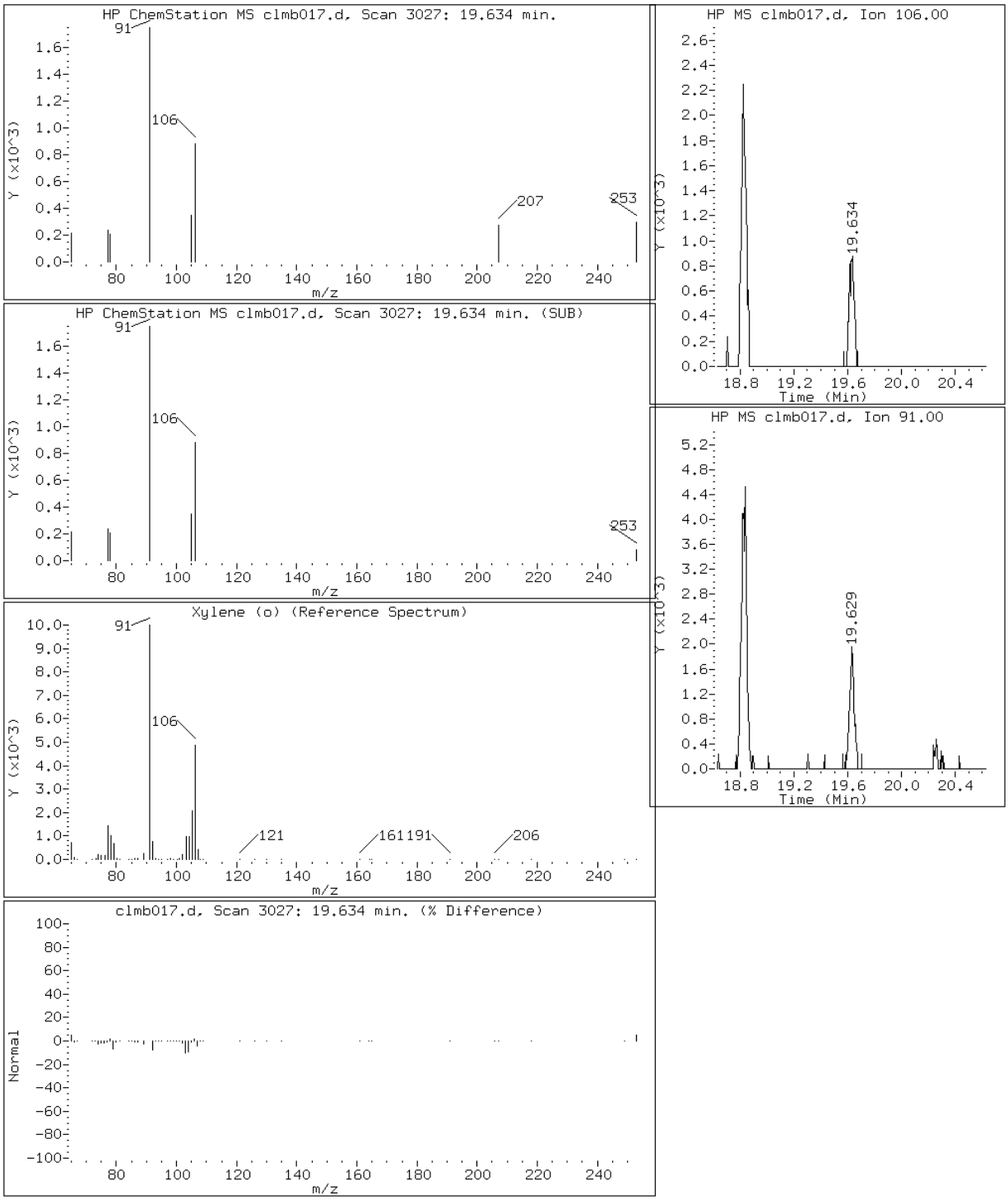
Data File: clmb017.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

71 Xylene (o)



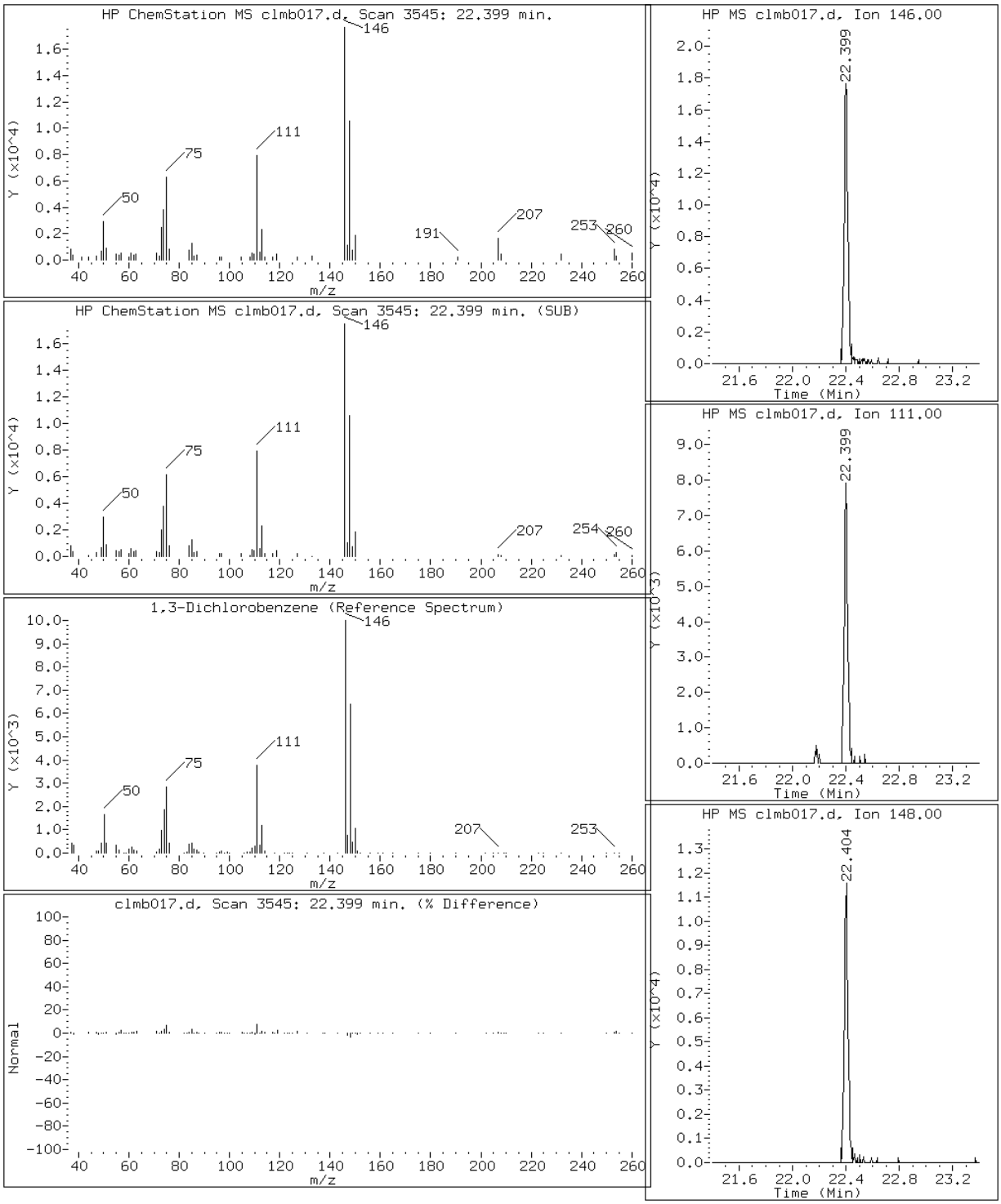
Data File: clmb017.d

Lab Sample ID: 280-39902-7 Date: 01-APR-2013 22:57

Client ID: 785VMP0202IA Instrument: C.i

Sample Info: 280-39902-A-7 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb017.d
Lab Sample ID: 280-39902-7
Inj. Date and Time: 01-APR-2013 22:57
Instrument ID: C.i
Client ID: 785VMP0202IA
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 04/02/2013

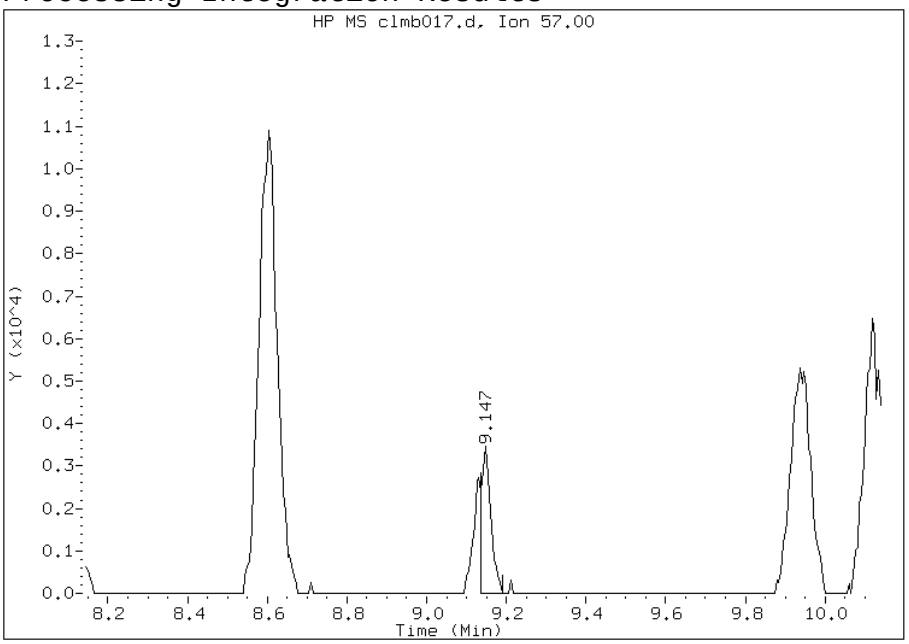
Processing Integration Results

RT: 9.15

Response: 5623

Amount: 0.243620

Conc: 2.44



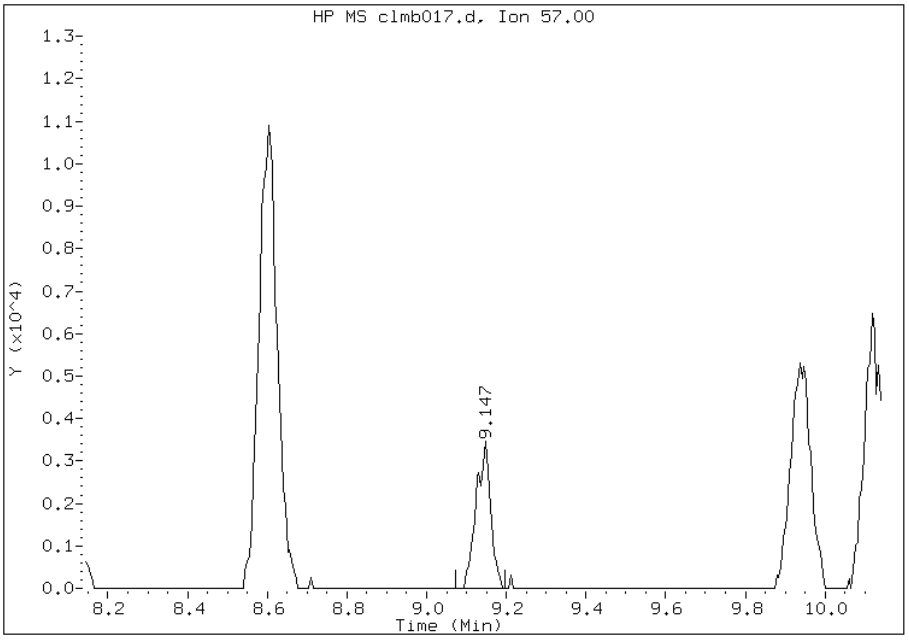
Manual Integration Results

RT: 9.15

Response: 8758

Amount: 0.379446

Conc: 3.79



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Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb017.d
Lab Sample ID: 280-39902-7
Inj. Date and Time: 01-APR-2013 22:57
Instrument ID: C.i
Client ID: 785VMP0202IA
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 04/02/2013

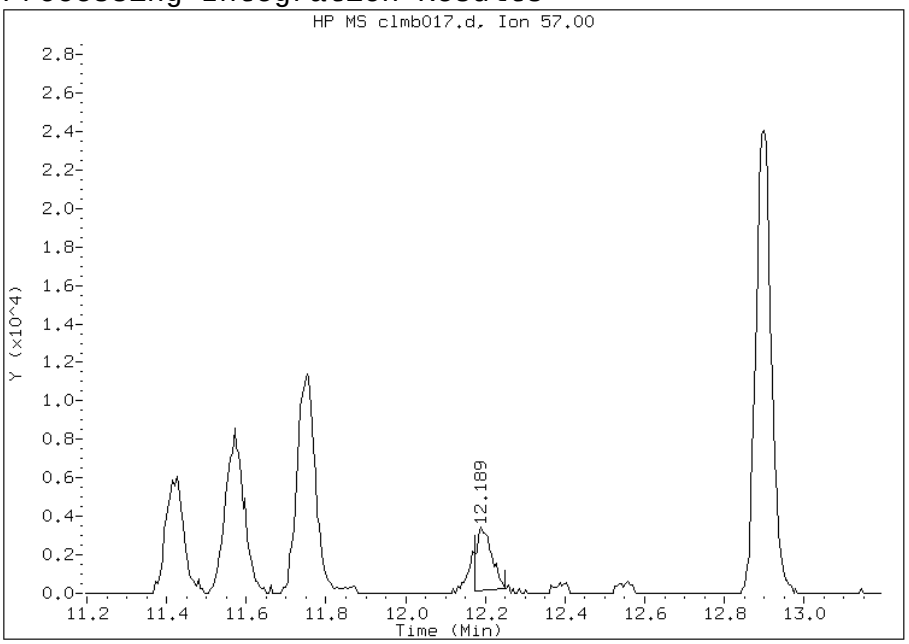
Processing Integration Results

RT: 12.19

Response: 8667

Amount: 0.124016

Conc: 1.24



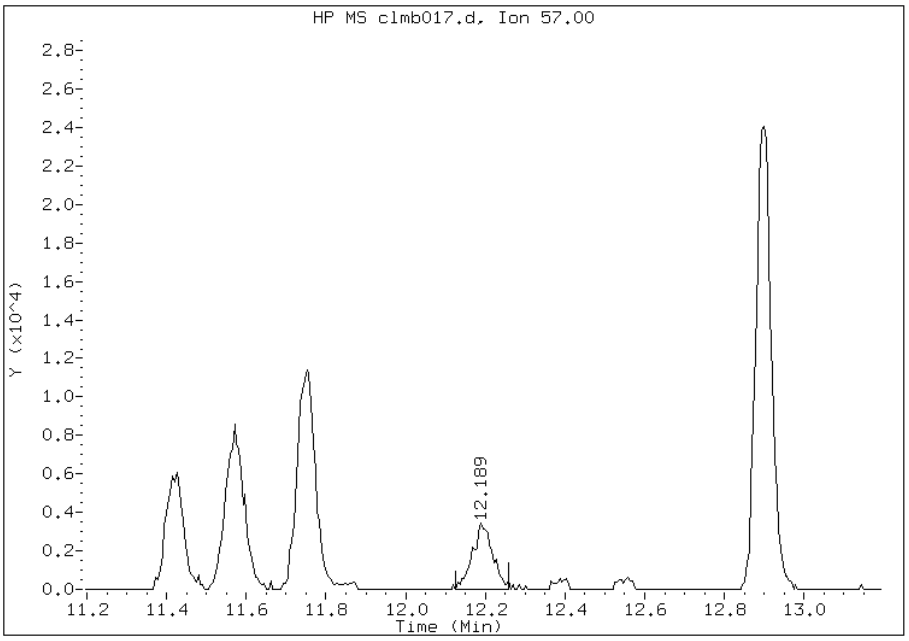
Manual Integration Results

RT: 12.19

Response: 12087

Amount: 0.172959

Conc: 1.73



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Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb017.d
Lab Sample ID: 280-39902-7
Inj. Date and Time: 01-APR-2013 22:57
Instrument ID: C.i
Client ID: 785VMP0202IA
Compound: 71 Xylene (o)
CAS #: 95-47-6
Report Date: 04/02/2013

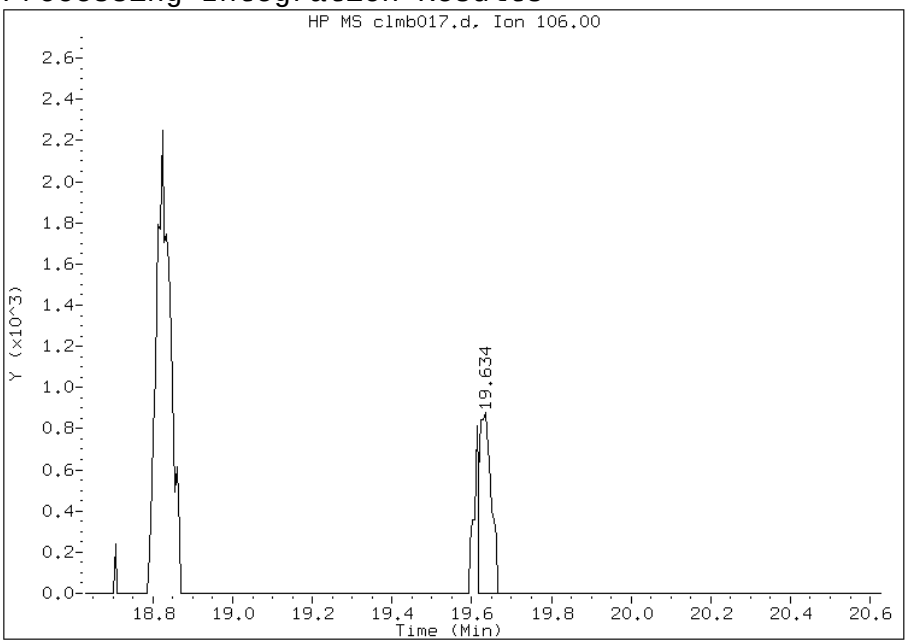
Processing Integration Results

RT: 19.63

Response: 1765

Amount: 0.056959

Conc: 0.569590



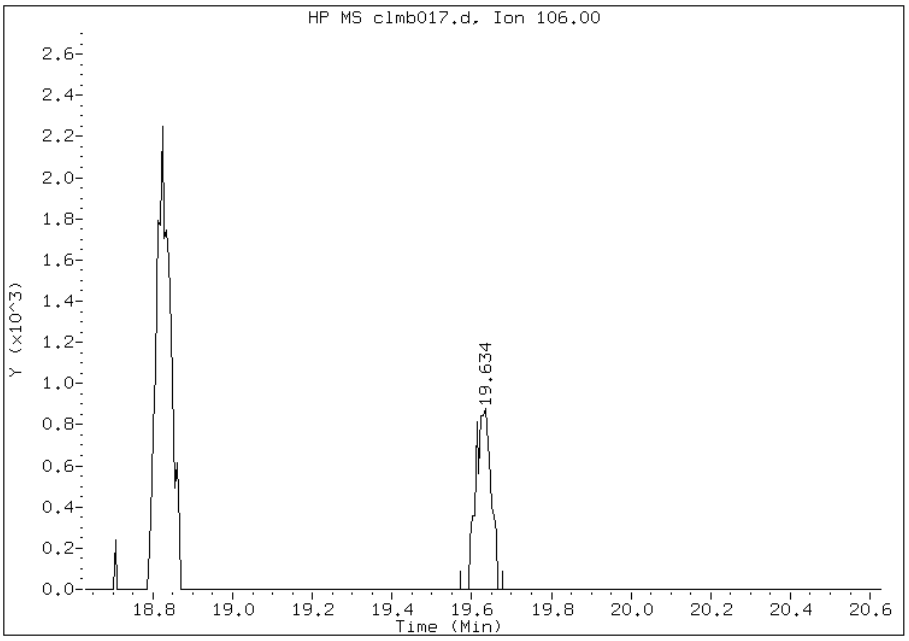
Manual Integration Results

RT: 19.63

Response: 2333

Amount: 0.075289

Conc: 0.752892



File Uploaded By: lyonsb
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA Lab Sample ID: 280-39902-8

Matrix: Air Lab File ID: clmb014.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.020
75-45-6	Freon 22	86.47	0.22	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.074	J	0.50	0.034
106-97-8	n-Butane	58.12	0.18	J	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.021
76-13-1	Freon TF	187.38	0.084	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	3.4	J	5.0	0.40
67-63-0	*Isopropyl alcohol*	*60.10*	*82*	*J*	*5.0*	*0.076*
75-15-0	Carbon disulfide	76.14	0.16	J	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.15	J M	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.6		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.5		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	2.0		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.068	J M	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.2		0.20	0.015
71-43-2	Benzene	78.11	0.19	J M	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA Lab Sample ID: 280-39902-8

Matrix: Air Lab File ID: clmb014.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.88		0.20	0.017
79-01-6	Trichloroethene	131.39	0.57		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	2.2		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.091	J M	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.72		0.20	0.015
179601-23-1	m,p-Xylene	106.17	2.0		0.50	0.022
95-47-6	Xylene, o-	106.17	0.79		0.20	0.016
1330-20-7	Xylene (total)	106.17	2.8		0.20	0.016
100-42-5	Styrene	104.15	0.083	J M	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.10	J	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.099	J	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.29		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	5.0		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA Lab Sample ID: 280-39902-8

Matrix: Air Lab File ID: clmb014.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA Lab Sample ID: 280-39902-8

Matrix: Air Lab File ID: clmb014.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.099
75-45-6	Freon 22	86.47	0.77	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.15	J	1.0	0.070
106-97-8	n-Butane	58.12	0.44	J	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.12
76-13-1	Freon TF	187.38	0.64	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	8.1	J	12	0.95
67-63-0	*Isopropyl alcohol*	*60.10*	*200*	*J*	*12*	*0.19*
75-15-0	Carbon disulfide	76.14	0.48	J	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.52	J M	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	9.3		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	4.4		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	6.8		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.43	J M	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	5.5		0.93	0.070
71-43-2	Benzene	78.11	0.61	J M	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA Lab Sample ID: 280-39902-8

Matrix: Air Lab File ID: clmb014.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	3.6		0.82	0.070
79-01-6	Trichloroethene	131.39	3.0		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	8.1		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.62	J M	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	3.1		0.87	0.065
179601-23-1	m,p-Xylene	106.17	8.7		2.2	0.096
95-47-6	Xylene, o-	106.17	3.4		0.87	0.069
1330-20-7	Xylene (total)	106.17	12		0.87	0.069
100-42-5	Styrene	104.15	0.35	J M	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.49	J	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.49	J	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	1.4		0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	30		1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA Lab Sample ID: 280-39902-8

Matrix: Air Lab File ID: clmb014.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 20:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-8
Client Smp ID: 785VMP0401HA
Inj Date : 01-APR-2013 20:18
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-8
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	41743	0.52533	0.53
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	7710	0.21741	0.22(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.147	4.136	(0.375)	1109	0.07438	0.074(a)
6 Butane	43	4.376	4.376	(0.395)	4286	0.18354	0.18(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.993	5.999	(0.541)	16808	0.23625	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.114	7.125	(0.643)	3443	0.08350	0.084(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.333	7.333	(0.662)	62937	3.40595	3.4(aQ)

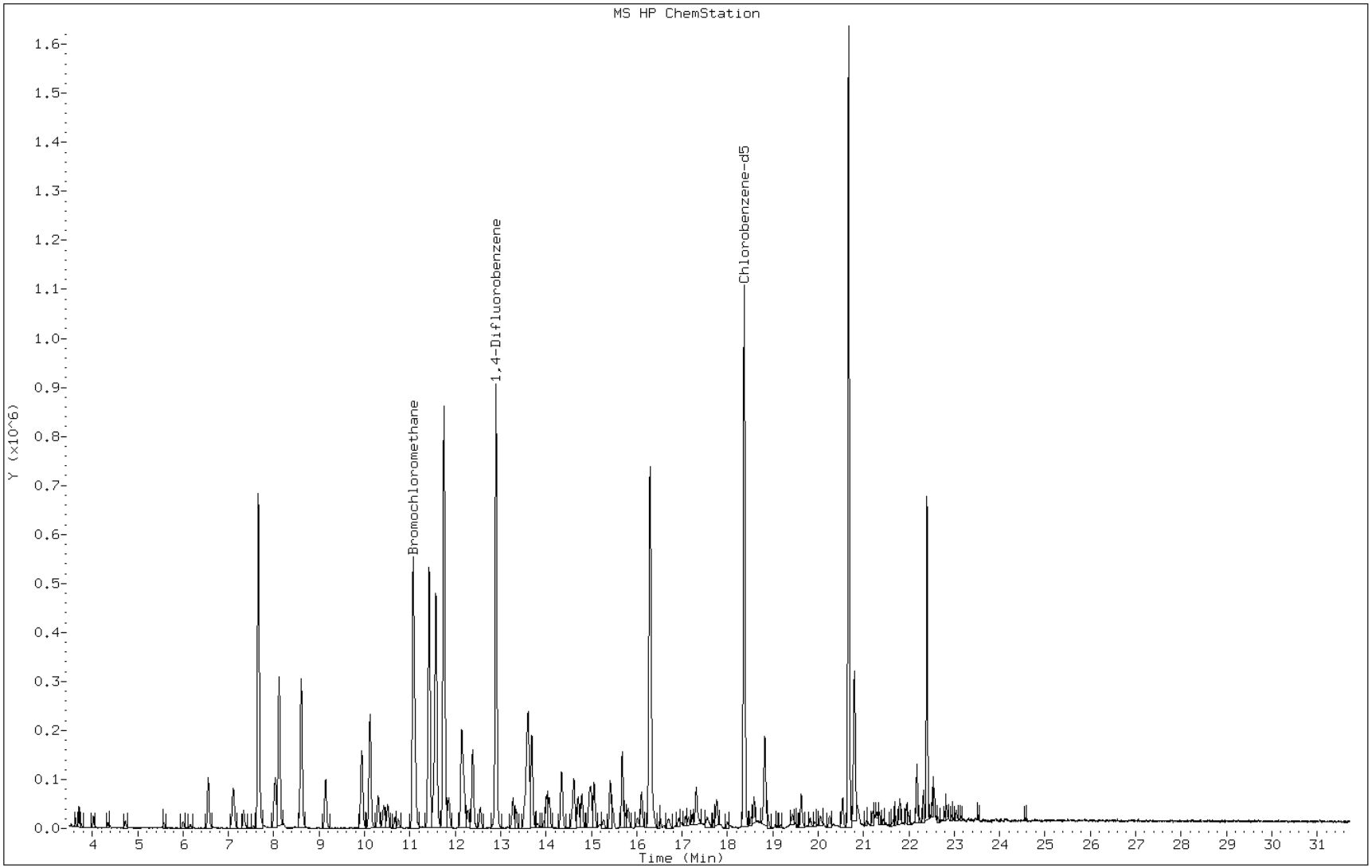
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	21 Carbon disulfide	76	7.552	7.546	(0.682)	8102	0.15548	0.16(a)
	22 Isopropanol	45	7.658	7.658	(0.692)	1203716	82.3585	82(A)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.203	8.208	(0.741)	2671	0.14894	0.15(aQM)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.142	9.142	(0.826)	69299	2.64772	2.6
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.668	10.668	(0.964)	11596	1.50096	1.5
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	202436	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.522	11.522	(0.893)	54092	1.97272	2.0(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.763	11.763	(0.912)	4295	0.06817	0.068(aM)
	43 2,2,4-Trimethylpentane	57	12.200	12.195	(0.946)	93265	1.17917	1.2(Q)
	44 Benzene	78	12.163	12.152	(0.943)	11491	0.19096	0.19(aM)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.547	12.552	(0.973)	21537	0.87510	0.88
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1081505	10.0000	
	49 Trichloroethene	95	13.348	13.342	(1.035)	18210	0.56705	0.57
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.685	15.685	(0.854)	98582	2.15919	2.2
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	16.721	16.710	(0.910)	4182	0.09090	0.091(aM)
	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	18.370	18.375	(1.000)	1012925	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.588	18.594	(1.012)	70324	0.71623	0.72
	69 Xylene (m,p)	106	18.823	18.834	(1.025)	73823	2.00803	2.0
M	70 Xylenes, Total	106				102266	2.79412	2.8
	71 Xylene (o)	106	19.629	19.629	(1.069)	28443	0.78610	0.79
	72 Styrene	104	19.661	19.672	(1.070)	4334	0.08330	0.083(aQM)
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	21.241	21.246	(1.156)	10746	0.10053	0.10(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	9491	0.09934	0.099(aQ)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	21.951	21.945	(1.195)	27208	0.29187	0.29(Q)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	330023	5.01323	5.0(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clmb014.d	Date:	01-APR-2013 20:18
Client ID:	785VMP0401HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-8		
Lab Sample ID:	280-39902-8		



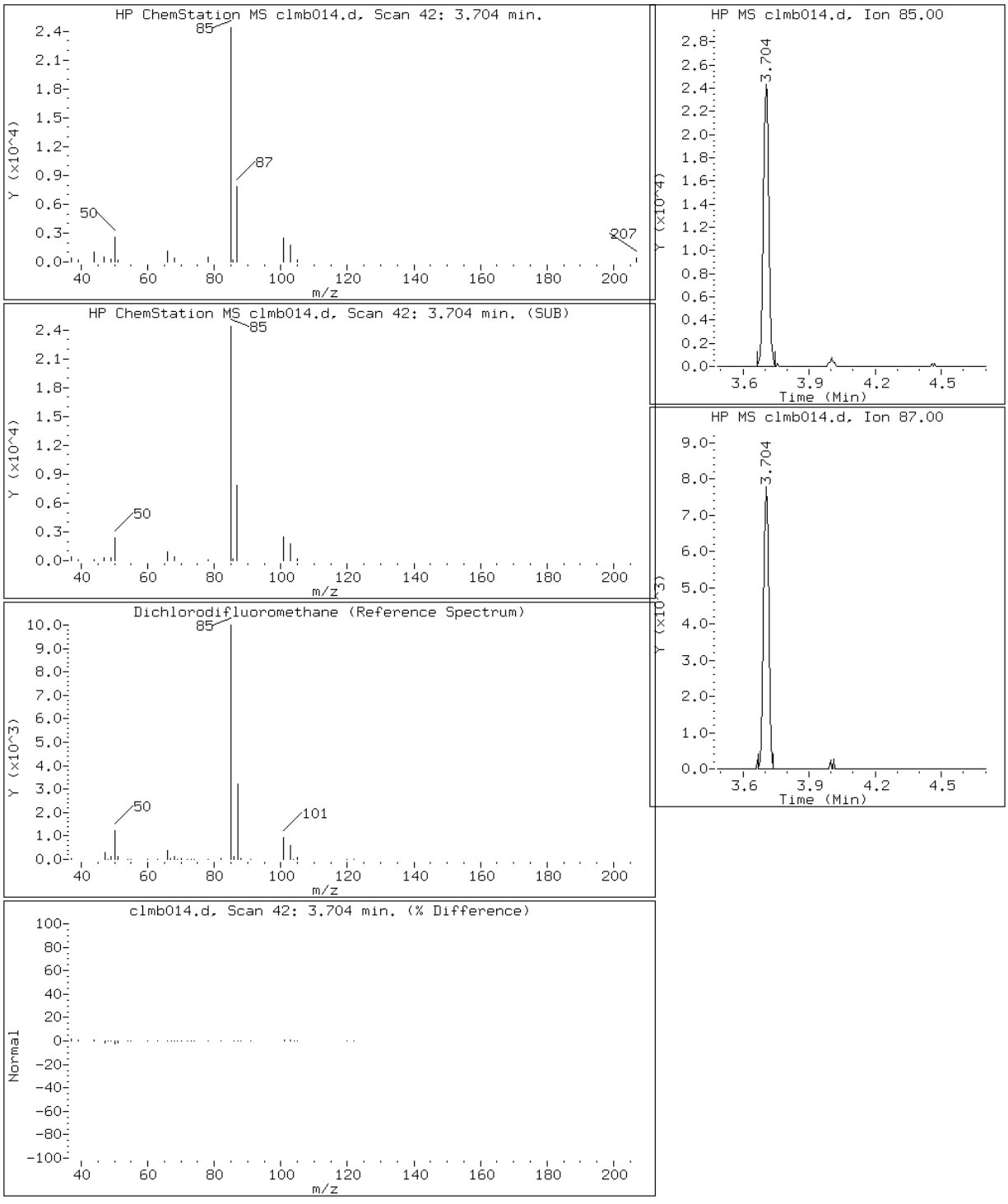
Data File: clmb014.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

2 Dichlorodifluoromethane



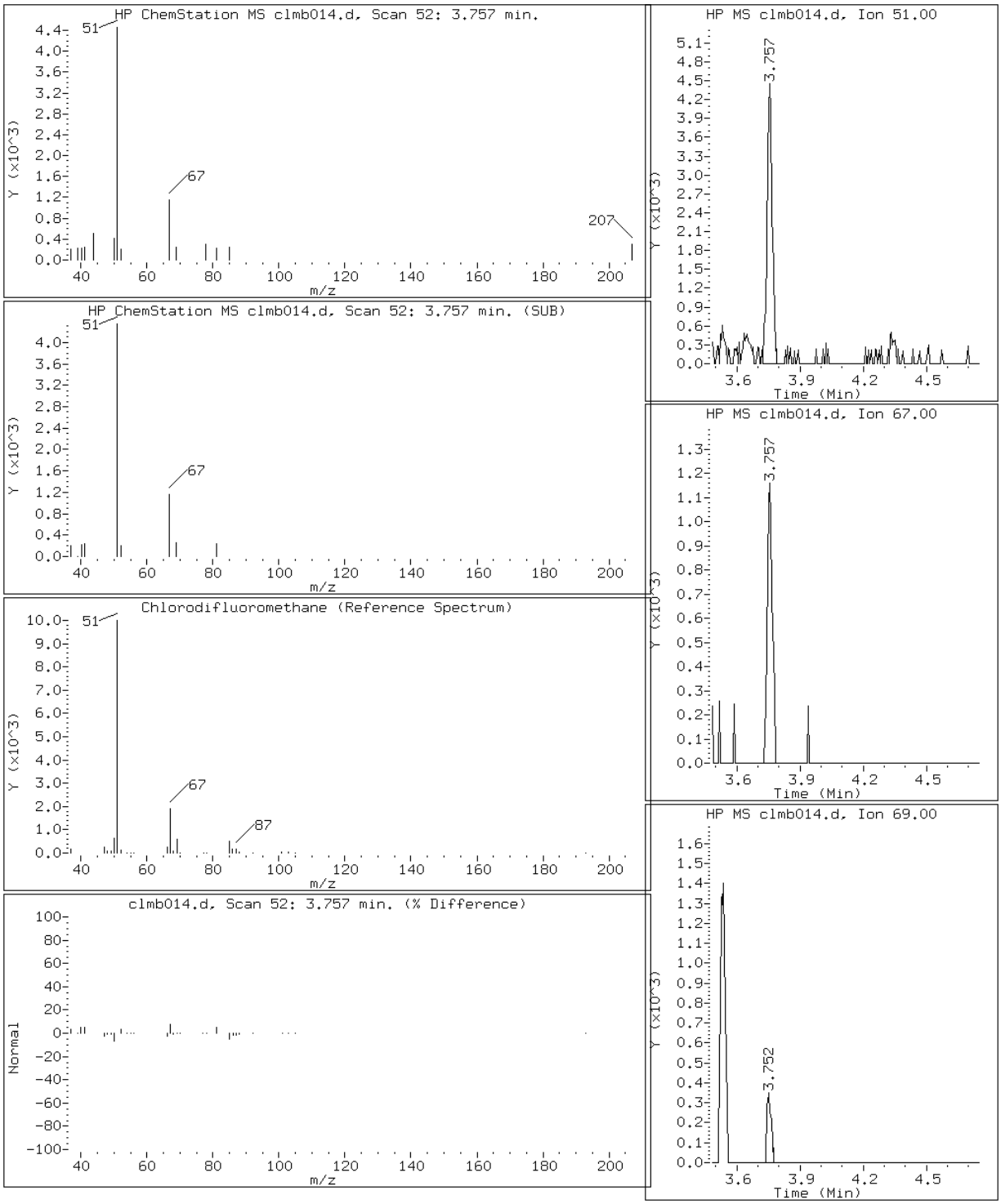
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

3 Chlorodifluoromethane



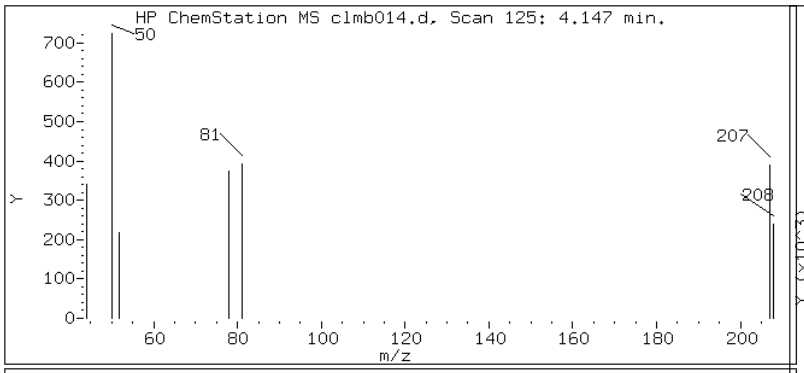
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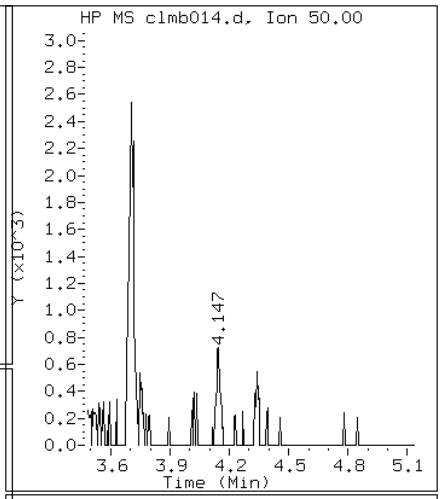
Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

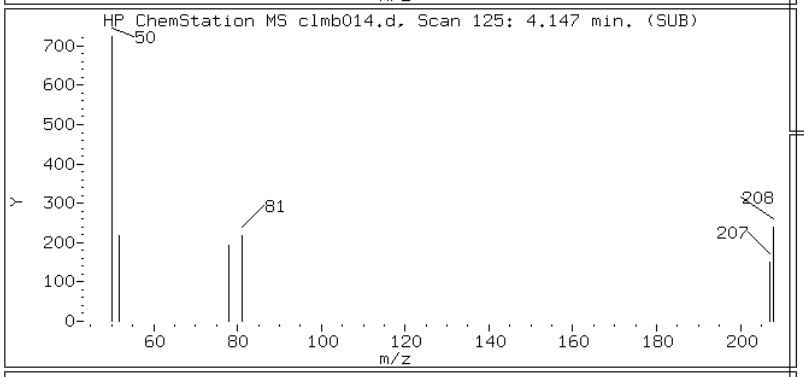
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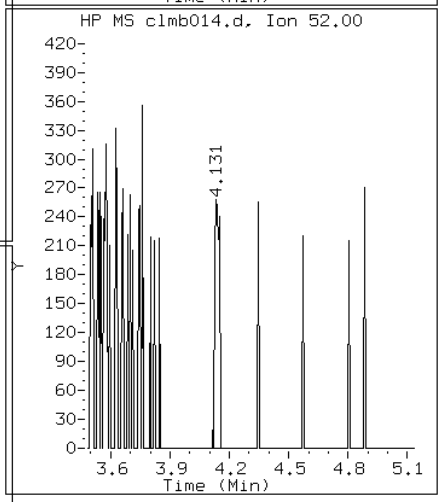
Sample Info: 280-39902-A-8 Operator: wrd

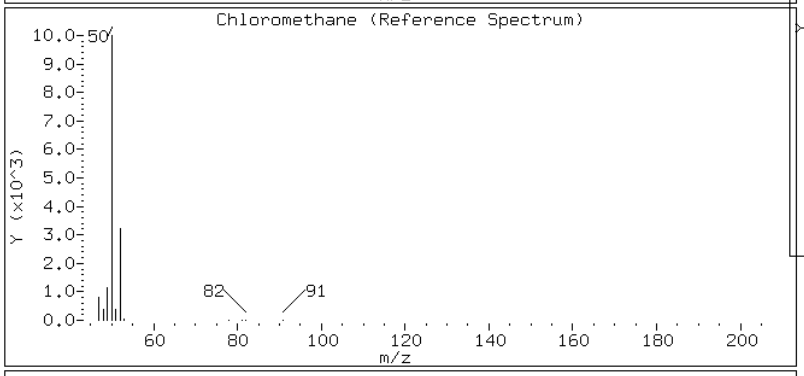
5 Chloromethane

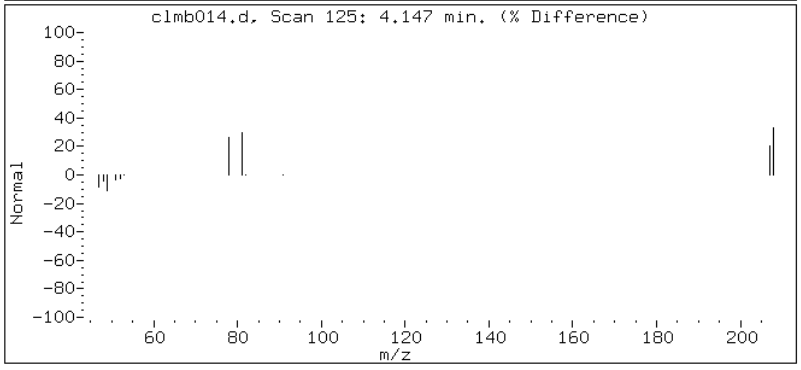












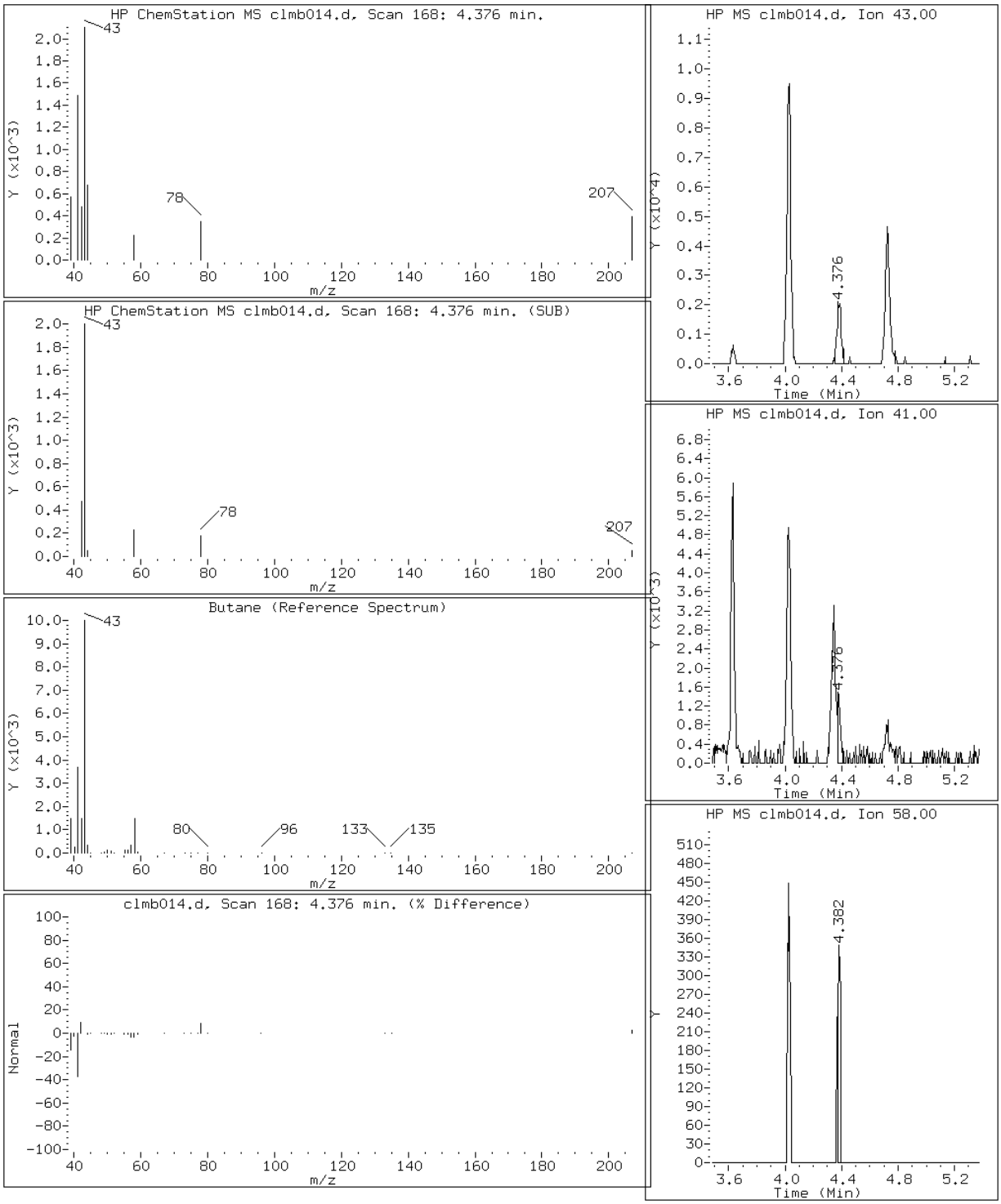
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

6 Butane



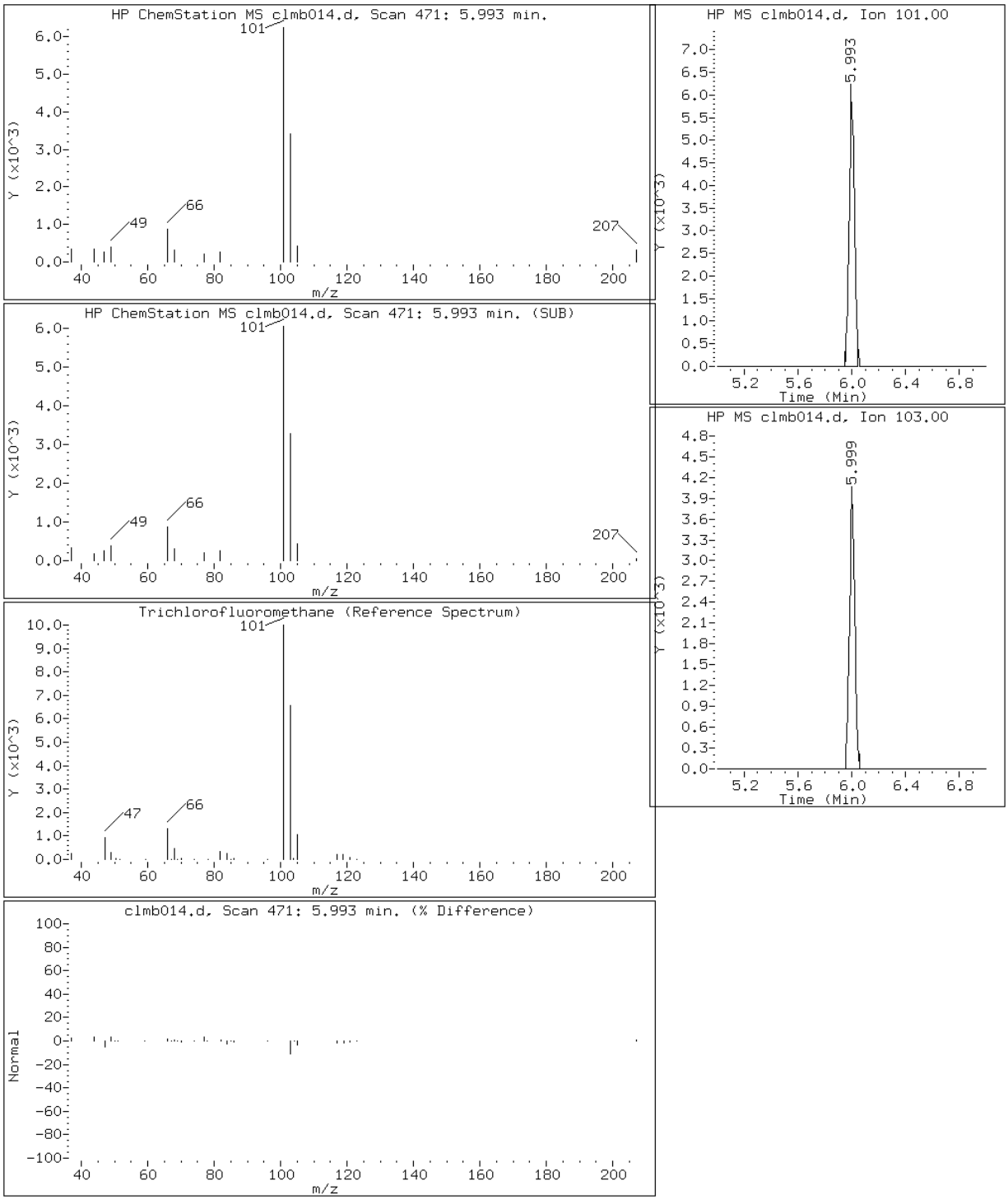
Data File: clmb014.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

13 Trichlorofluoromethane



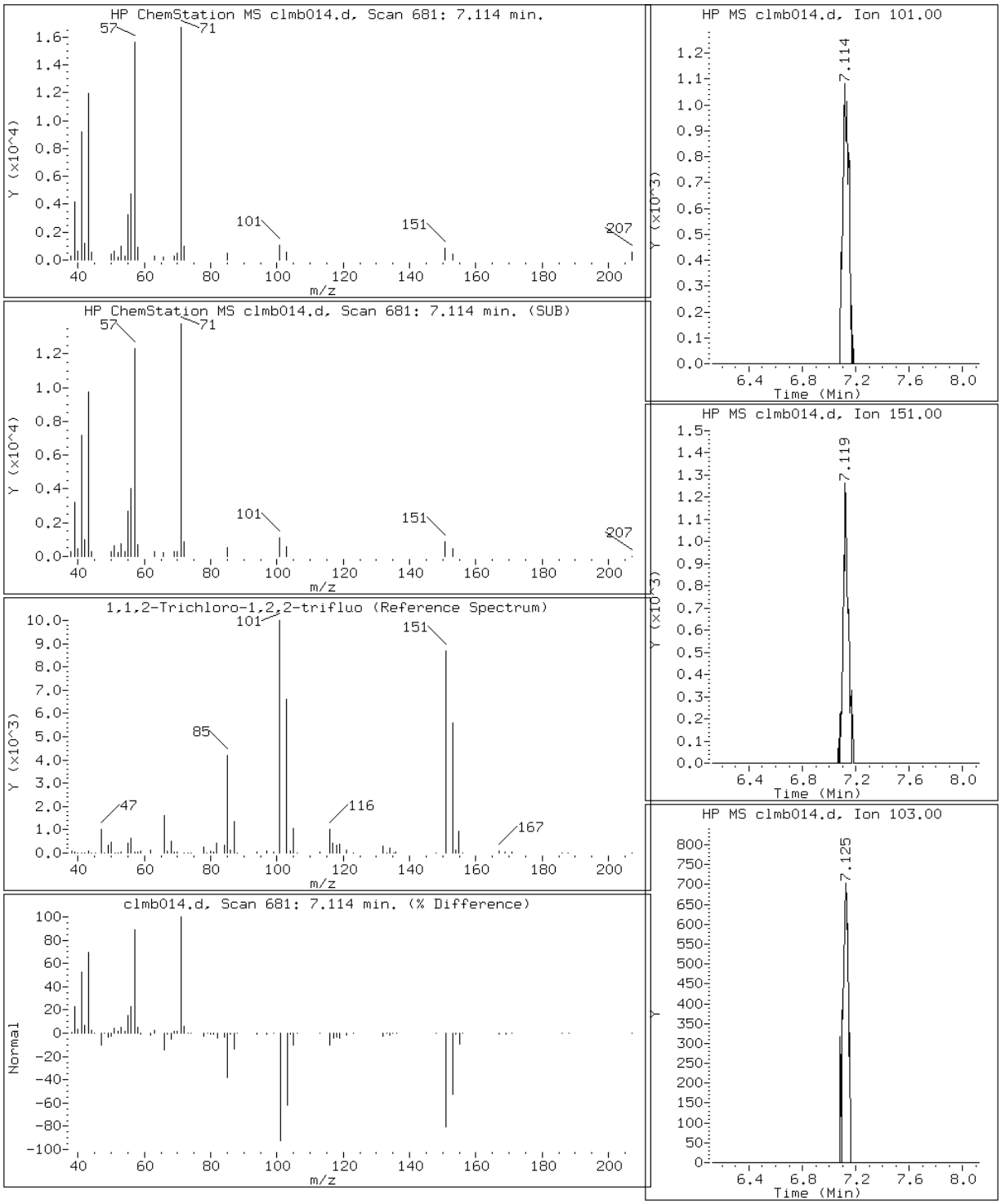
Data File: clmb014.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



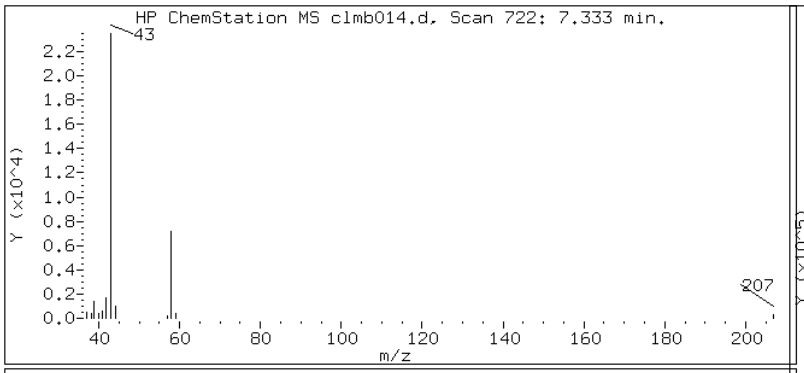
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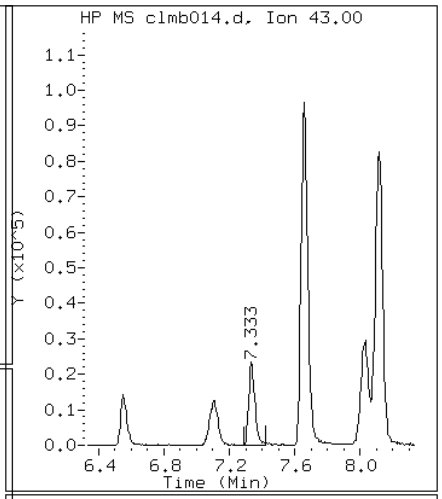
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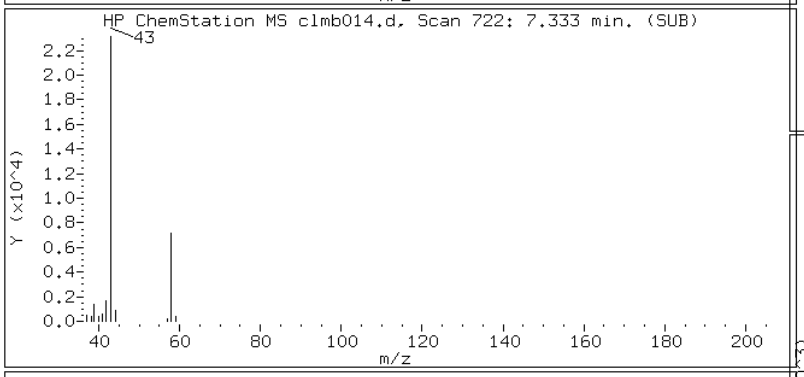
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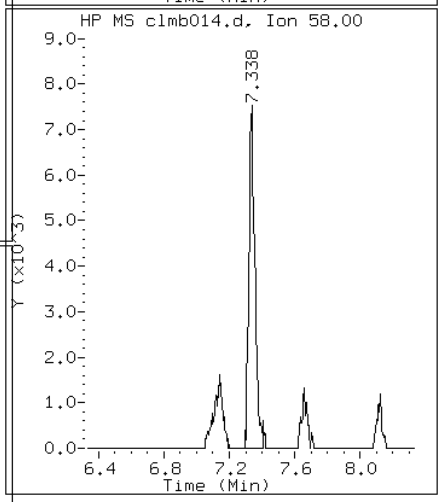
Sample Info: 280-39902-A-8 Operator: wrd

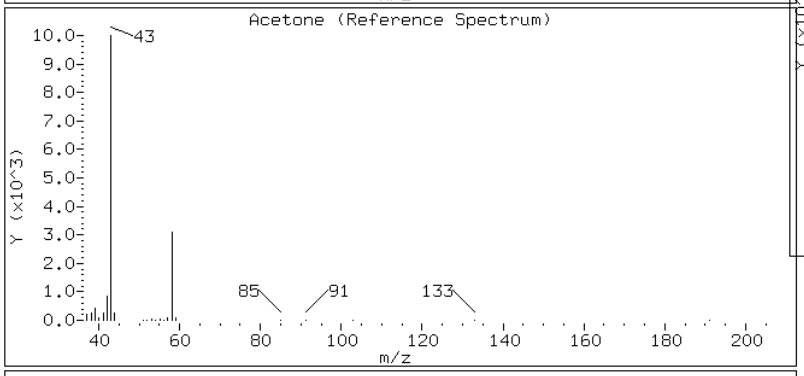
20 Acetone

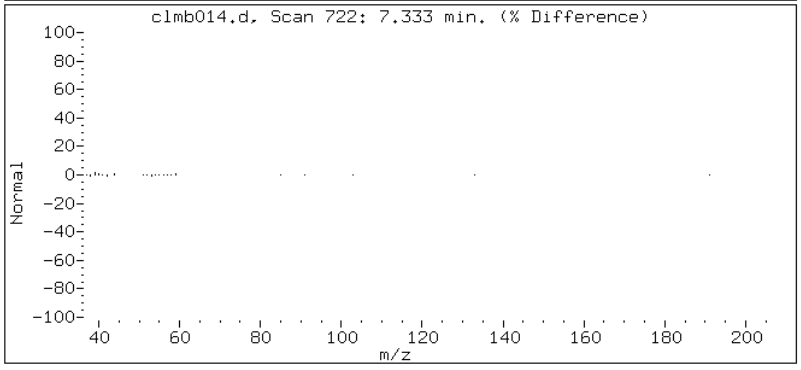












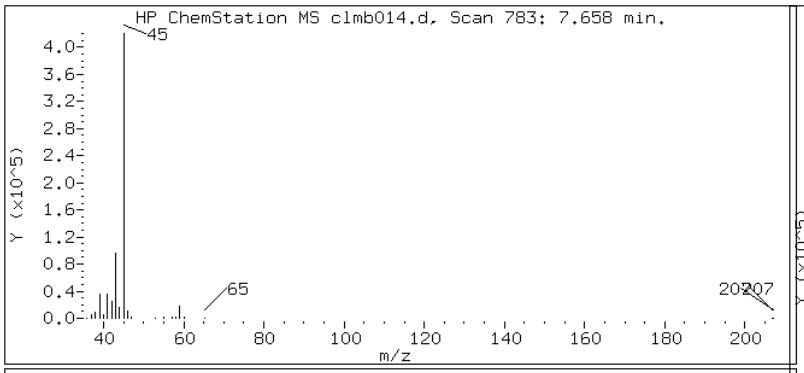
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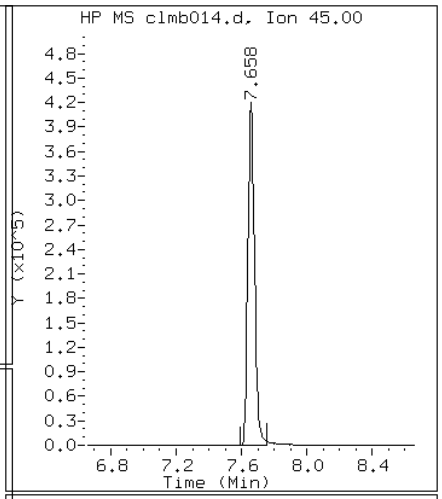
Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

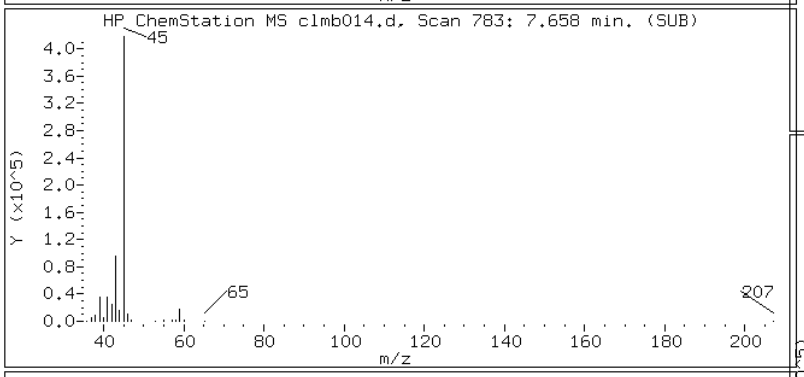
Client ID: 785VMP0401HA Instrument: C.i

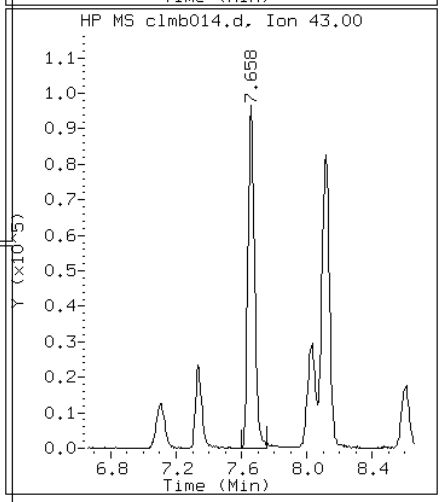
Sample Info: 280-39902-A-8 Operator: wrd

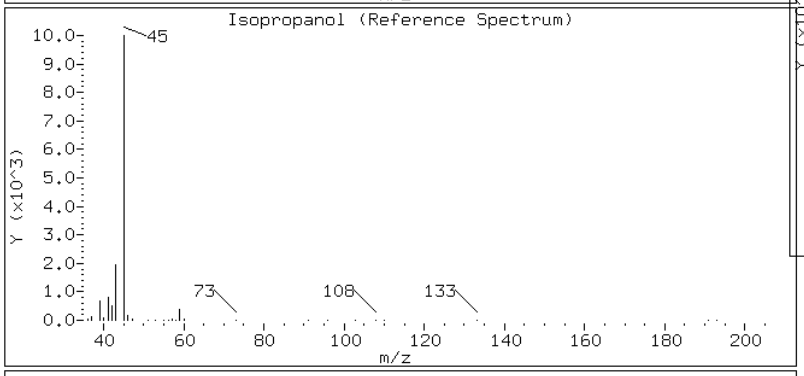
22 Isopropanol

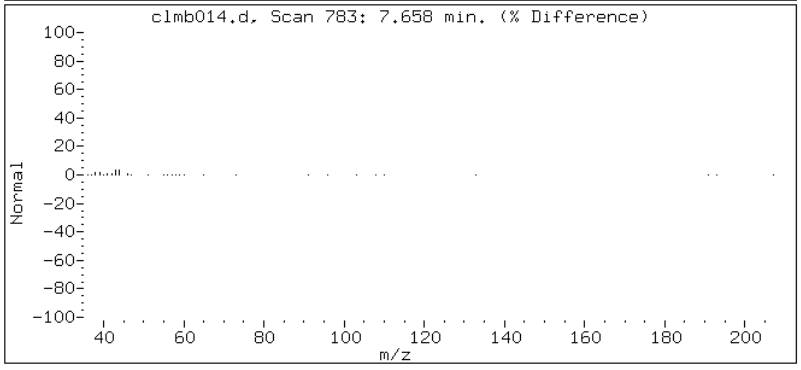












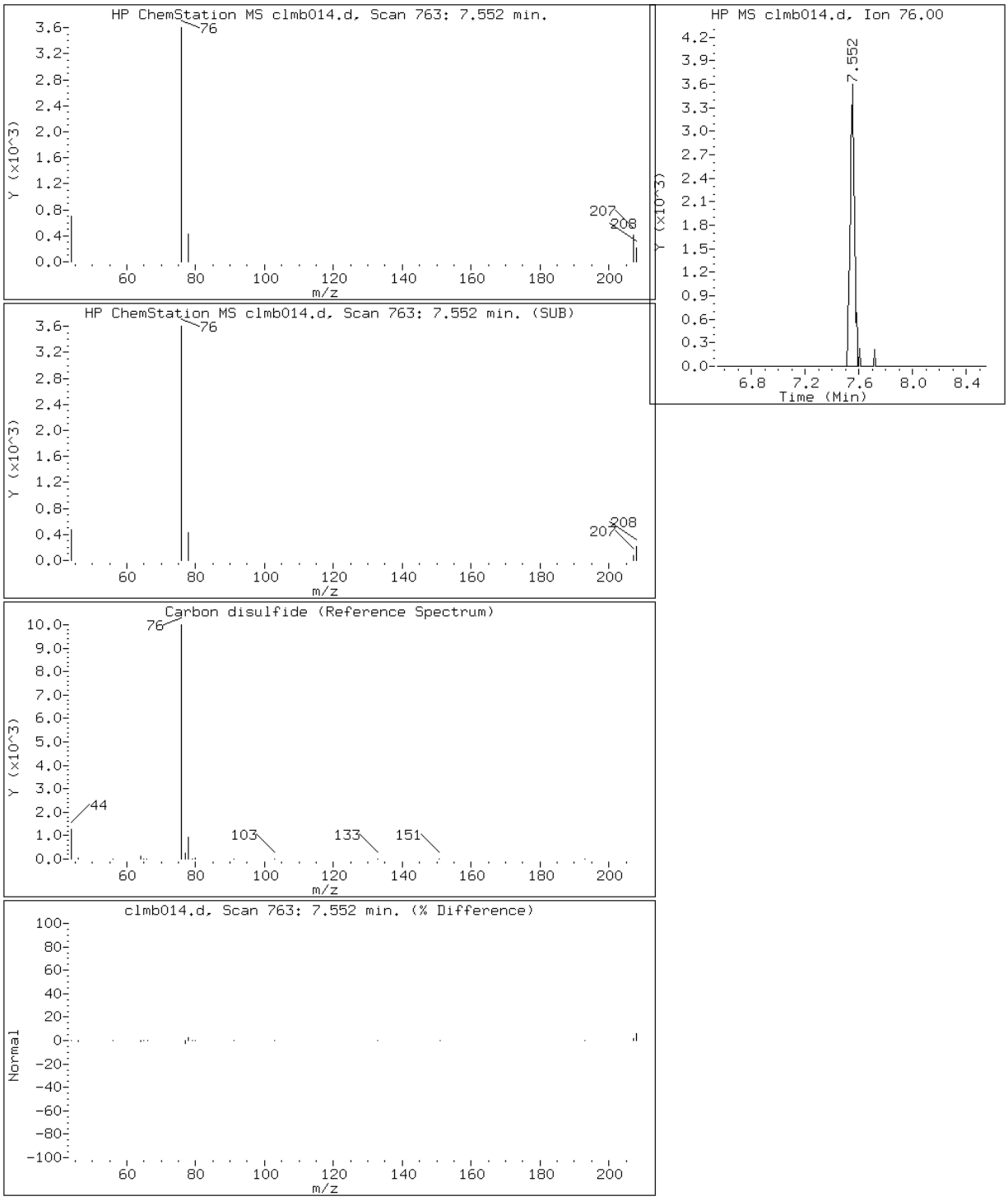
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

21 Carbon disulfide



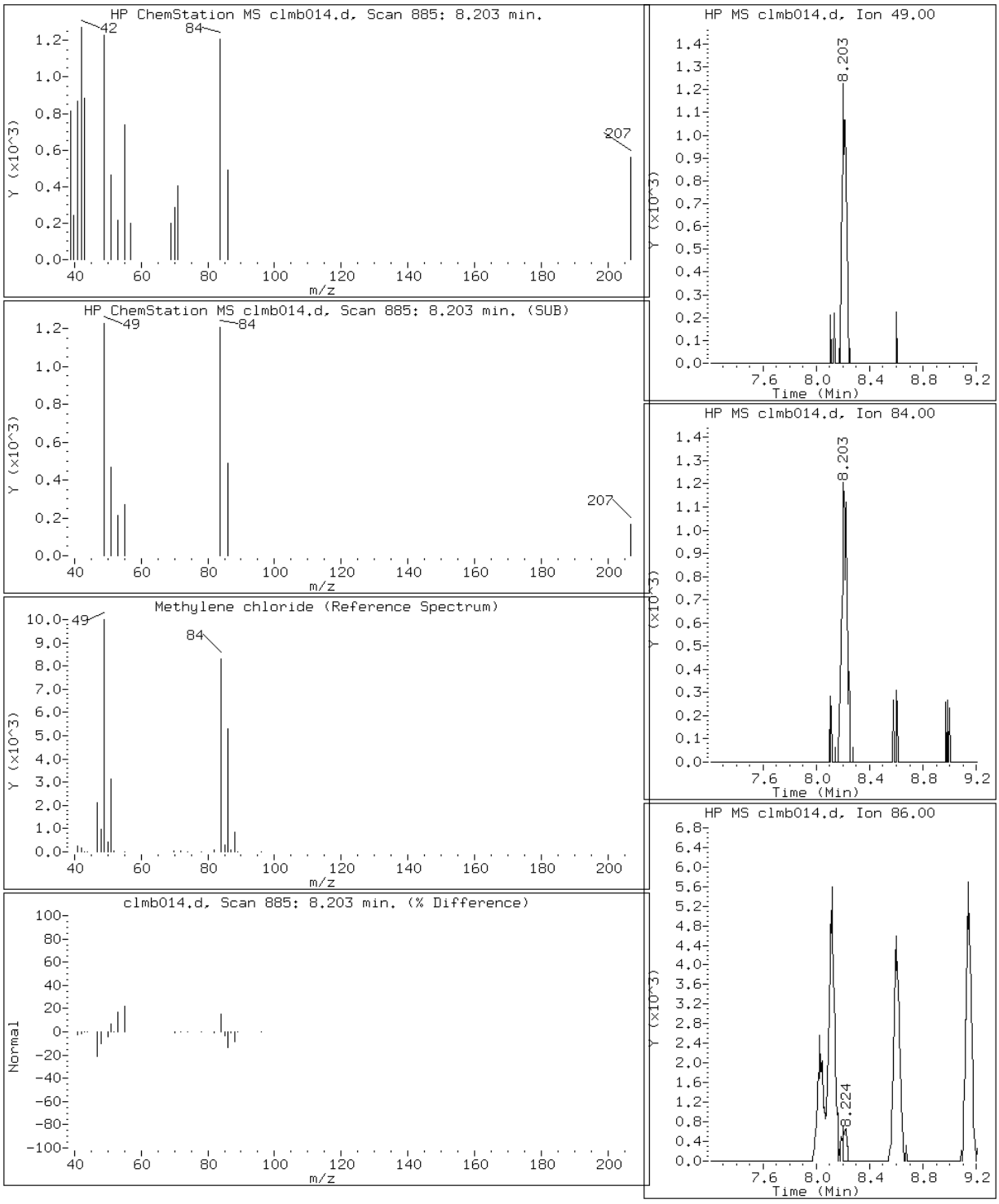
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

25 Methylene chloride



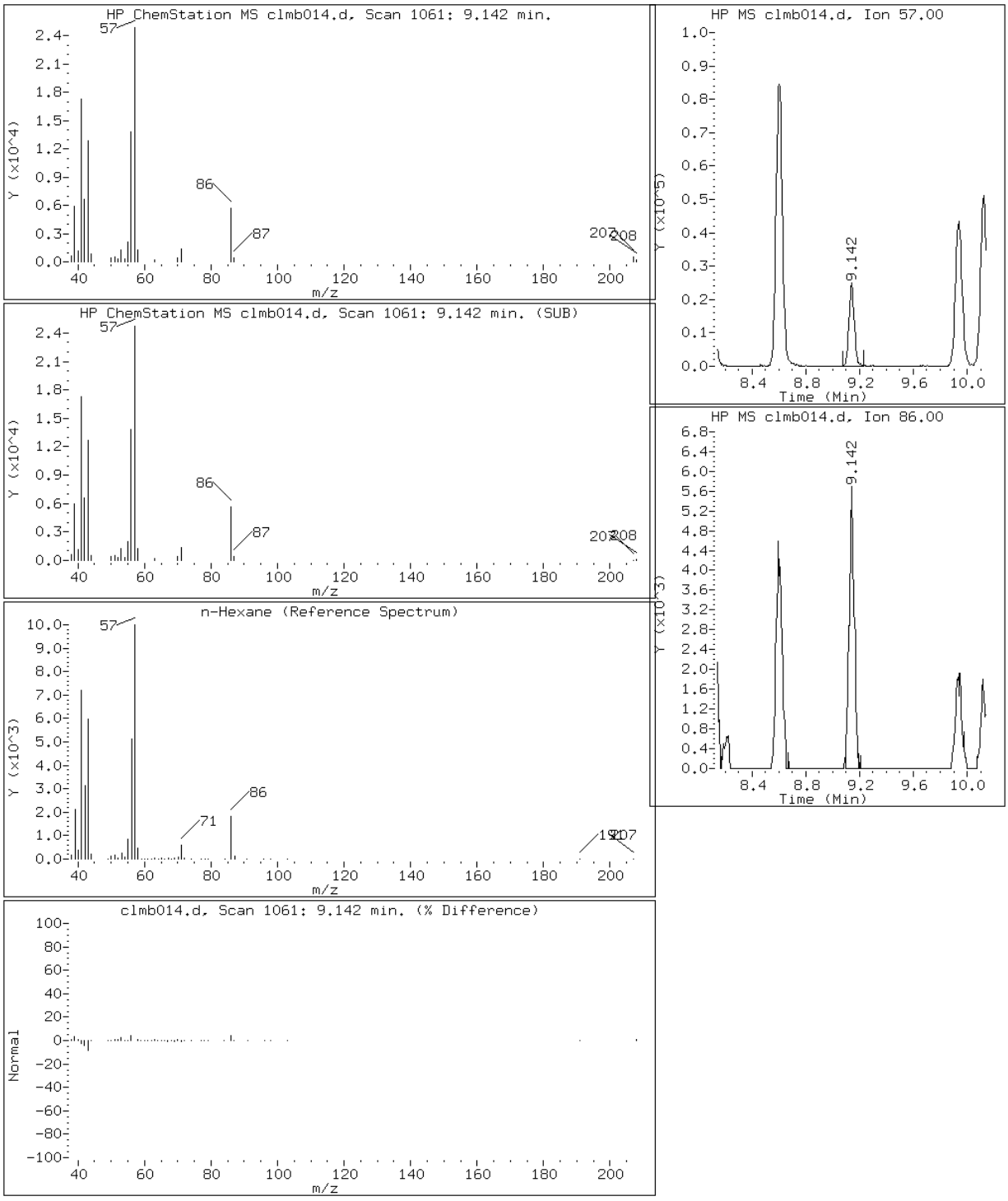
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

30 n-Hexane



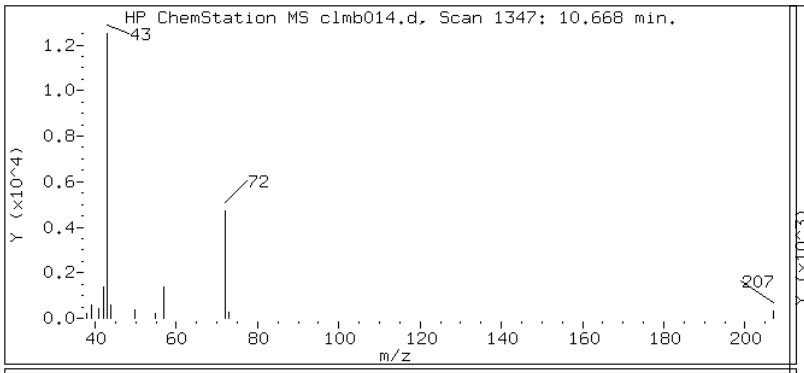
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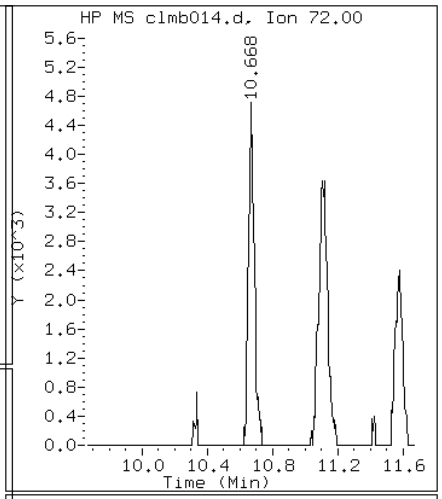
Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

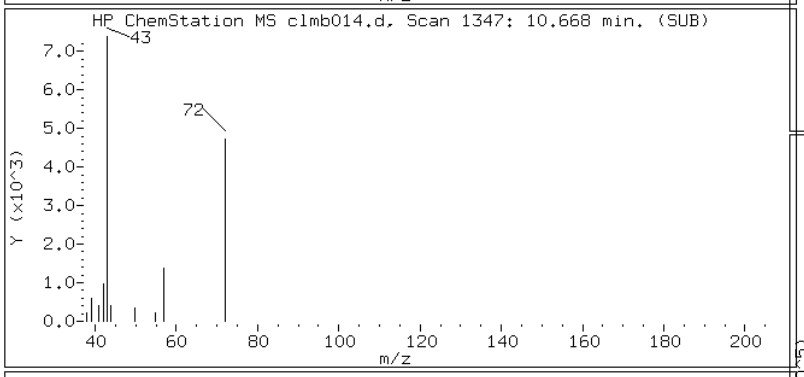
Client ID: 785VMP0401HA Instrument: C.i

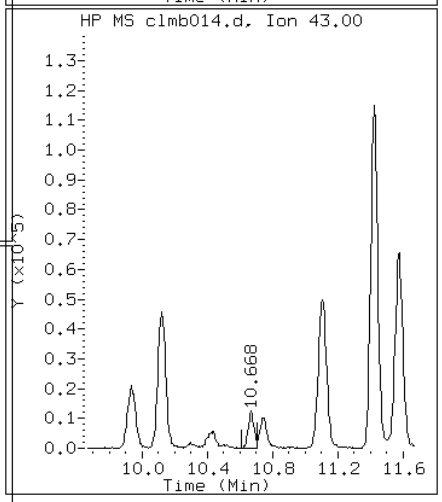
Sample Info: 280-39902-A-8 Operator: wrd

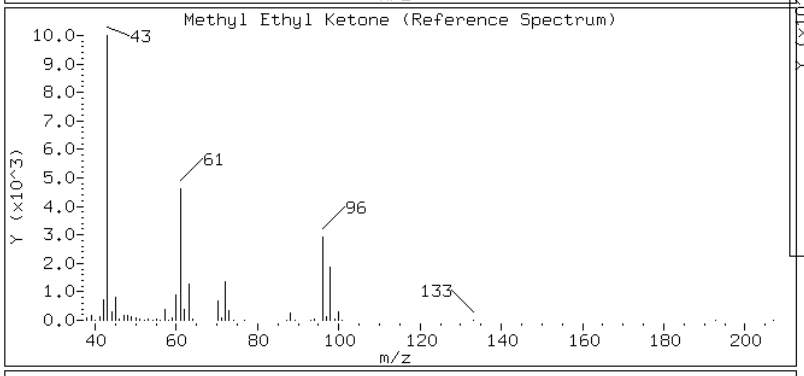
36 Methyl Ethyl Ketone

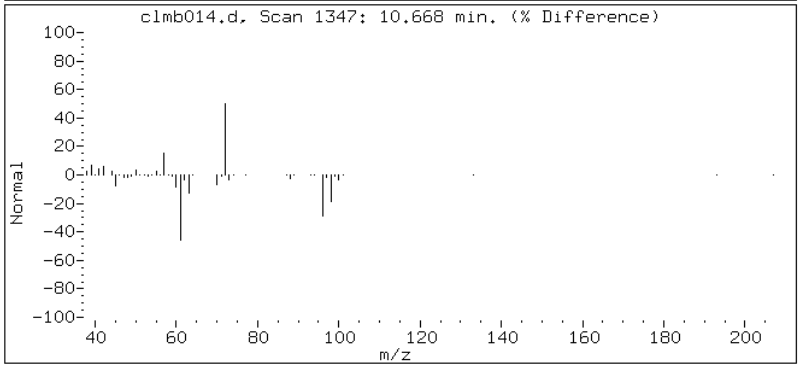












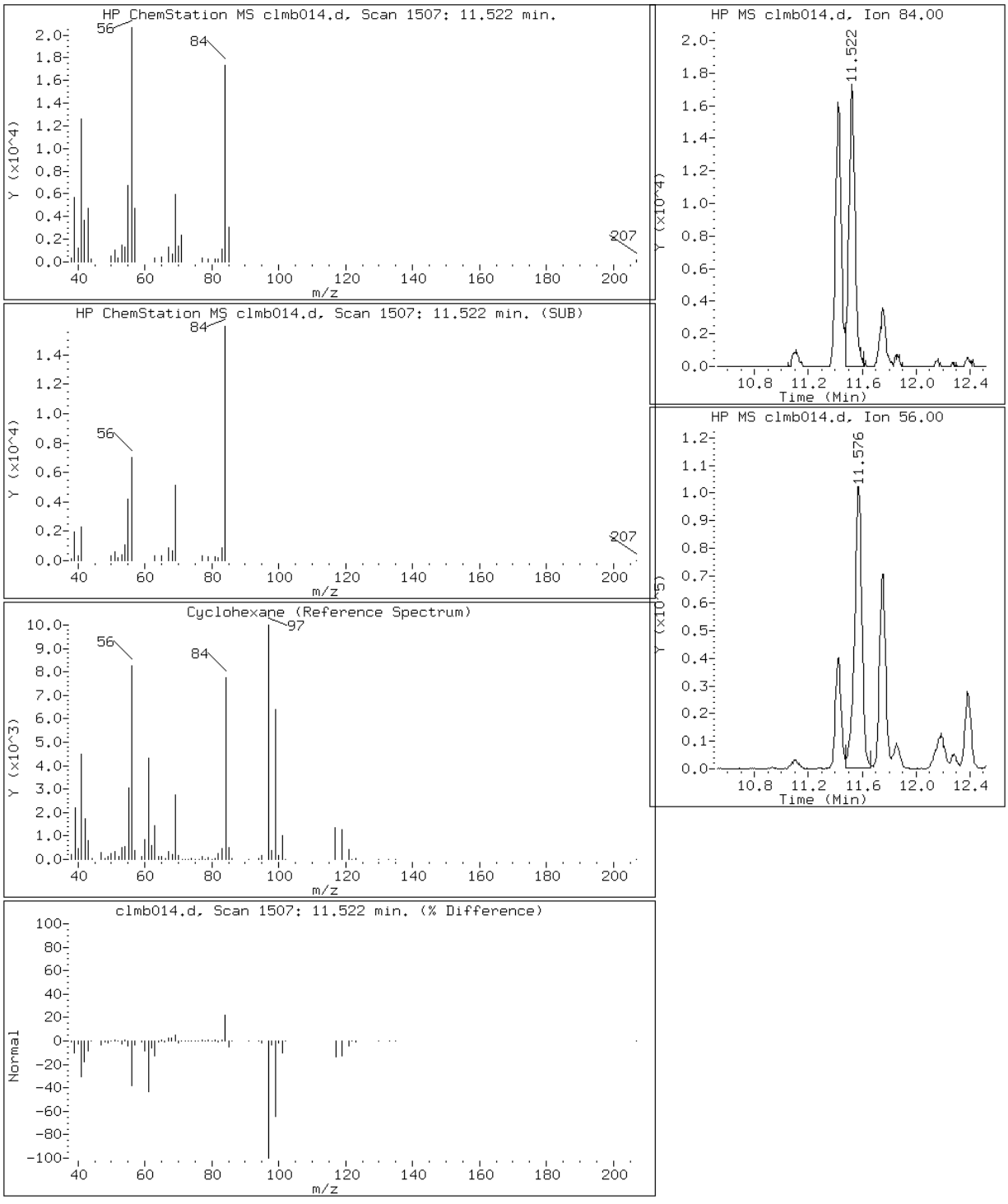
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

40 Cyclohexane



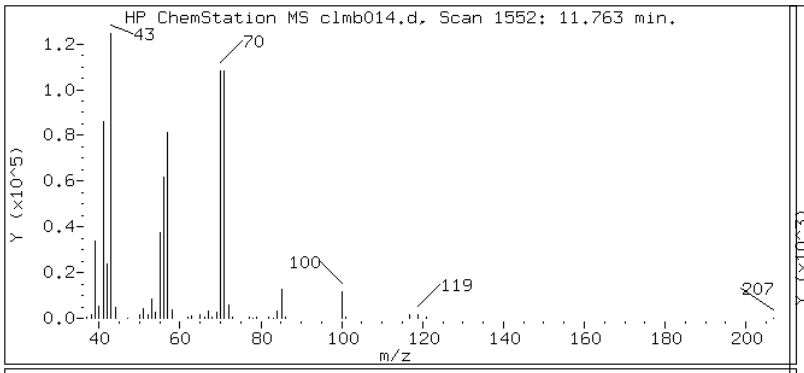
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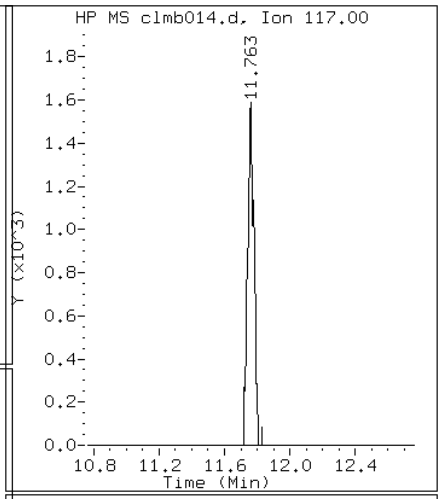
Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

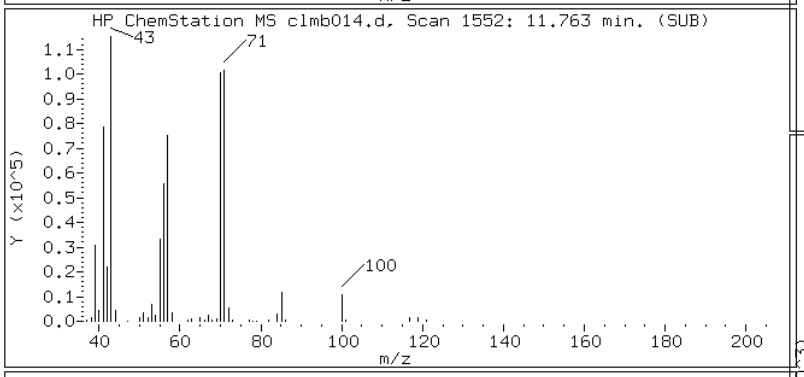
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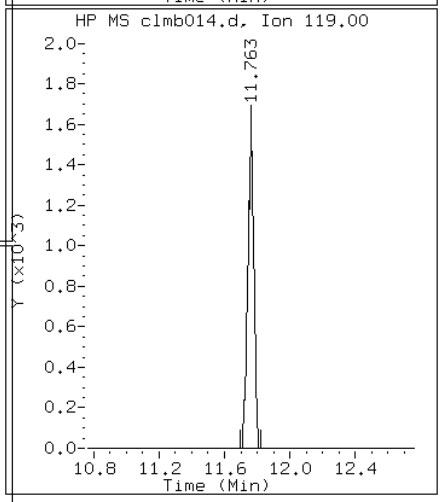
Sample Info: 280-39902-A-8 Operator: wrd

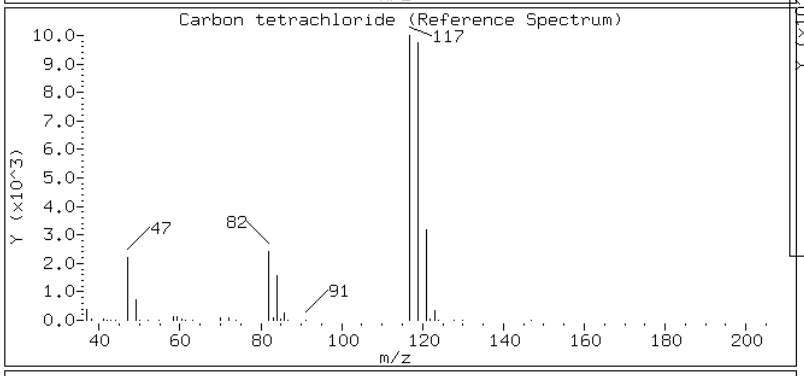
42 Carbon tetrachloride

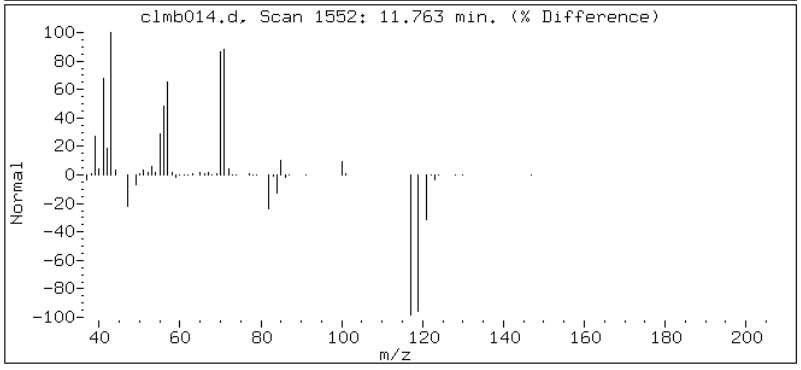












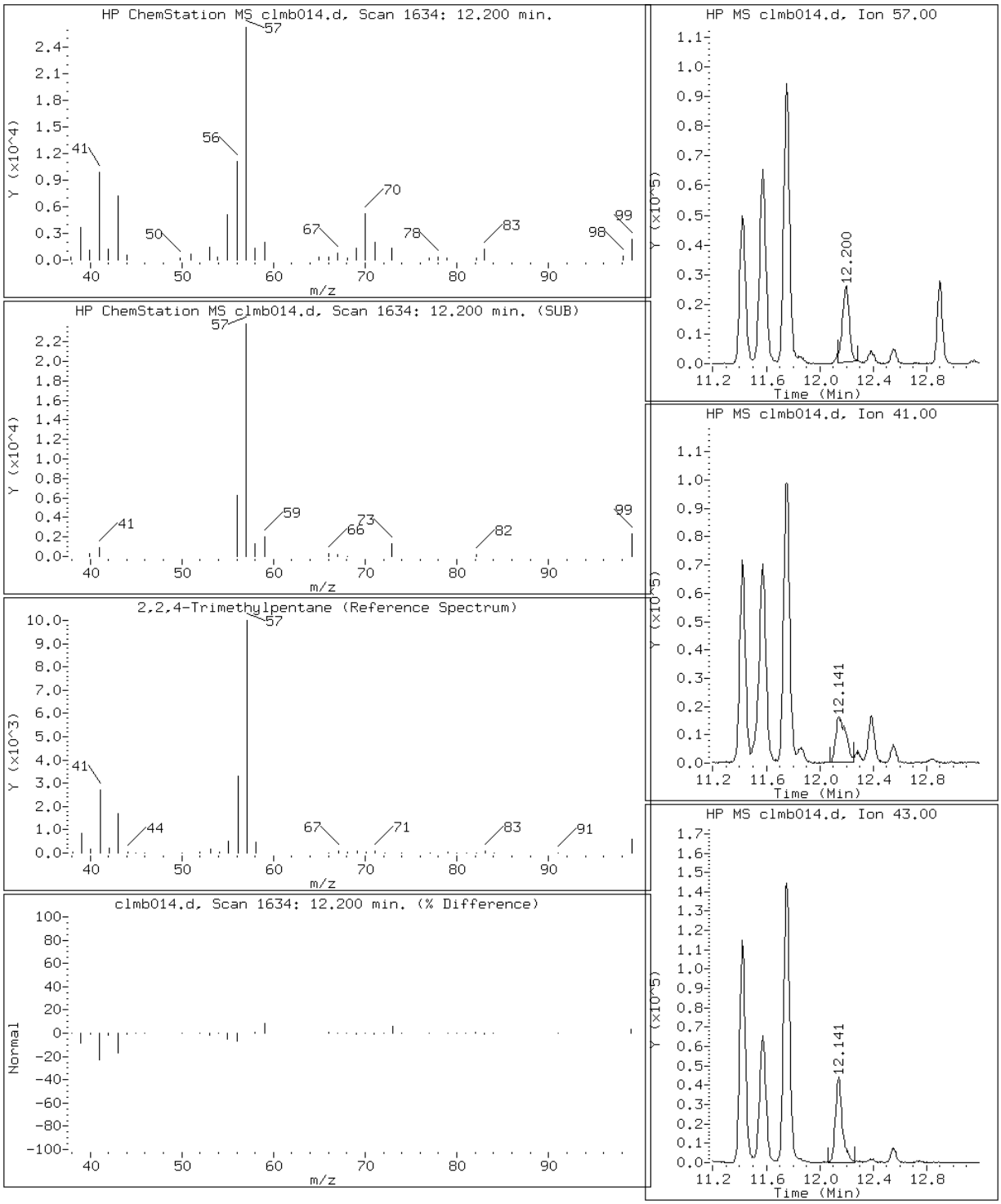
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

43 2,2,4-Trimethylpentane



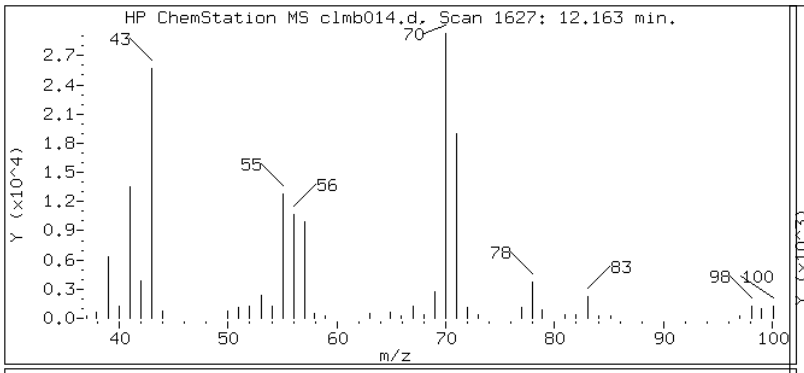
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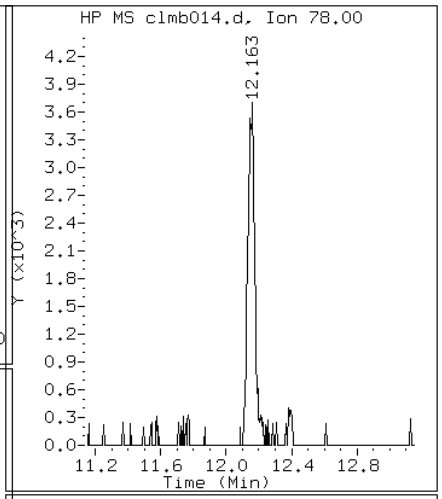
Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

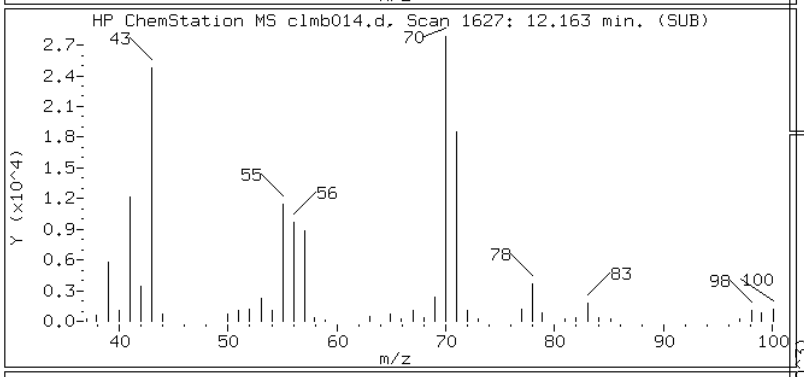
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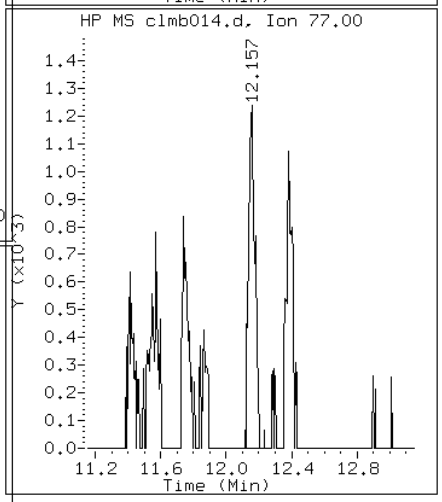
Sample Info: 280-39902-A-8 Operator: wrd

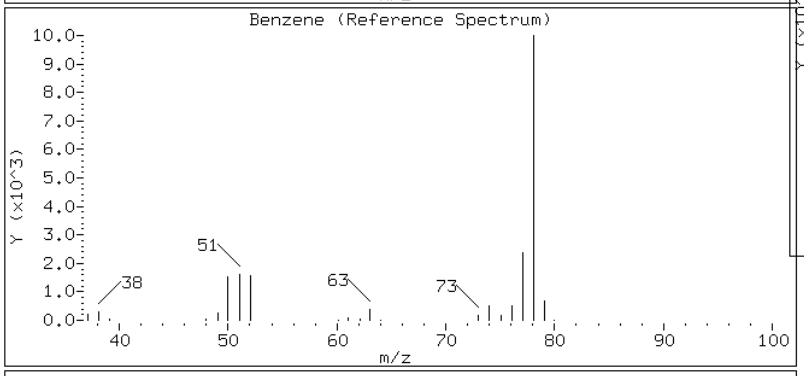
44 Benzene

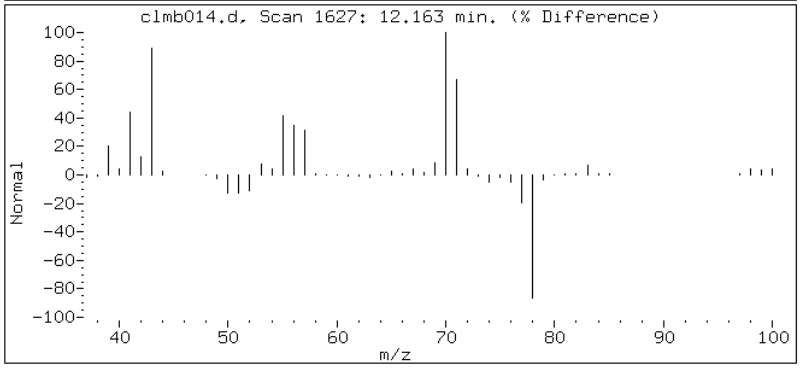












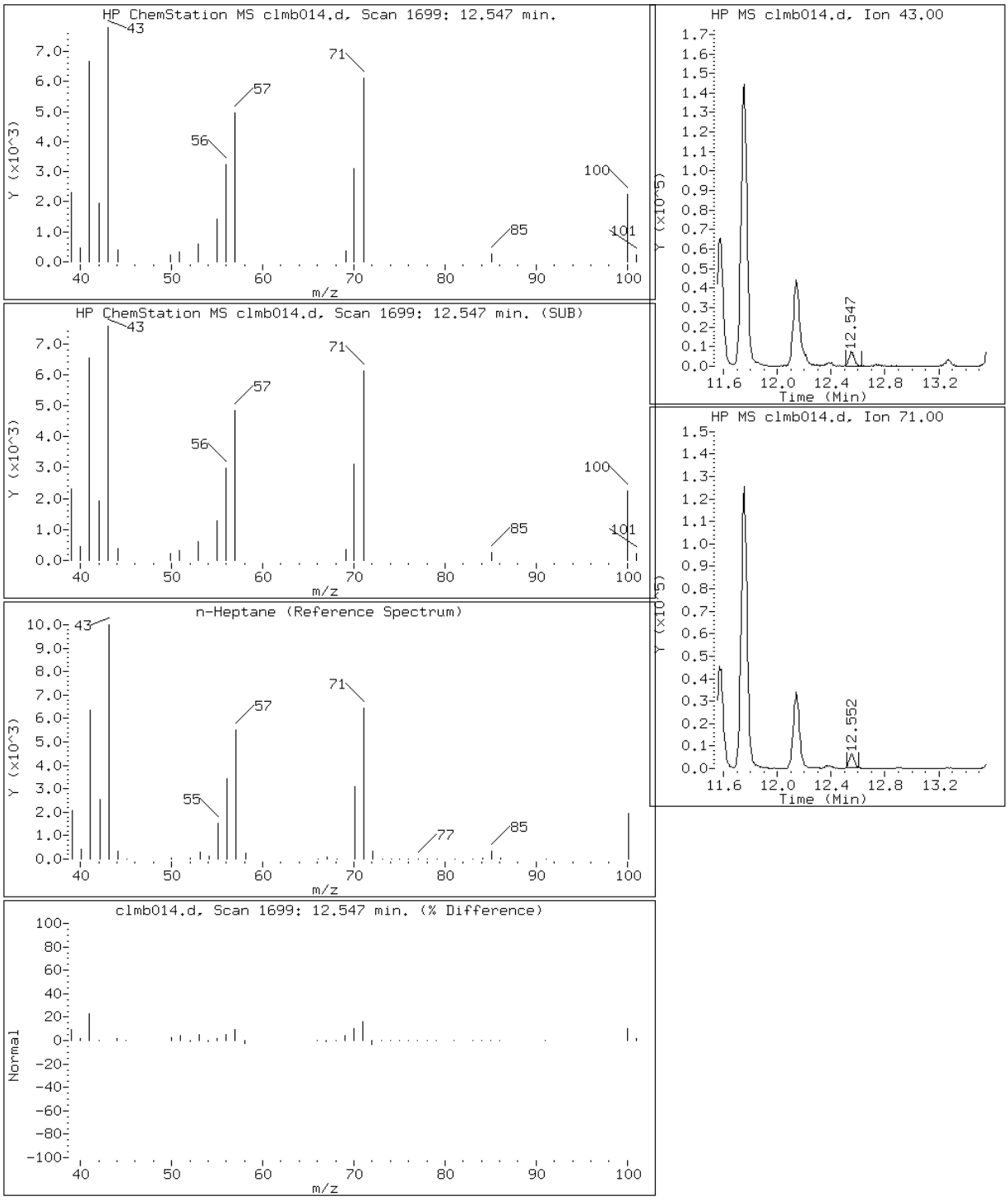
Data File: clmb014.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

46 n-Heptane



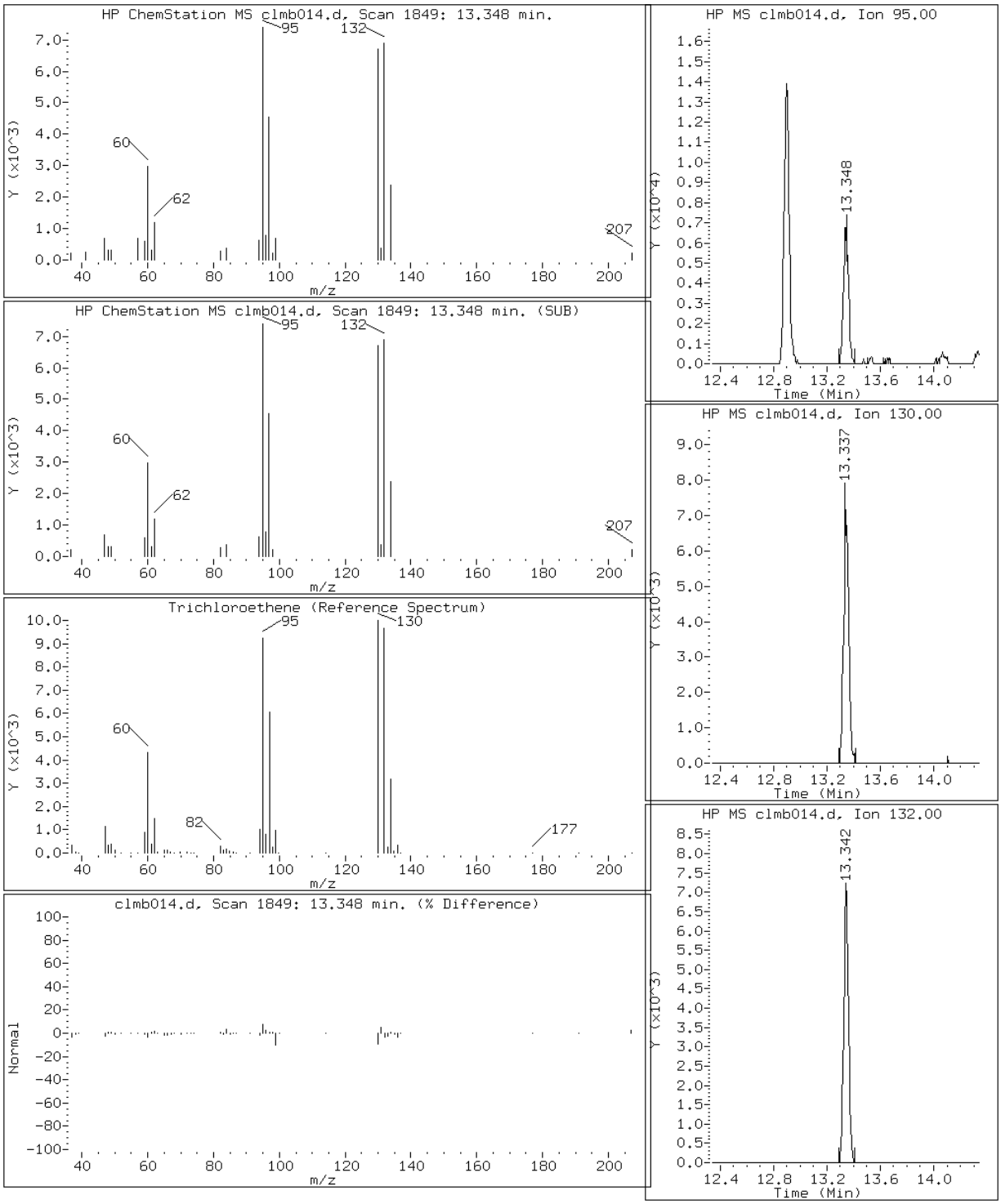
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

49 Trichloroethene



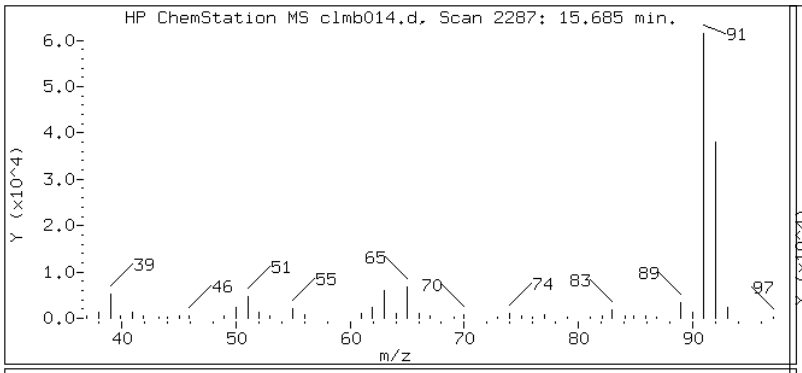
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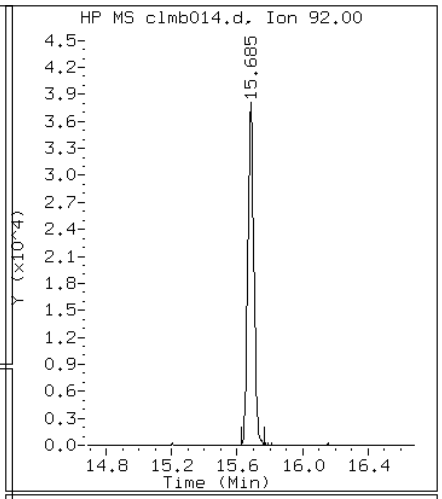
Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

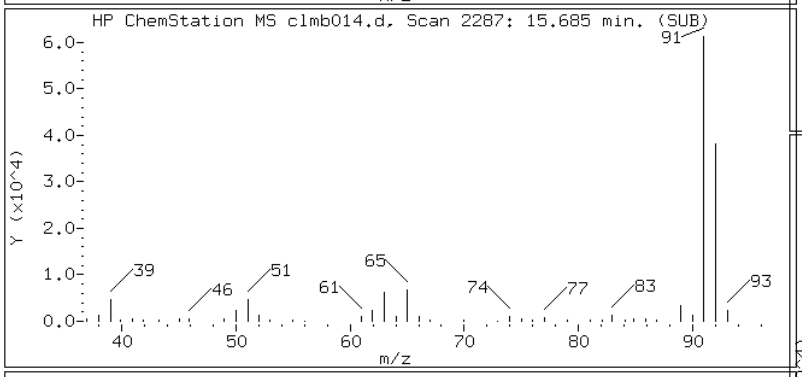
Client ID: 785VMP0401HA Instrument: C.i

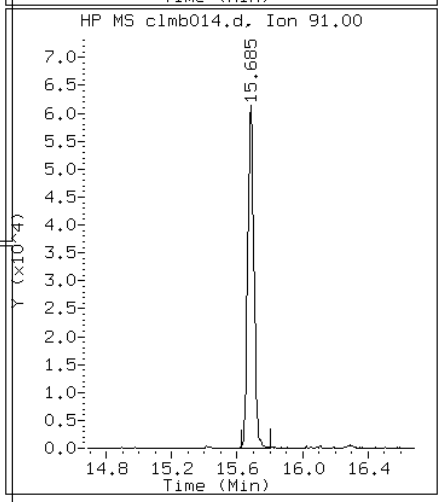
Sample Info: 280-39902-A-8 Operator: wrd

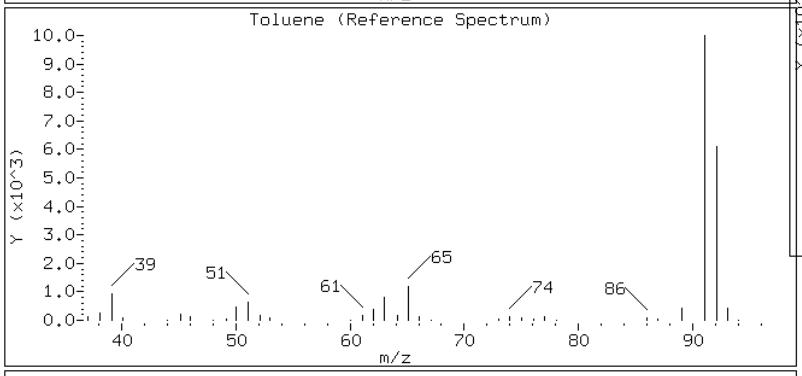
58 Toluene

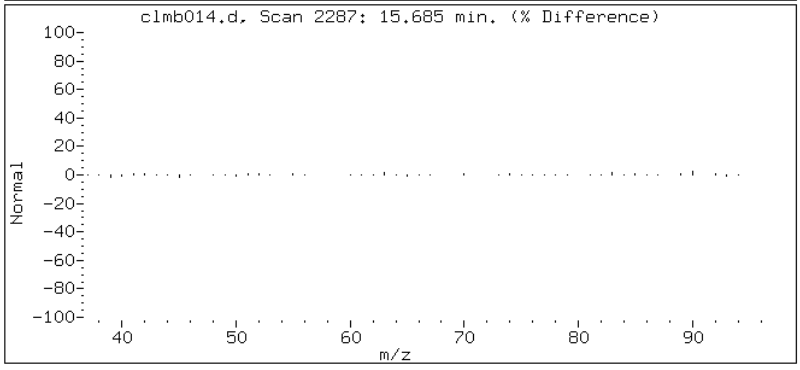












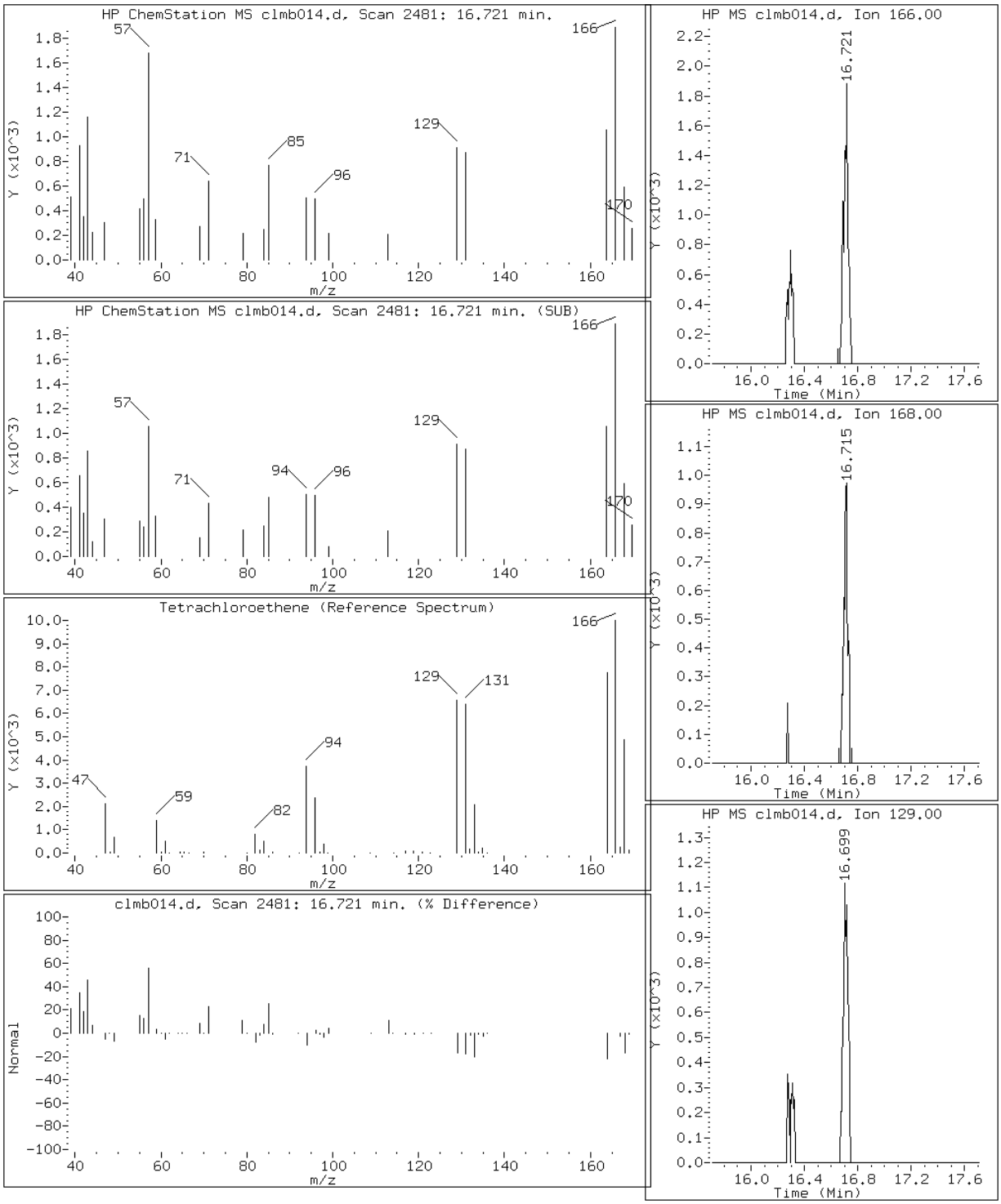
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

61 Tetrachloroethene



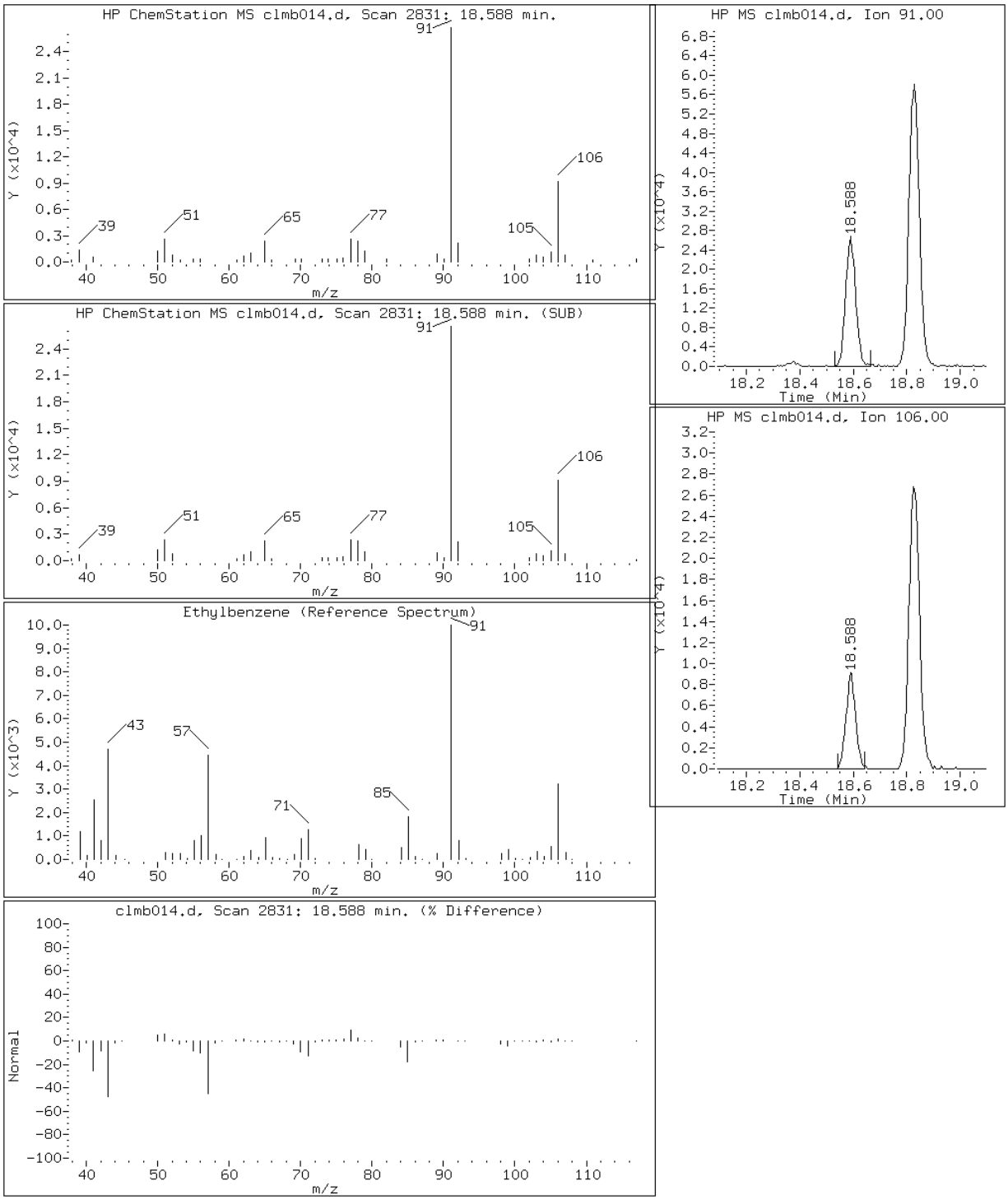
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

68 Ethylbenzene



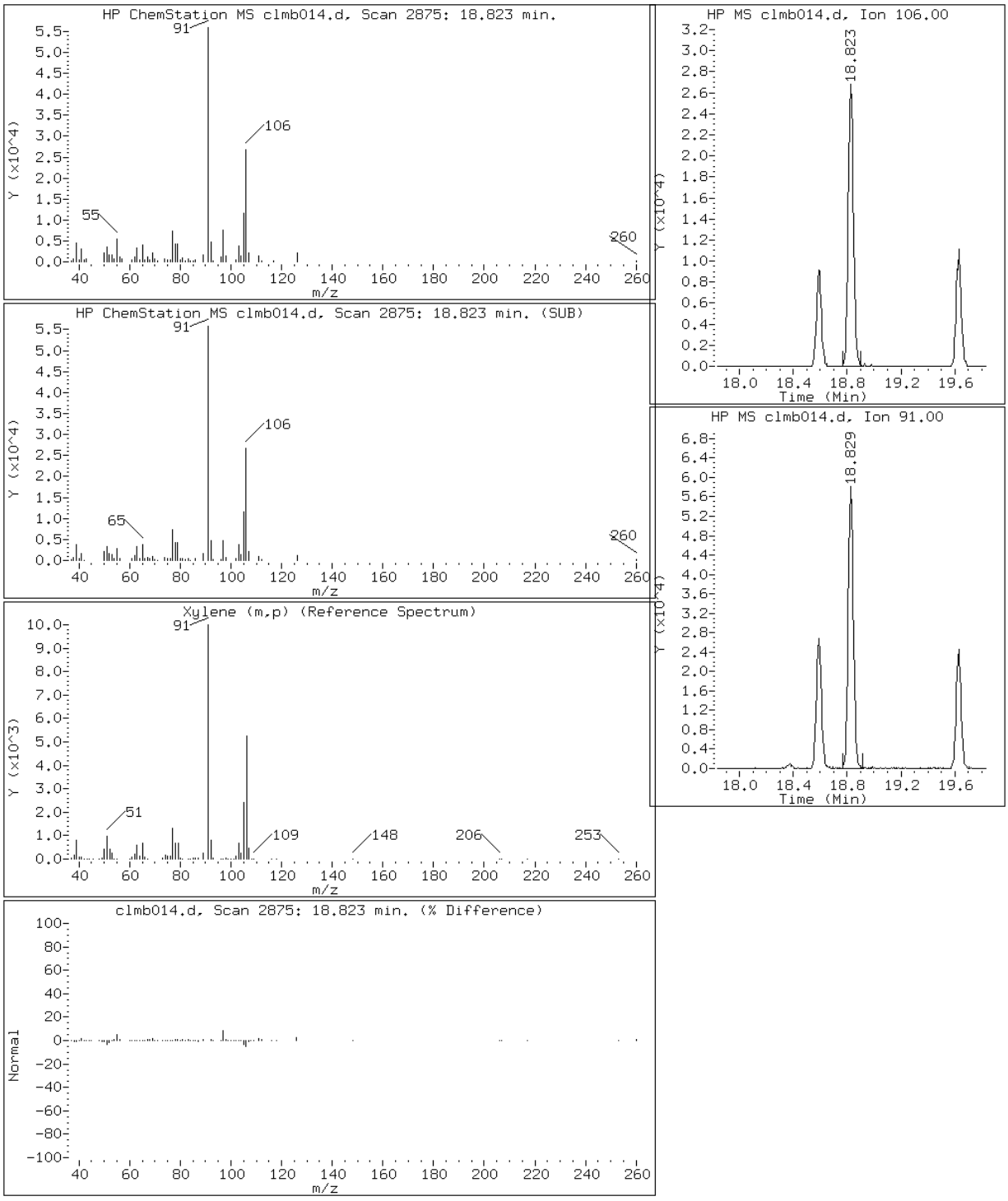
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

69 Xylene (m,p)



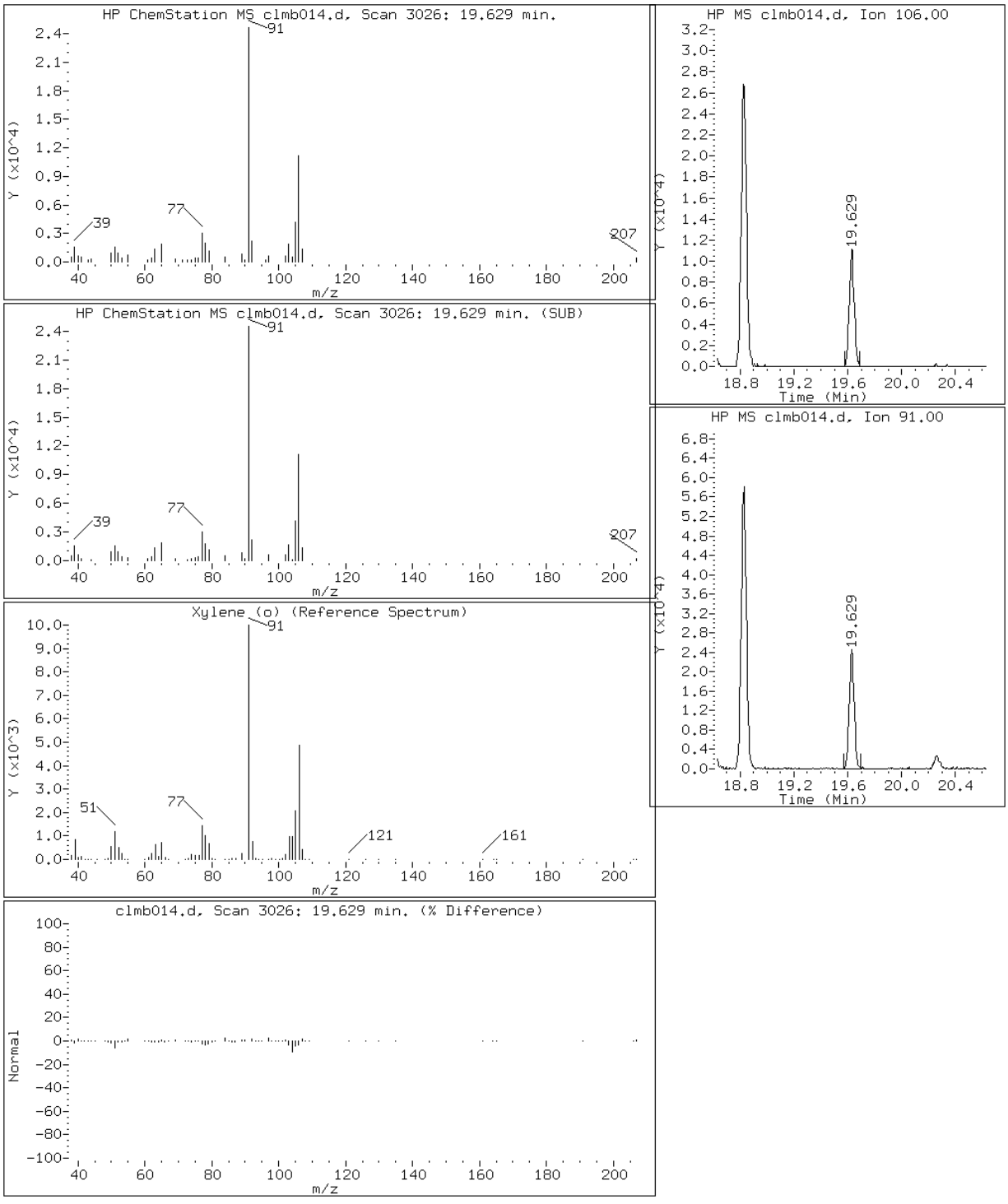
Data File: clmb014.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

71 Xylene (o)



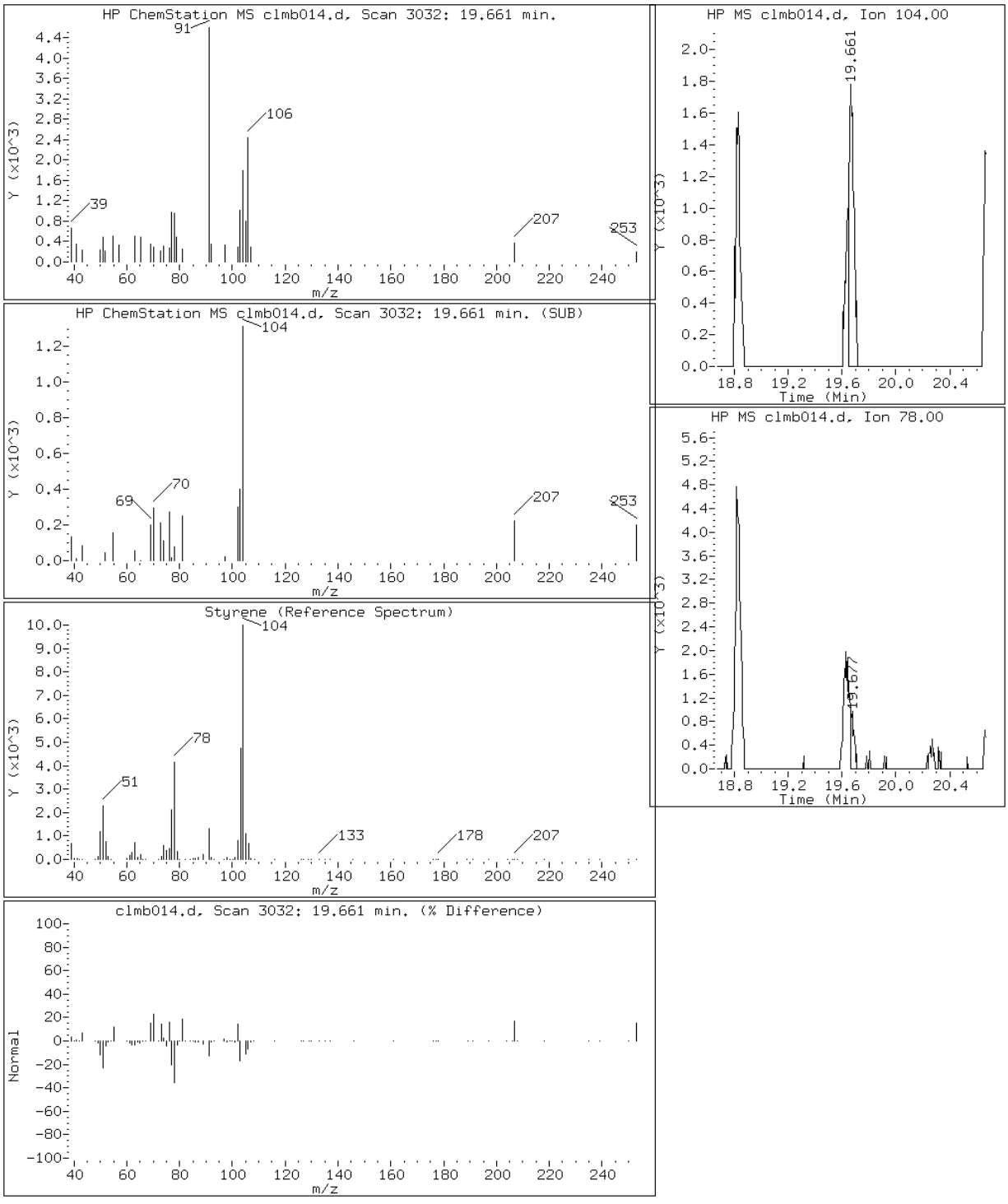
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

72 Styrene



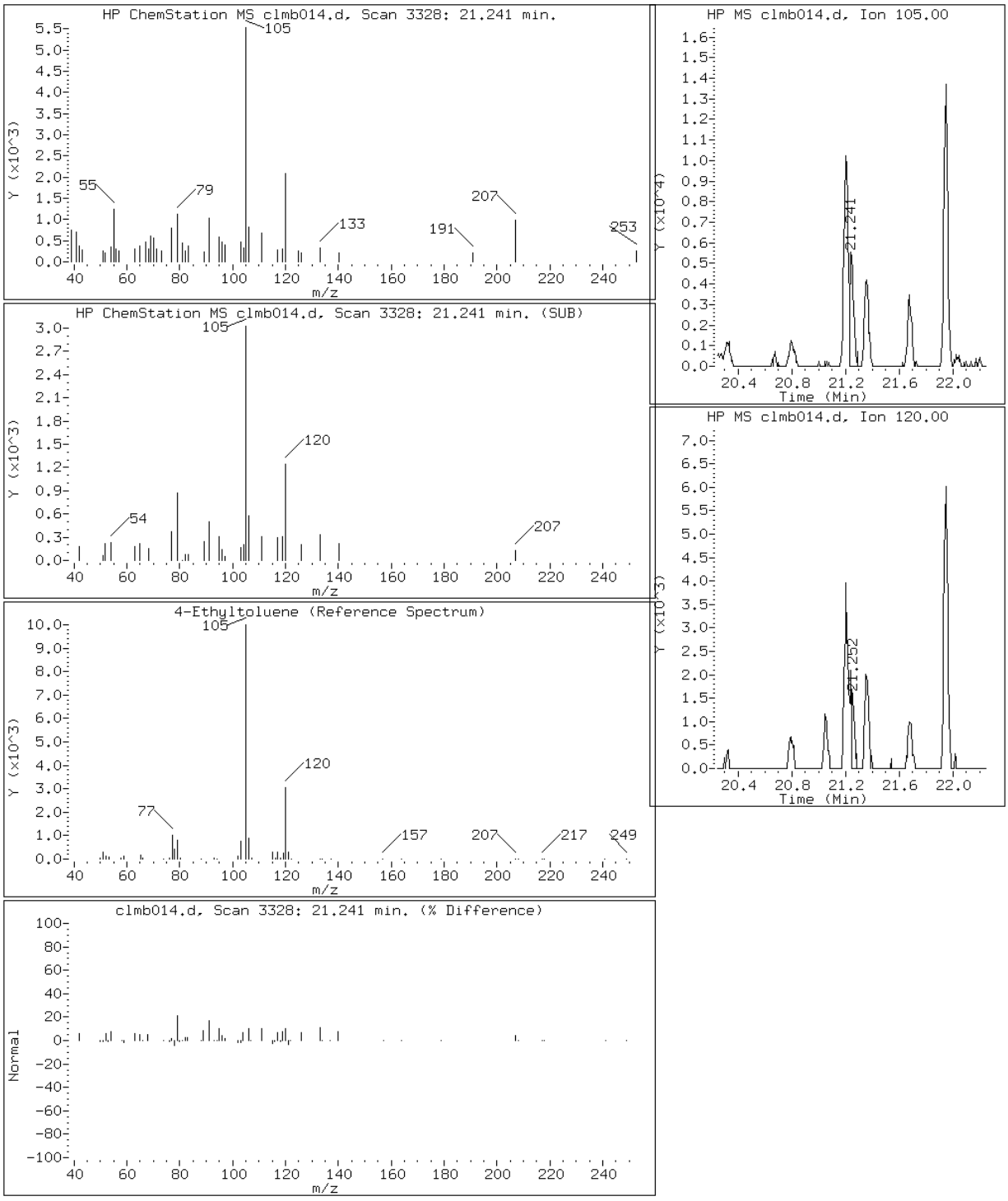
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

79 4-Ethyltoluene



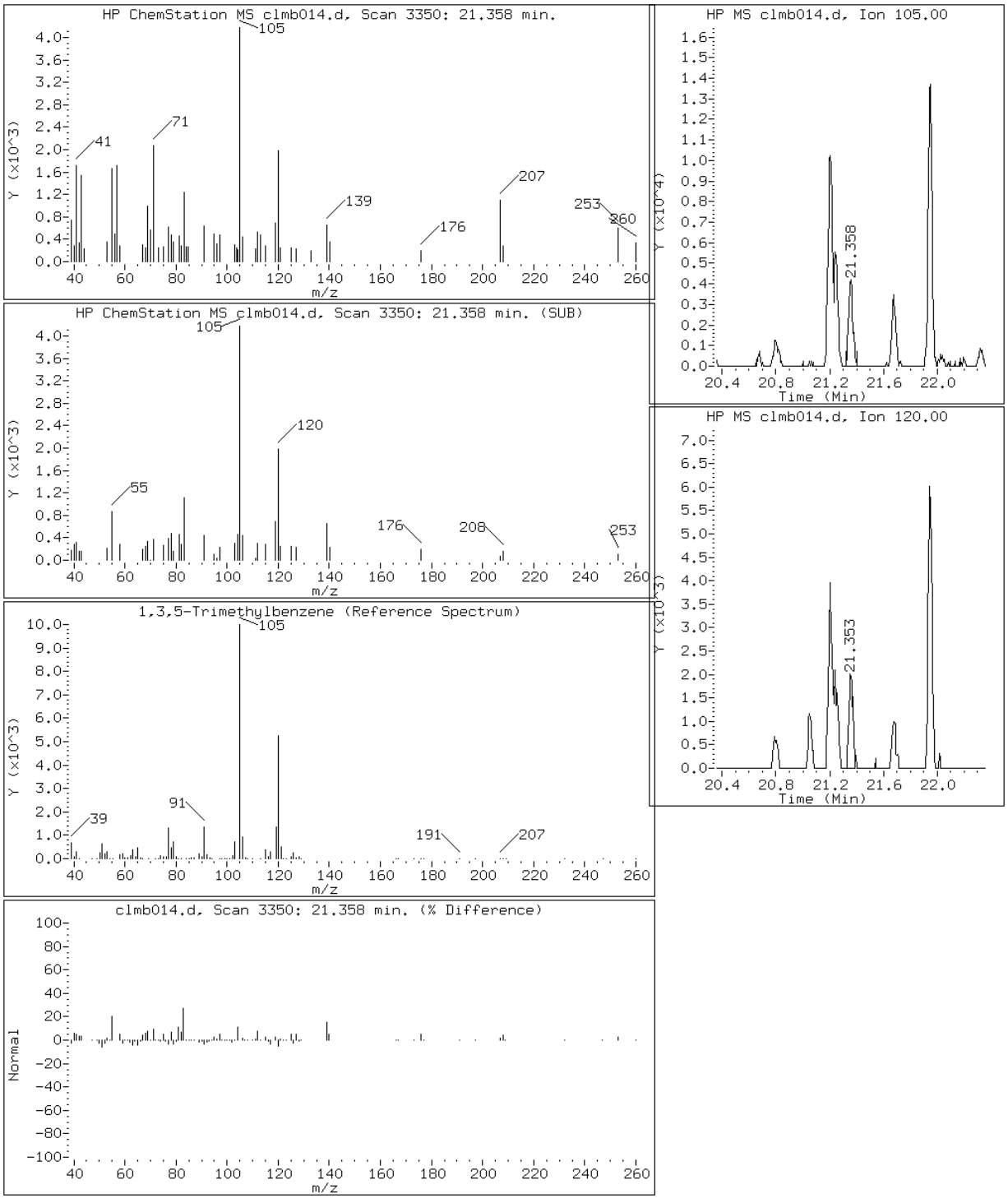
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

81 1,3,5-Trimethylbenzene



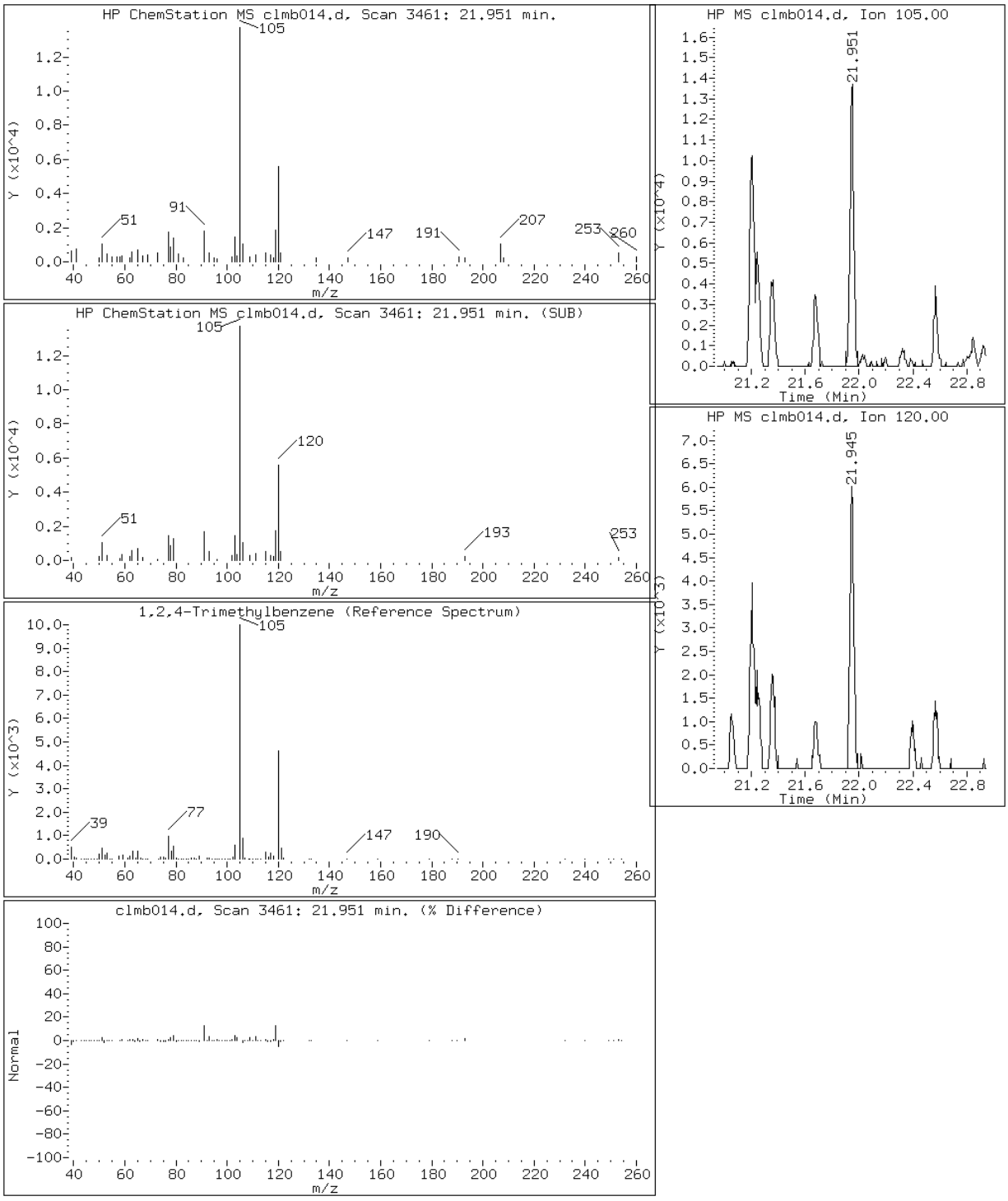
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

84 1,2,4-Trimethylbenzene



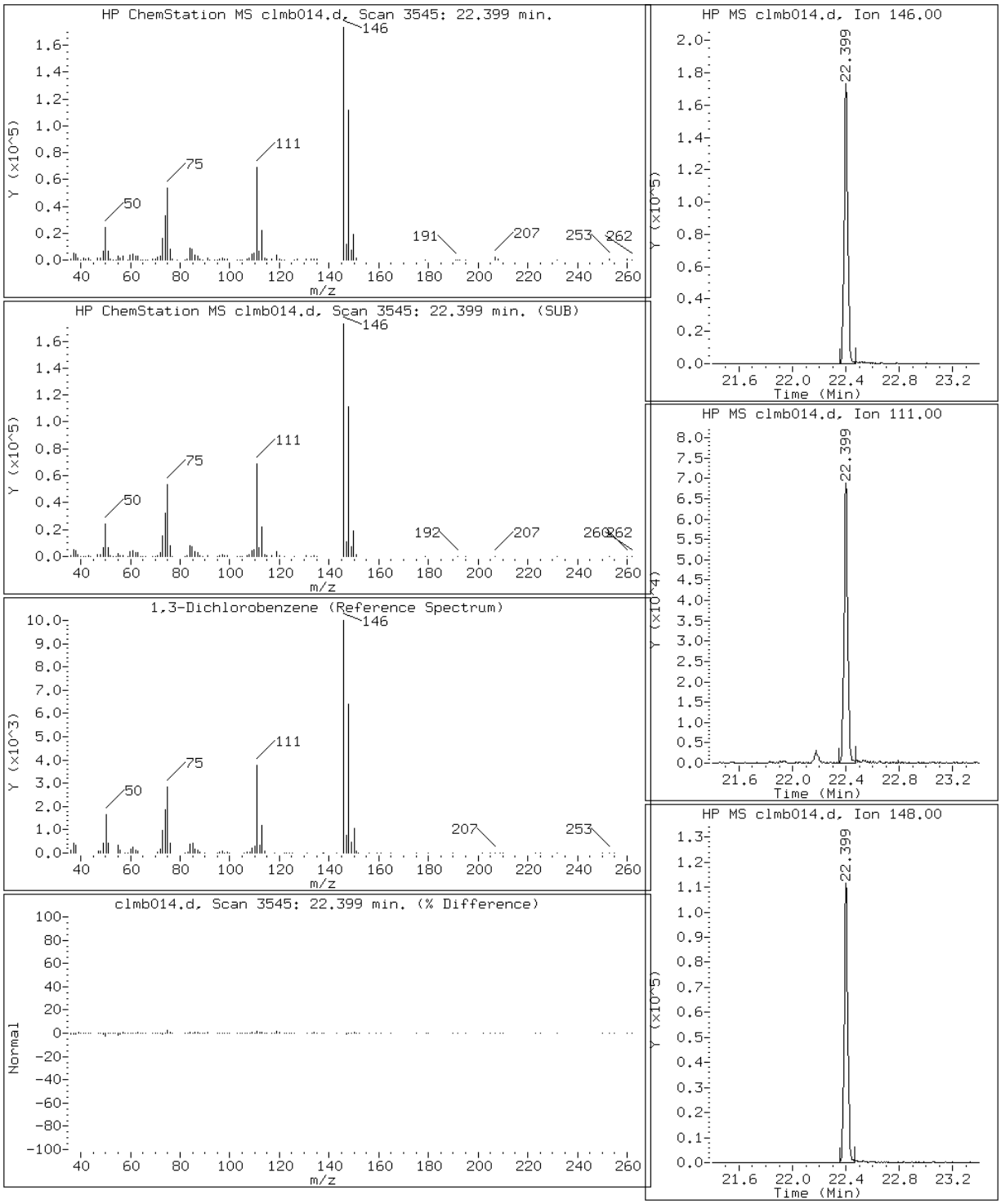
Data File: clmb014.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 20:18

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb014.d
Lab Sample ID: 280-39902-8
Inj. Date and Time: 01-APR-2013 20:18
Instrument ID: C.i
Client ID: 785VMP0401HA
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 04/02/2013

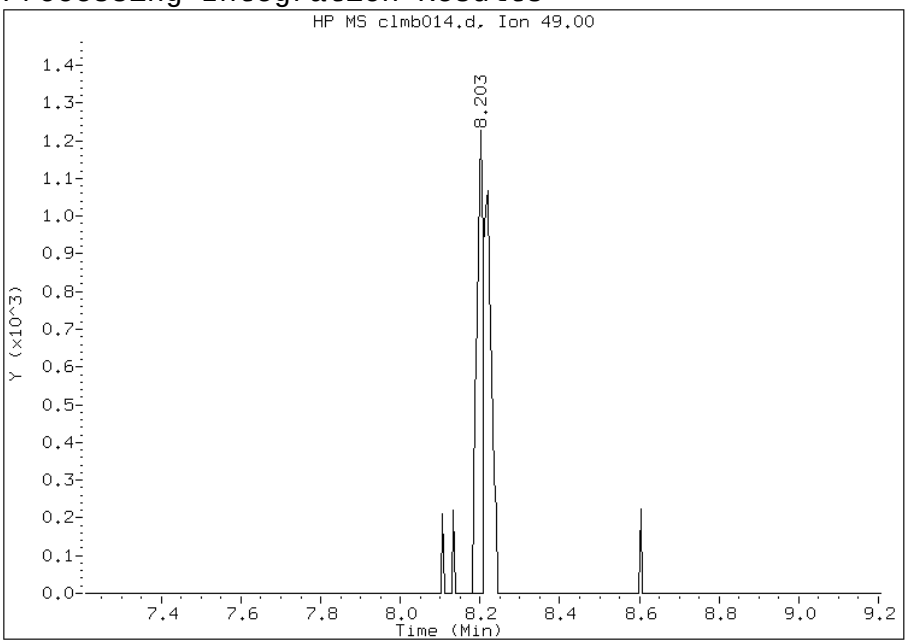
Processing Integration Results

RT: 8.20

Response: 1380

Amount: 0.076974

Conc: 0.076974



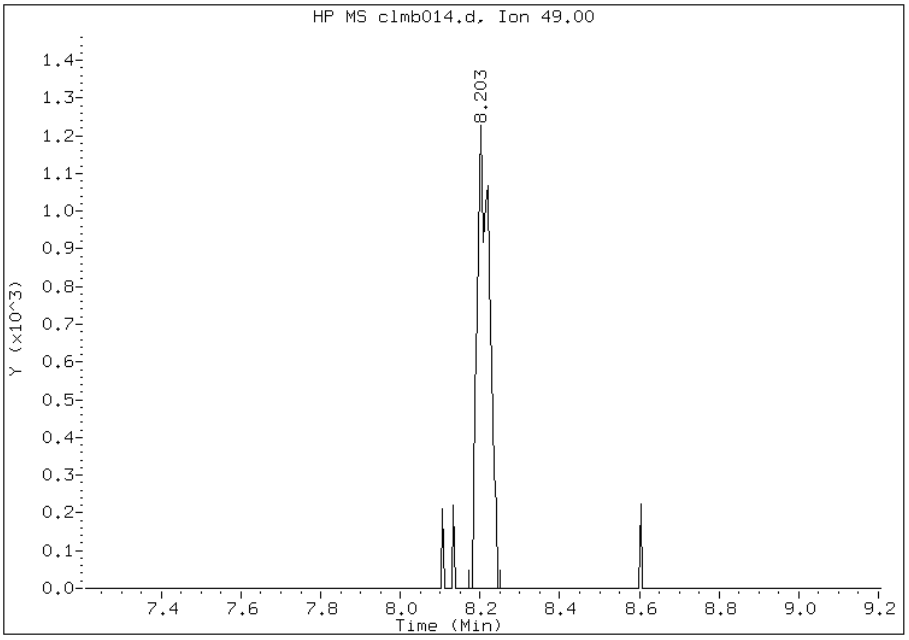
Manual Integration Results

RT: 8.20

Response: 2671

Amount: 0.148943

Conc: 0.148943



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb014.d
Lab Sample ID: 280-39902-8
Inj. Date and Time: 01-APR-2013 20:18
Instrument ID: C.i
Client ID: 785VMP0401HA
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 04/02/2013

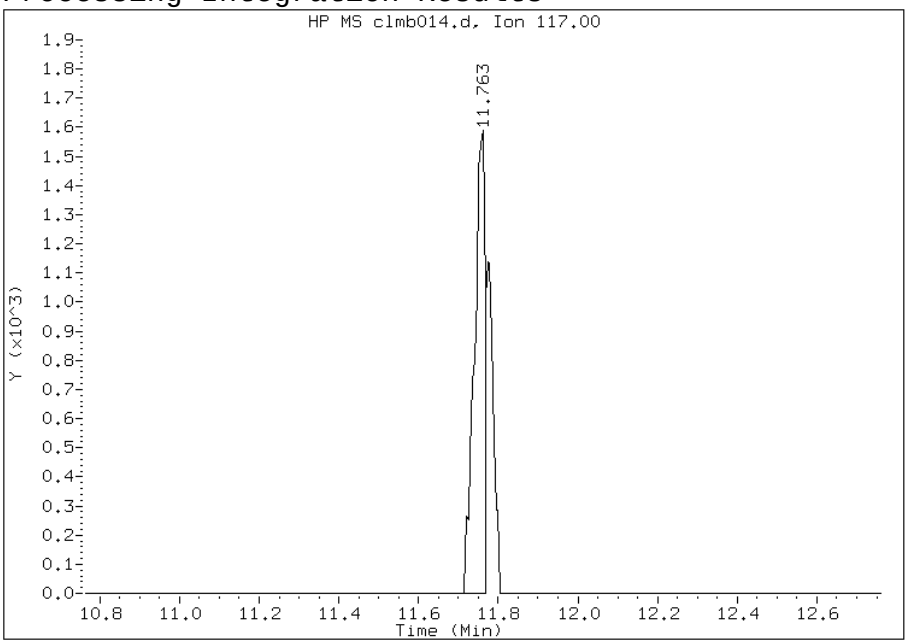
Processing Integration Results

RT: 11.76

Response: 2933

Amount: 0.046551

Conc: 0.046551



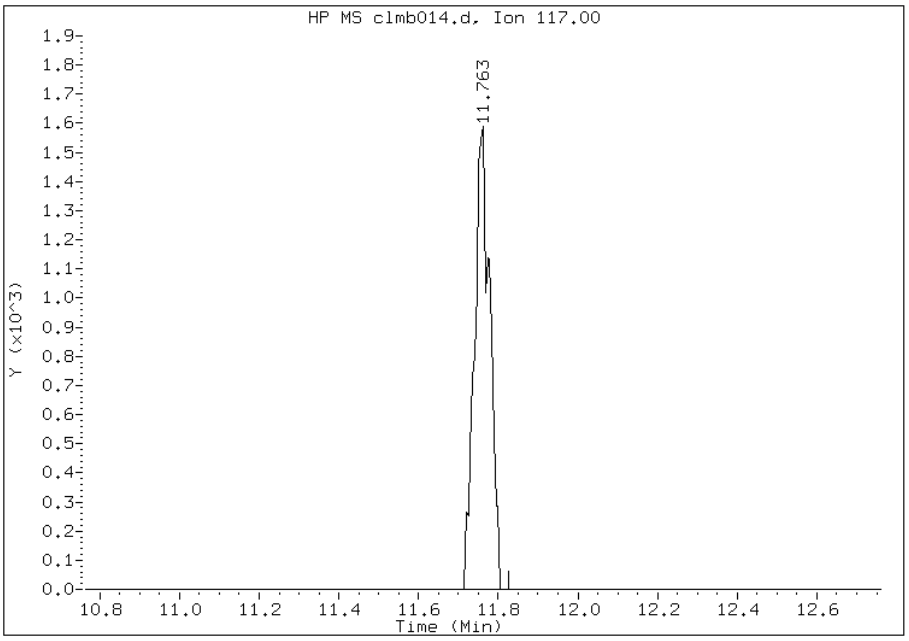
Manual Integration Results

RT: 11.76

Response: 4295

Amount: 0.068167

Conc: 0.068167



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb014.d
Lab Sample ID: 280-39902-8
Inj. Date and Time: 01-APR-2013 20:18
Instrument ID: C.i
Client ID: 785VMP0401HA
Compound: 44 Benzene
CAS #: 71-43-2
Report Date: 04/02/2013

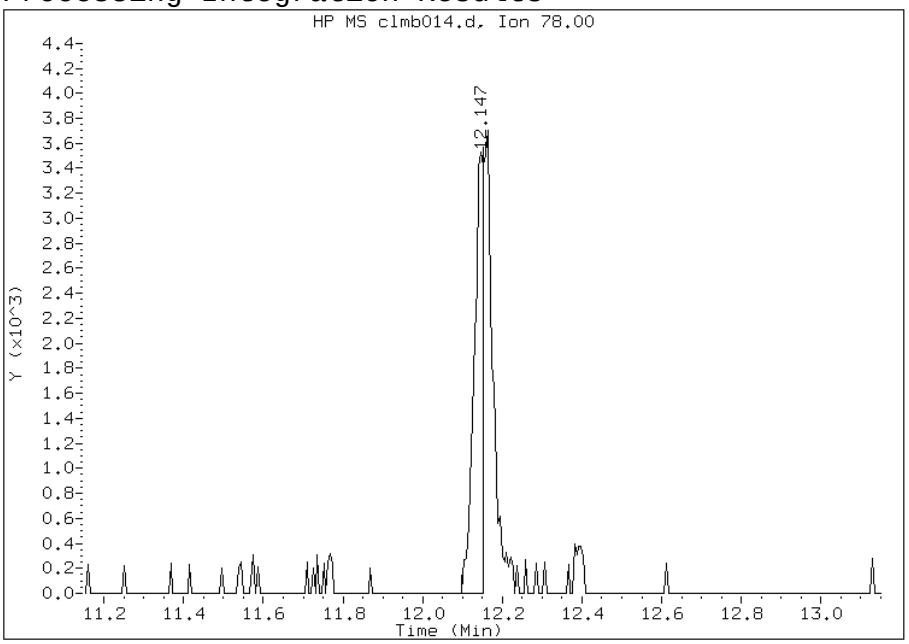
Processing Integration Results

RT: 12.15

Response: 5844

Amount: 0.097119

Conc: 0.097119



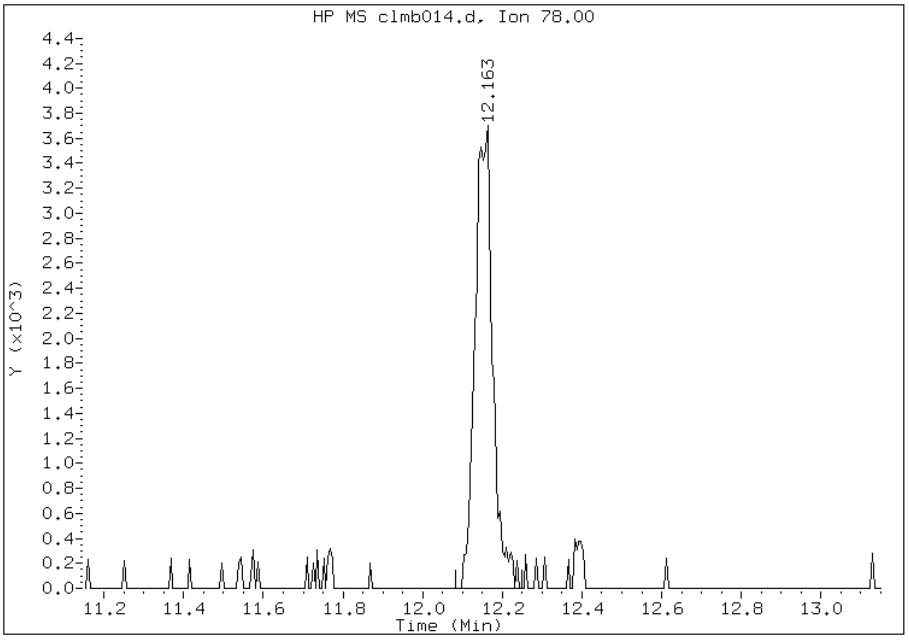
Manual Integration Results

RT: 12.16

Response: 11491

Amount: 0.190965

Conc: 0.190965



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb014.d
Lab Sample ID: 280-39902-8
Inj. Date and Time: 01-APR-2013 20:18
Instrument ID: C.i
Client ID: 785VMP0401HA
Compound: 61 Tetrachloroethene
CAS #: 127-18-4
Report Date: 04/02/2013

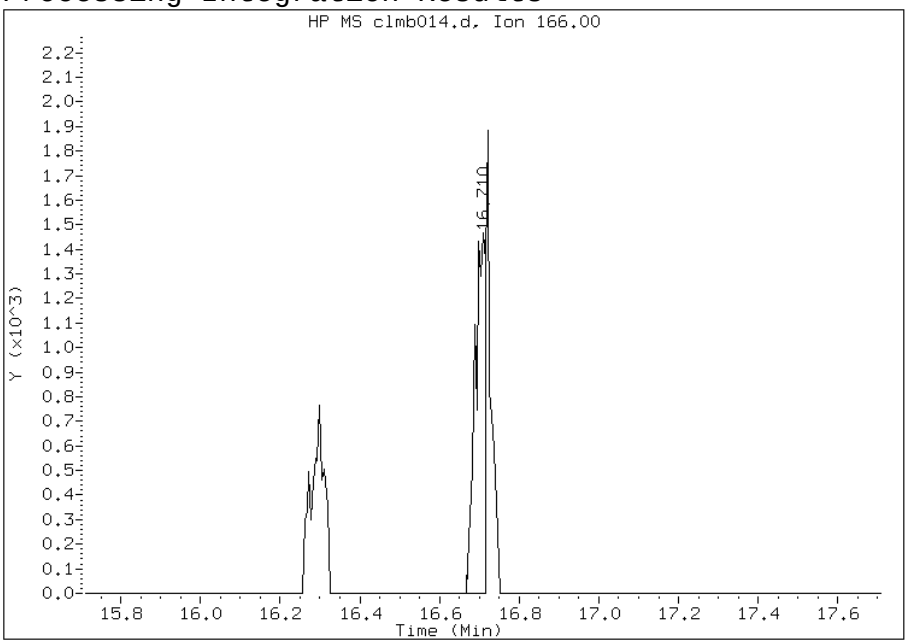
Processing Integration Results

RT: 16.71

Response: 2698

Amount: 0.058646

Conc: 0.058646



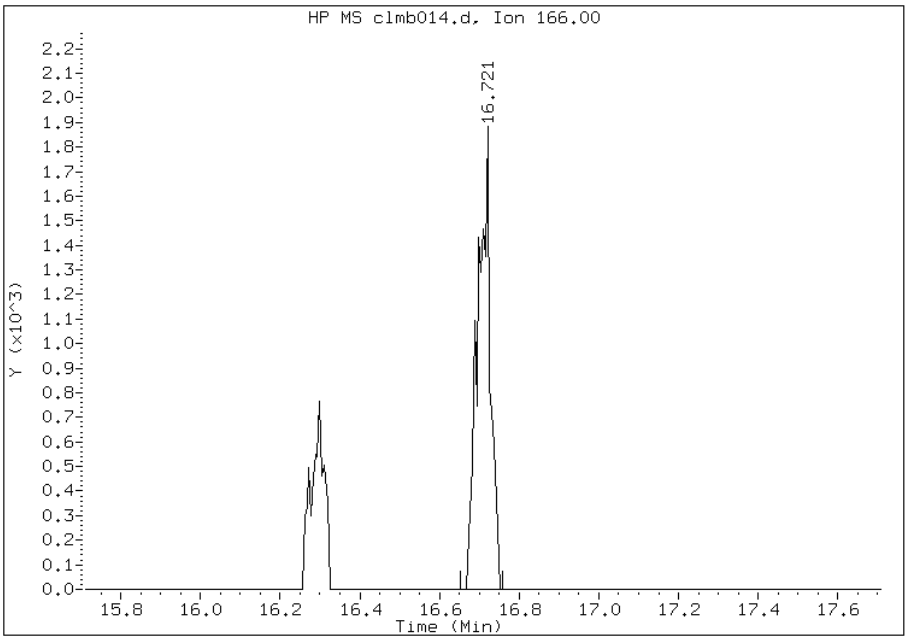
Manual Integration Results

RT: 16.72

Response: 4182

Amount: 0.090904

Conc: 0.090904



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb014.d
Lab Sample ID: 280-39902-8
Inj. Date and Time: 01-APR-2013 20:18
Instrument ID: C.i
Client ID: 785VMP0401HA
Compound: 72 Styrene
CAS #: 100-42-5
Report Date: 04/02/2013

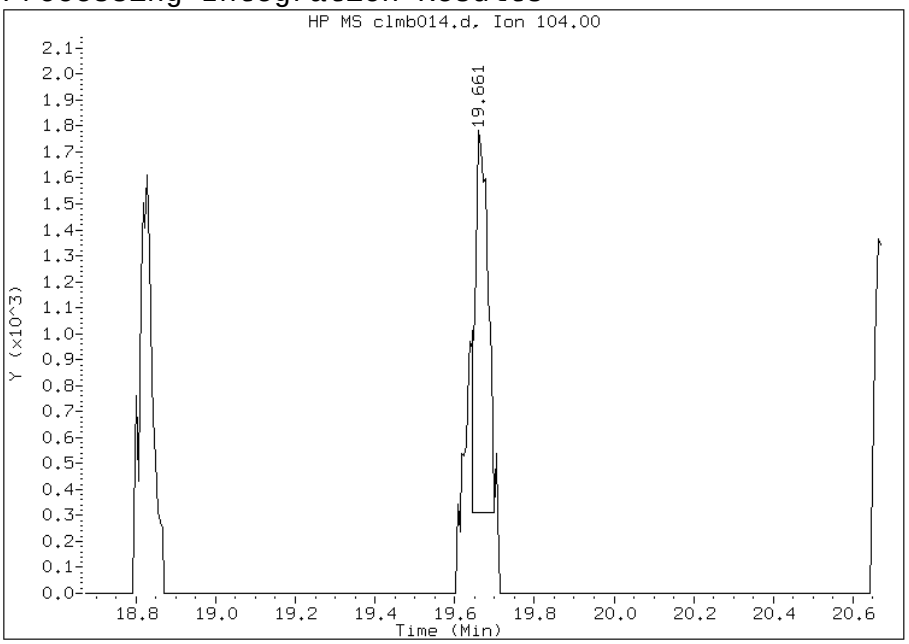
Processing Integration Results

RT: 19.66

Response: 3268

Amount: 0.062815

Conc: 0.062815



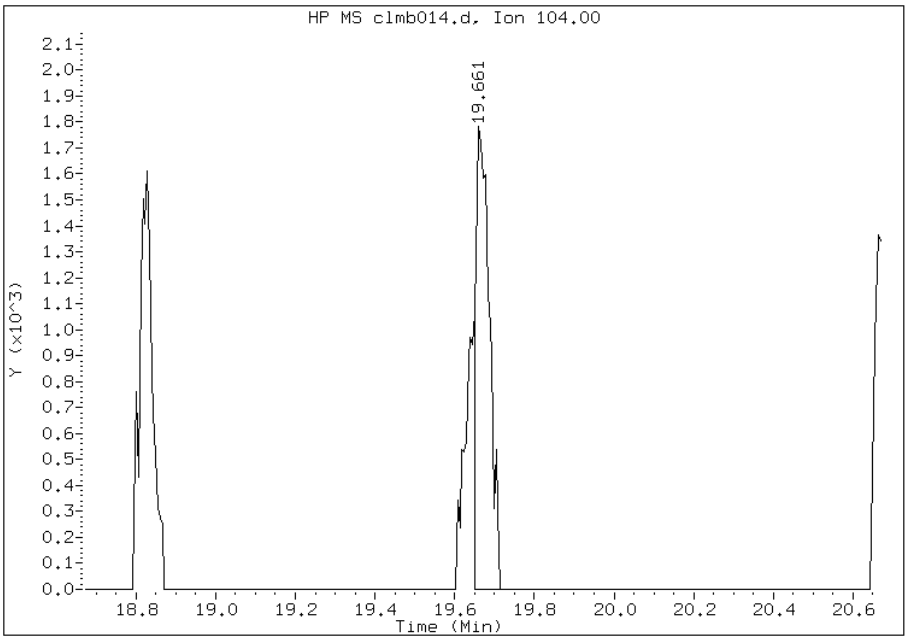
Manual Integration Results

RT: 19.66

Response: 4334

Amount: 0.083305

Conc: 0.083305



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.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA DL Lab Sample ID: 280-39902-8 DL

Matrix: Air Lab File ID: clmb018.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 50(mL) Date Analyzed: 04/01/2013 23:50

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.61	J	2.0	0.080
75-45-6	Freon 22	86.47	0.31	J	2.0	0.092
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.32	U	0.80	0.080
74-87-3	Chloromethane	50.49	0.32	U	2.0	0.14
106-97-8	n-Butane	58.12	0.32	U	2.0	0.088
75-01-4	Vinyl chloride	62.50	0.11	U	0.80	0.036
106-99-0	1,3-Butadiene	54.09	0.32	U	0.80	0.10
74-83-9	Bromomethane	94.94	0.32	U	0.80	0.11
75-00-3	Chloroethane	64.52	0.32	U	2.0	0.13
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.16	U	0.80	0.076
75-69-4	Trichlorofluoromethane	137.37	0.32	U	0.80	0.084
76-13-1	Freon TF	187.38	0.32	U	0.80	0.080
75-35-4	1,1-Dichloroethene	96.94	0.80	U	0.80	0.34
67-64-1	Acetone	58.08	2.9	J	20	1.6
67-63-0	Isopropyl alcohol	60.10	79		20	0.30
75-15-0	Carbon disulfide	76.14	0.32	U	2.0	0.080
107-05-1	3-Chloropropene	76.53	0.32	U	2.0	0.19
75-09-2	Methylene Chloride	84.93	0.32	U	2.0	0.092
75-65-0	tert-Butyl alcohol	74.12	0.32	U	20	0.16
1634-04-4	Methyl tert-butyl ether	88.15	0.16	U	0.80	0.060
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.80	0.092
110-54-3	n-Hexane	86.17	3.0		0.80	0.080
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.80	0.092
78-93-3	Methyl Ethyl Ketone	72.11	1.0	J	2.0	0.10
156-59-2	cis-1,2-Dichloroethene	96.94	0.80	U	0.80	0.34
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.80	0.092
67-66-3	Chloroform	119.38	0.32	U	0.80	0.096
109-99-9	Tetrahydrofuran	72.11	0.32	U	20	0.12
71-55-6	1,1,1-Trichloroethane	133.41	0.32	U	0.80	0.080
110-82-7	Cyclohexane	84.16	0.16	U	0.80	0.076
56-23-5	Carbon tetrachloride	153.81	0.16	U	0.80	0.052
540-84-1	2,2,4-Trimethylpentane	114.23	1.5	M	0.80	0.060
71-43-2	Benzene	78.11	0.16	U	0.80	0.072
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.80	0.072

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA DL Lab Sample ID: 280-39902-8 DL

Matrix: Air Lab File ID: clmb018.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 50(mL) Date Analyzed: 04/01/2013 23:50

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.93		0.80	0.068
79-01-6	Trichloroethene	131.39	0.56	J	0.80	0.037
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.064
78-87-5	1,2-Dichloropropane	112.99	0.32	U	0.80	0.092
123-91-1	1,4-Dioxane	88.11	0.80	U	20	0.28
75-27-4	Bromodichloromethane	163.83	0.16	U	0.80	0.048
10061-01-5	cis-1,3-Dichloropropene	110.97	0.16	U	0.80	0.052
108-10-1	methyl isobutyl ketone	100.16	0.32	U	2.0	0.14
108-88-3	Toluene	92.14	2.0		0.80	0.056
10061-02-6	trans-1,3-Dichloropropene	110.97	0.16	U	0.80	0.060
79-00-5	1,1,2-Trichloroethane	133.41	0.16	U	0.80	0.064
127-18-4	Tetrachloroethene	165.83	0.16	U	0.80	0.060
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.32	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.16	U	0.80	0.044
106-93-4	1,2-Dibromoethane	187.87	0.16	U	0.80	0.056
108-90-7	Chlorobenzene	112.30	0.16	U	0.80	0.052
100-41-4	Ethylbenzene	106.17	0.48	J	0.80	0.060
179601-23-1	m,p-Xylene	106.17	1.2	J	2.0	0.088
95-47-6	Xylene, o-	106.17	0.53	J M	0.80	0.064
1330-20-7	Xylene (total)	106.17	1.8		0.80	0.064
100-42-5	Styrene	104.15	0.16	U	0.80	0.044
75-25-2	Bromoform	252.75	0.11	U	0.80	0.029
98-82-8	Cumene	120.19	0.16	U	0.80	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.16	U	0.80	0.044
103-65-1	n-Propylbenzene	120.19	0.16	U	0.80	0.052
622-96-8	4-Ethyltoluene	120.20	0.16	U	0.80	0.060
108-67-8	1,3,5-Trimethylbenzene	120.20	0.16	U	0.80	0.076
95-49-8	2-Chlorotoluene	126.59	0.16	U	0.80	0.052
98-06-6	tert-Butylbenzene	134.22	0.16	U	0.80	0.044
95-63-6	1,2,4-Trimethylbenzene	120.20	0.22	J	0.80	0.084
135-98-8	sec-Butylbenzene	134.22	0.16	U	0.80	0.060
99-87-6	4-Isopropyltoluene	134.22	0.32	U	0.80	0.080
541-73-1	1,3-Dichlorobenzene	147.00	3.2		0.80	0.076
106-46-7	1,4-Dichlorobenzene	147.00	0.16	U	0.80	0.072

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA DL Lab Sample ID: 280-39902-8 DL

Matrix: Air Lab File ID: clmb018.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 50(mL) Date Analyzed: 04/01/2013 23:50

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*0.32*	*U*	*0.80*	*0.088*
104-51-8	*n-Butylbenzene*	*134.22*	*0.32*	*U*	*0.80*	*0.088*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*0.32*	*U*	*0.80*	*0.10*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*0.32*	*U*	*2.0*	*0.12*
87-68-3	*Hexachlorobutadiene*	*260.76*	*0.32*	*U*	*0.80*	*0.12*
91-20-3	*Naphthalene*	*128.17*	*0.32*	*U*	*2.0*	*0.15*

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA DL Lab Sample ID: 280-39902-8 DL

Matrix: Air Lab File ID: clmb018.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 50(mL) Date Analyzed: 04/01/2013 23:50

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.0	J	9.9	0.40
75-45-6	Freon 22	86.47	1.1	J	7.1	0.33
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.2	U	5.6	0.56
74-87-3	Chloromethane	50.49	0.66	U	4.1	0.28
106-97-8	n-Butane	58.12	0.76	U	4.8	0.21
75-01-4	Vinyl chloride	62.50	0.29	U	2.0	0.093
106-99-0	1,3-Butadiene	54.09	0.71	U	1.8	0.22
74-83-9	Bromomethane	94.94	1.2	U	3.1	0.42
75-00-3	Chloroethane	64.52	0.84	U	5.3	0.35
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.70	U	3.5	0.33
75-69-4	Trichlorofluoromethane	137.37	1.8	U	4.5	0.47
76-13-1	Freon TF	187.38	2.5	U	6.1	0.61
75-35-4	1,1-Dichloroethene	96.94	3.2	U	3.2	1.4
67-64-1	Acetone	58.08	7.0	J	48	3.8
67-63-0	Isopropyl alcohol	60.10	190		49	0.75
75-15-0	Carbon disulfide	76.14	1.0	U	6.2	0.25
107-05-1	3-Chloropropene	76.53	1.0	U	6.3	0.59
75-09-2	Methylene Chloride	84.93	1.1	U	6.9	0.32
75-65-0	tert-Butyl alcohol	74.12	0.97	U	61	0.50
1634-04-4	Methyl tert-butyl ether	88.15	0.58	U	2.9	0.22
156-60-5	trans-1,2-Dichloroethene	96.94	1.3	U	3.2	0.36
110-54-3	n-Hexane	86.17	11		2.8	0.28
75-34-3	1,1-Dichloroethane	98.96	1.3	U	3.2	0.37
78-93-3	Methyl Ethyl Ketone	72.11	3.0	J	5.9	0.29
156-59-2	cis-1,2-Dichloroethene	96.94	3.2	U	3.2	1.3
540-59-0	1,2-Dichloroethene, Total	96.94	1.3	U	3.2	0.36
67-66-3	Chloroform	119.38	1.6	U	3.9	0.47
109-99-9	Tetrahydrofuran	72.11	0.94	U	59	0.34
71-55-6	1,1,1-Trichloroethane	133.41	1.7	U	4.4	0.44
110-82-7	Cyclohexane	84.16	0.55	U	2.8	0.26
56-23-5	Carbon tetrachloride	153.81	1.0	U	5.0	0.33
540-84-1	2,2,4-Trimethylpentane	114.23	6.8	M	3.7	0.28
71-43-2	Benzene	78.11	0.51	U	2.6	0.23
107-06-2	1,2-Dichloroethane	98.96	0.65	U	3.2	0.29

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

Lab Name: TestAmerica Burlington | Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA DL | Lab Sample ID: 280-39902-8 DL

Matrix: Air | Lab File ID: clmb018.d

Analysis Method: TO-15 | Date Collected: 03/06/2013 15:50

Sample wt/vol: 50(mL) | Date Analyzed: 04/01/2013 23:50

Soil Aliquot Vol: | Dilution Factor: 4

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 53730 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	3.8		3.3	0.28
79-01-6	Trichloroethene	131.39	3.0	J	4.3	0.20
80-62-6	Methyl methacrylate	100.12	0.66	U	8.2	0.26
78-87-5	1,2-Dichloropropane	112.99	1.5	U	3.7	0.43
123-91-1	1,4-Dioxane	88.11	2.9	U	72	1.0
75-27-4	Bromodichloromethane	163.83	1.1	U	5.4	0.32
10061-01-5	cis-1,3-Dichloropropene	110.97	0.73	U	3.6	0.24
108-10-1	methyl isobutyl ketone	100.16	1.3	U	8.2	0.56
108-88-3	Toluene	92.14	7.4		3.0	0.21
10061-02-6	trans-1,3-Dichloropropene	110.97	0.73	U	3.6	0.27
79-00-5	1,1,2-Trichloroethane	133.41	0.87	U	4.4	0.35
127-18-4	Tetrachloroethene	165.83	1.1	U	5.4	0.41
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.3	U	8.2	0.66
124-48-1	Dibromochloromethane	208.29	1.4	U	6.8	0.37
106-93-4	1,2-Dibromoethane	187.87	1.2	U	6.1	0.43
108-90-7	Chlorobenzene	112.30	0.73	U	3.7	0.24
100-41-4	Ethylbenzene	106.17	2.1	J	3.5	0.26
179601-23-1	m,p-Xylene	106.17	5.4	J	8.7	0.38
95-47-6	Xylene, o-	106.17	2.3	J M	3.5	0.28
1330-20-7	Xylene (total)	106.17	7.7		3.5	0.28
100-42-5	Styrene	104.15	0.68	U	3.4	0.19
75-25-2	Bromoform	252.75	1.2	U	8.3	0.30
98-82-8	Cumene	120.19	0.79	U	3.9	0.22
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.1	U	5.5	0.30
103-65-1	n-Propylbenzene	120.19	0.79	U	3.9	0.26
622-96-8	4-Ethyltoluene	120.20	0.79	U	3.9	0.29
108-67-8	1,3,5-Trimethylbenzene	120.20	0.79	U	3.9	0.37
95-49-8	2-Chlorotoluene	126.59	0.83	U	4.1	0.27
98-06-6	tert-Butylbenzene	134.22	0.88	U	4.4	0.24
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1	J	3.9	0.41
135-98-8	sec-Butylbenzene	134.22	0.88	U	4.4	0.33
99-87-6	4-Isopropyltoluene	134.22	1.8	U	4.4	0.44
541-73-1	1,3-Dichlorobenzene	147.00	19		4.8	0.46
106-46-7	1,4-Dichlorobenzene	147.00	0.96	U	4.8	0.43

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0401HA DL Lab Sample ID: 280-39902-8 DL

Matrix: Air Lab File ID: clmb018.d

Analysis Method: TO-15 Date Collected: 03/06/2013 15:50

Sample wt/vol: 50(mL) Date Analyzed: 04/01/2013 23:50

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*1.7*	*U*	*4.1*	*0.46*
104-51-8	*n-Butylbenzene*	*134.22*	*1.8*	*U*	*4.4*	*0.48*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*1.9*	*U*	*4.8*	*0.63*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*2.4*	*U*	*15*	*0.89*
87-68-3	*Hexachlorobutadiene*	*260.76*	*3.4*	*U*	*8.5*	*1.2*
91-20-3	*Naphthalene*	*128.17*	*1.7*	*U*	*10*	*0.80*

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-8
Client Smp ID: 785VMP0401HA
Inj Date : 01-APR-2013 23:50
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-8
Misc Info : 50,4,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 13
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	50.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	10642	0.15314	0.61(a)
3 Chlorodifluoromethane	51	3.752	3.752	(0.339)	2432	0.07841	0.31(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.344	7.333	(0.663)	11886	0.73549	2.9(aQ)
21 Carbon disulfide	76	Compound Not Detected.					

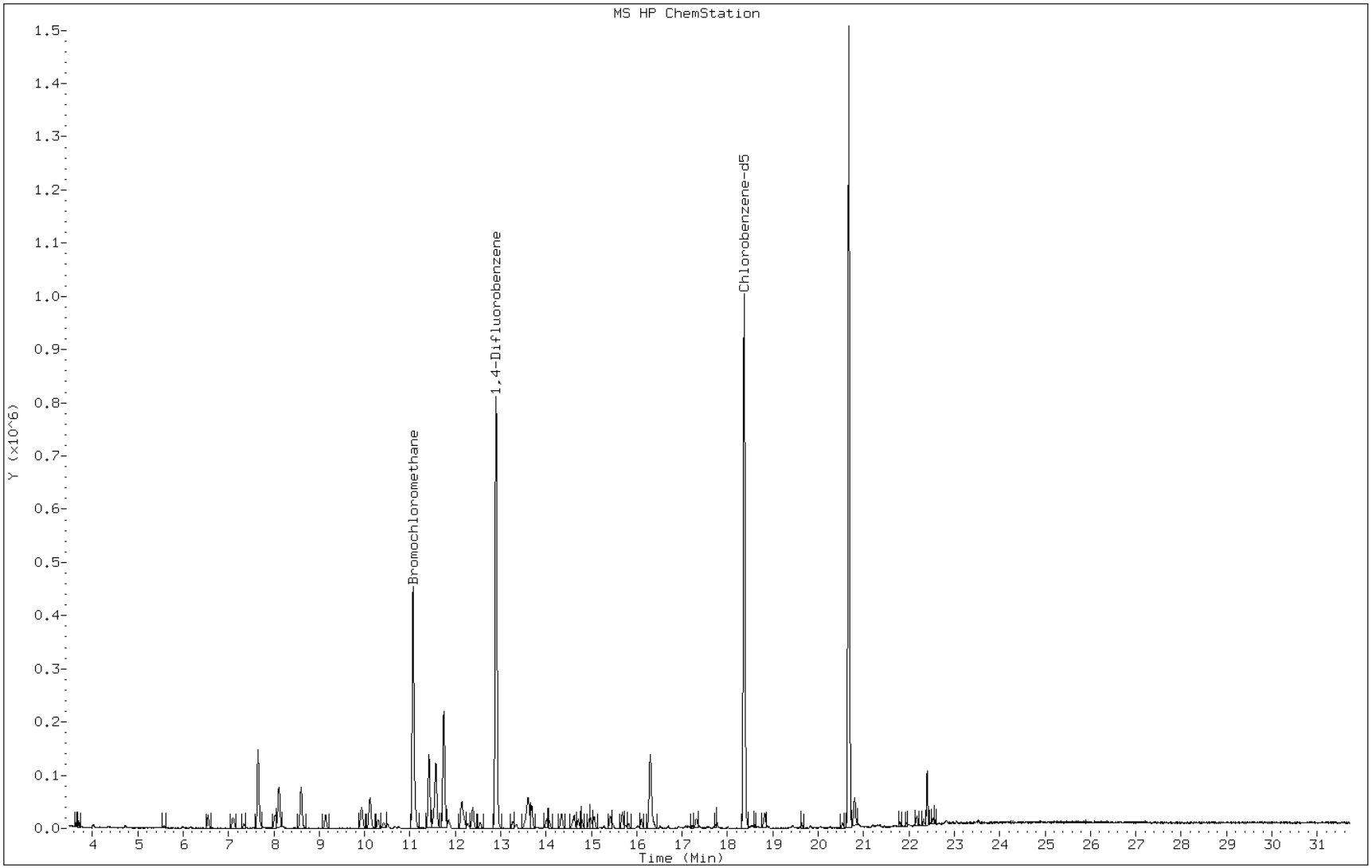
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	7.653	7.658	(0.691)	252379	19.7444	79
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.142	9.142	(0.826)	17234	0.75290	3.0
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.669	10.668	(0.964)	1740	0.25752	1.0(aQ)
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	177044	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	12.195	12.195	(0.945)	25165	0.36282	1.5(QM)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.542	12.552	(0.972)	5033	0.23319	0.93(Q)
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	948437	10.0000	
	49 Trichloroethene	95	13.342	13.342	(1.034)	3964	0.14076	0.56(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.680	15.685	(0.854)	19840	0.48952	2.0
	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	18.370	18.375	(1.000)	899173	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.583	18.594	(1.012)	10453	0.11993	0.48(a)
	69 Xylene (m,p)	106	18.829	18.834	(1.025)	10125	0.31025	1.2(a)
M	70 Xylenes, Total	106				14394	0.44316	1.8
	71 Xylene (o)	106	19.619	19.629	(1.068)	4269	0.13291	0.53(aM)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	4653	0.05623	0.22(aQ)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	47137	0.80662	3.2(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb018.d	Date:	01-APR-2013 23:50
Client ID:	785VMP0401HA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-8		
Lab Sample ID:	280-39902-8		



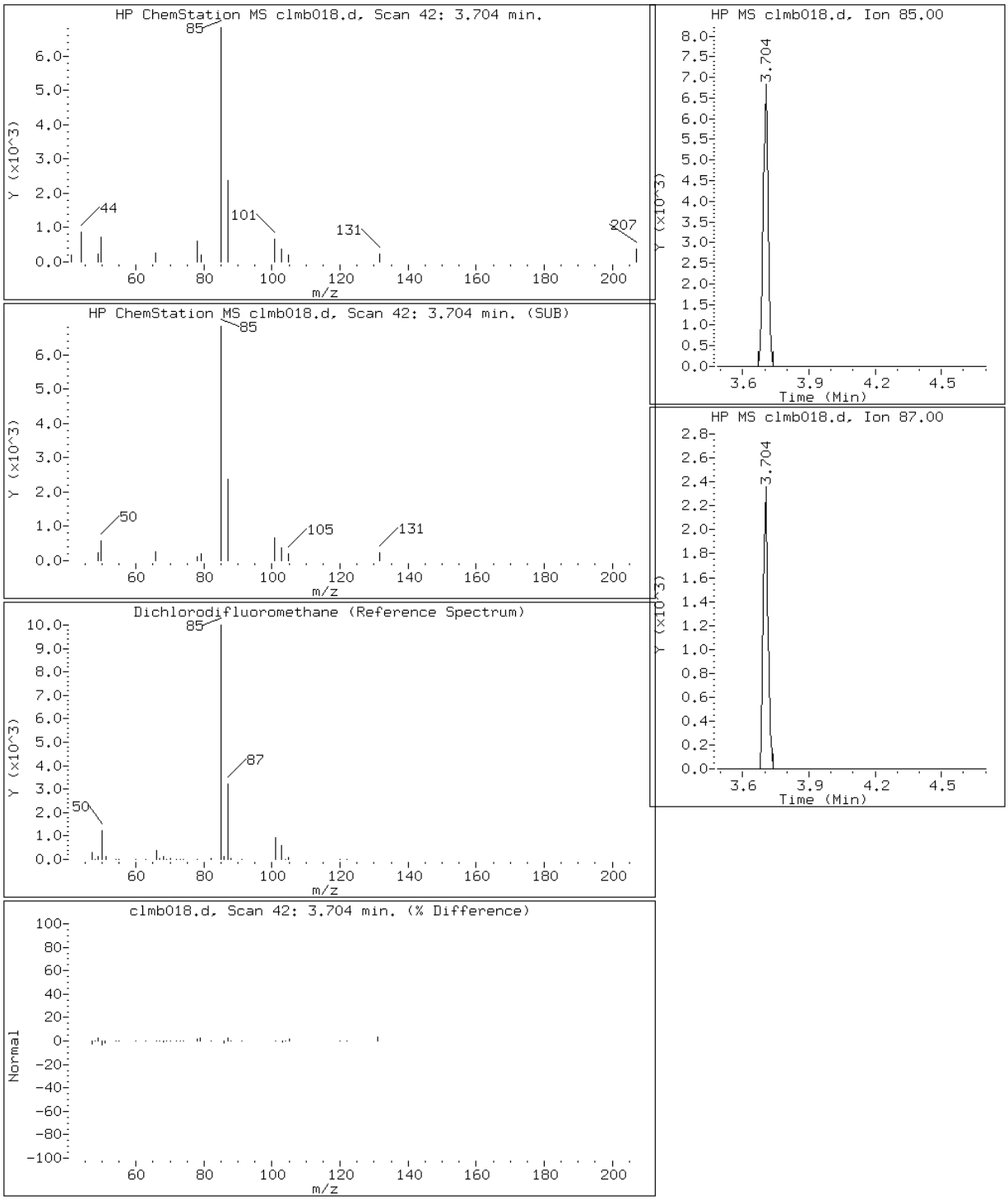
Data File: clmb018.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

2 Dichlorodifluoromethane



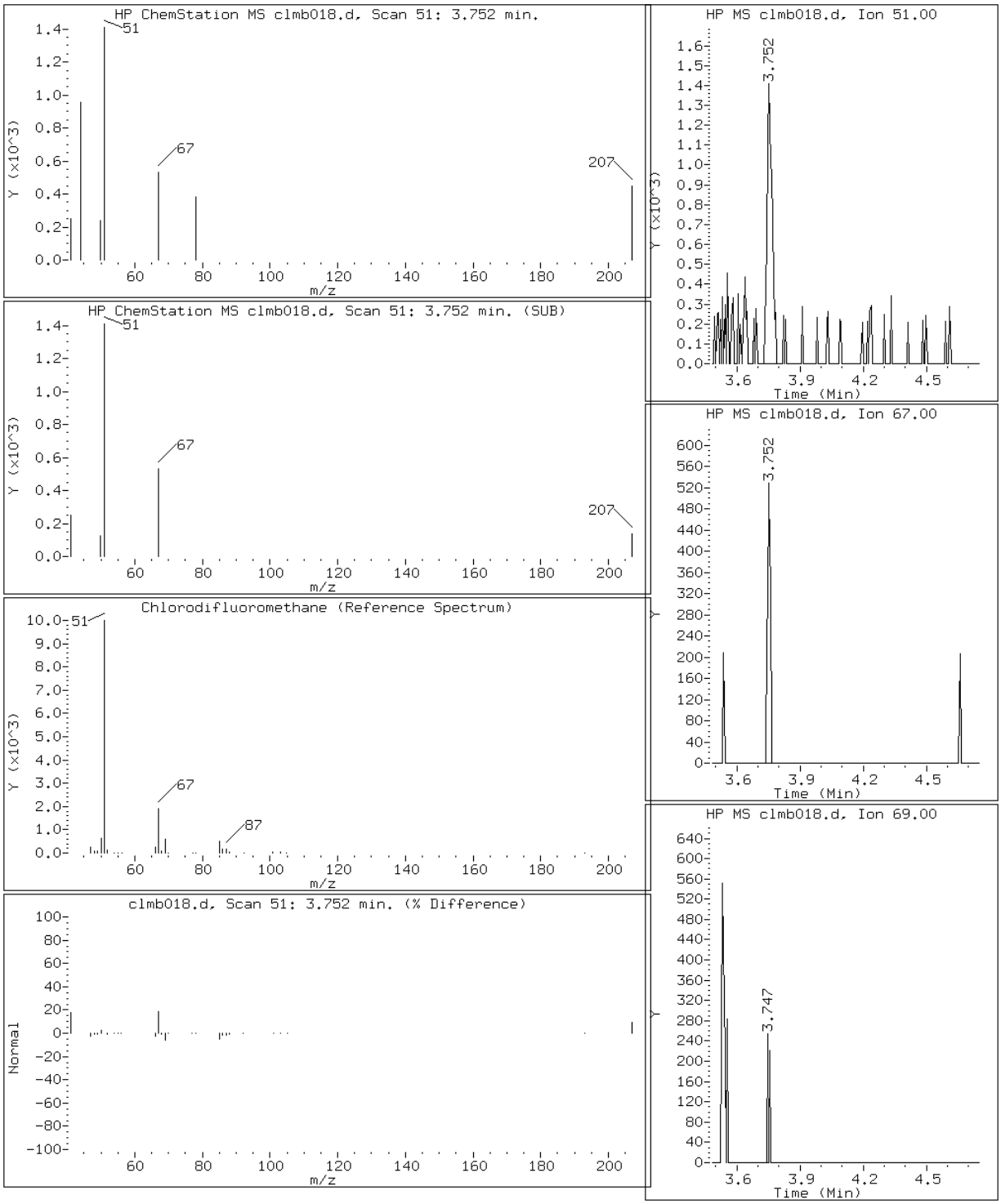
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

3 Chlorodifluoromethane



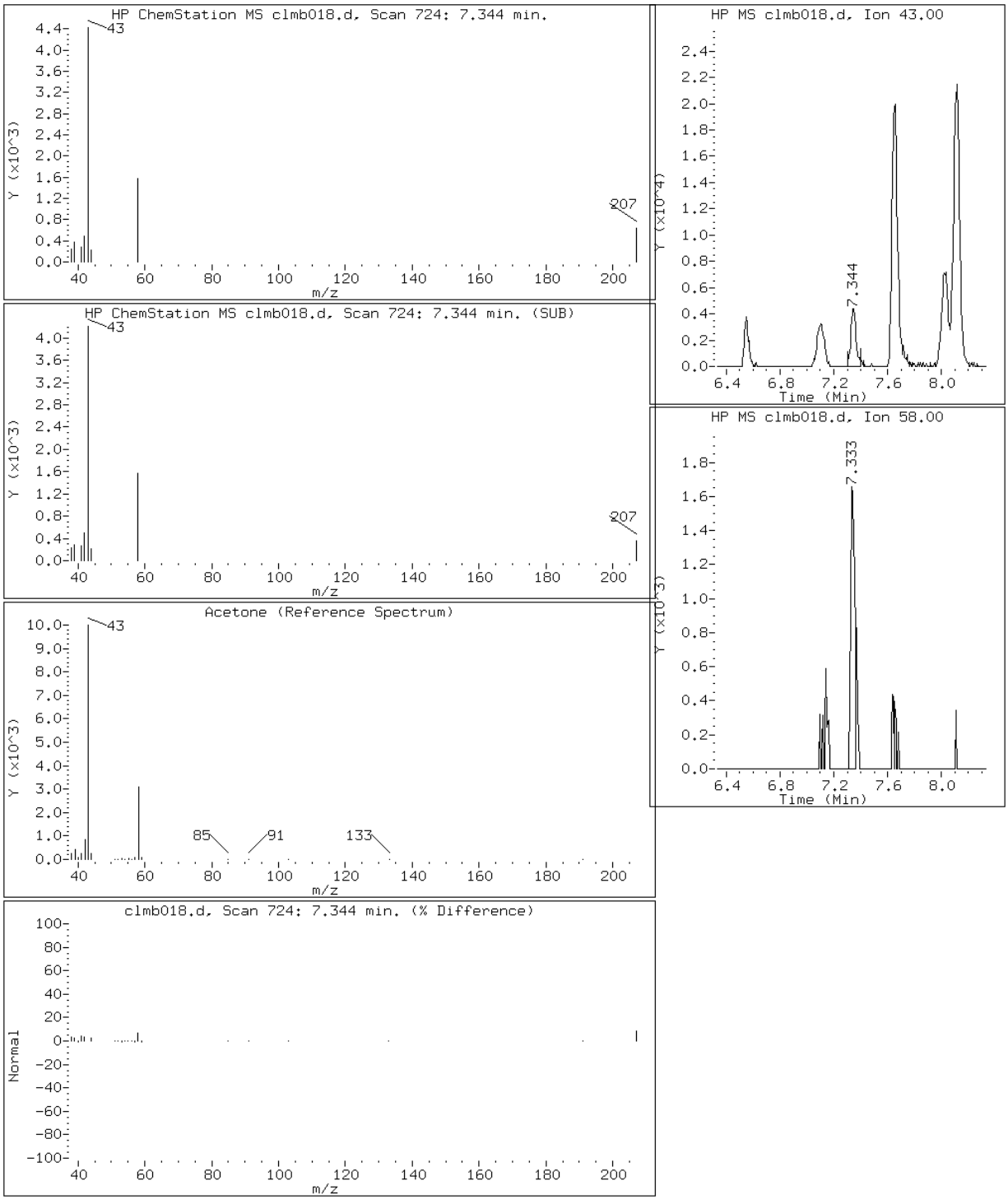
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

20 Acetone



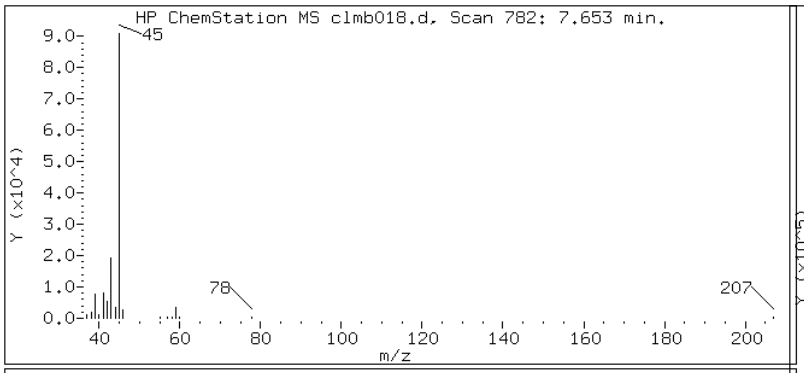
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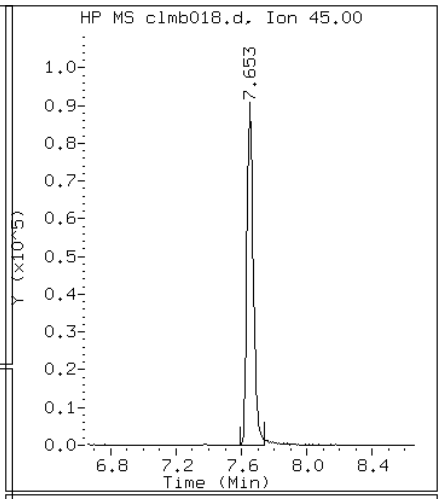
Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

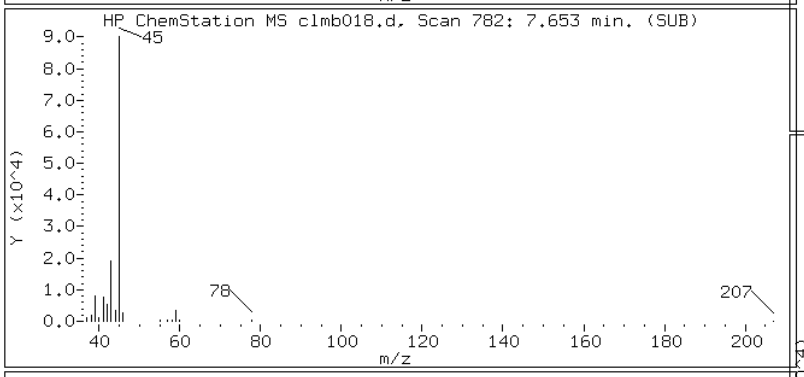
Client ID: 785VMP0401HA Instrument: C.i

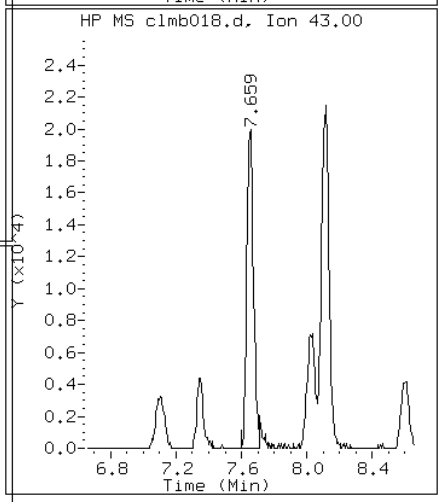
Sample Info: 280-39902-A-8 Operator: wrd

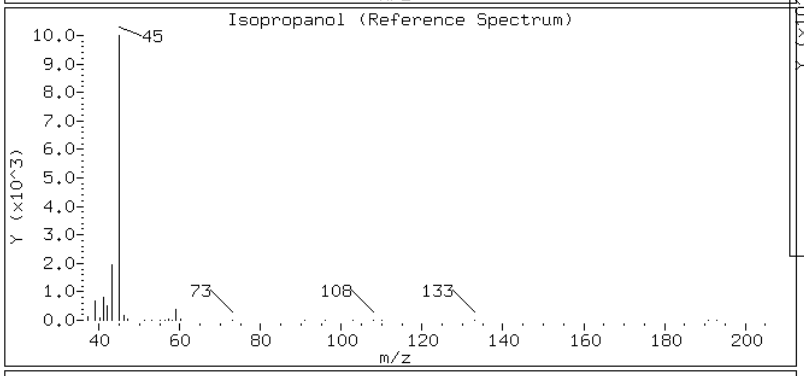
22 Isopropanol

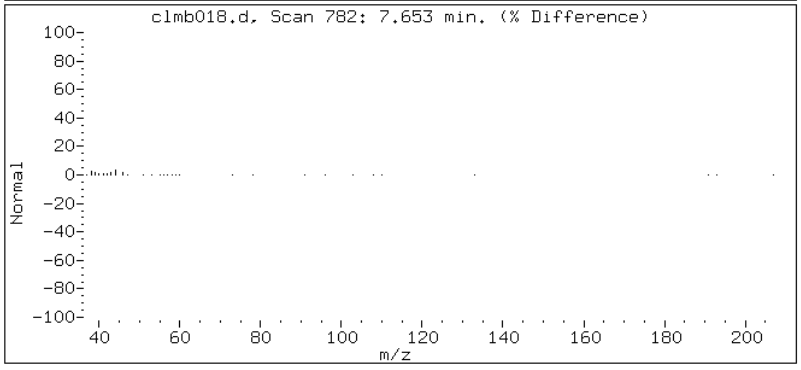












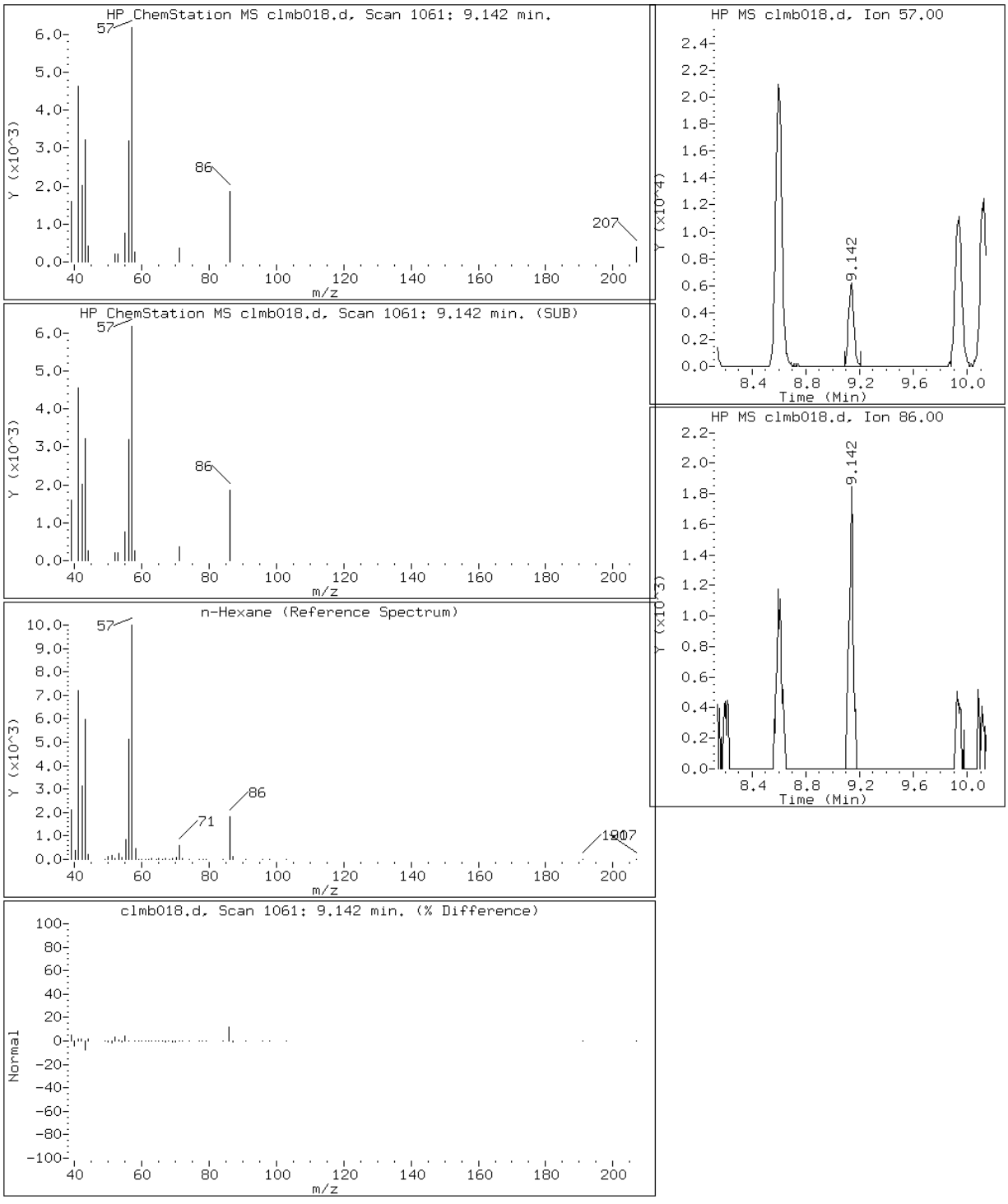
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

30 n-Hexane



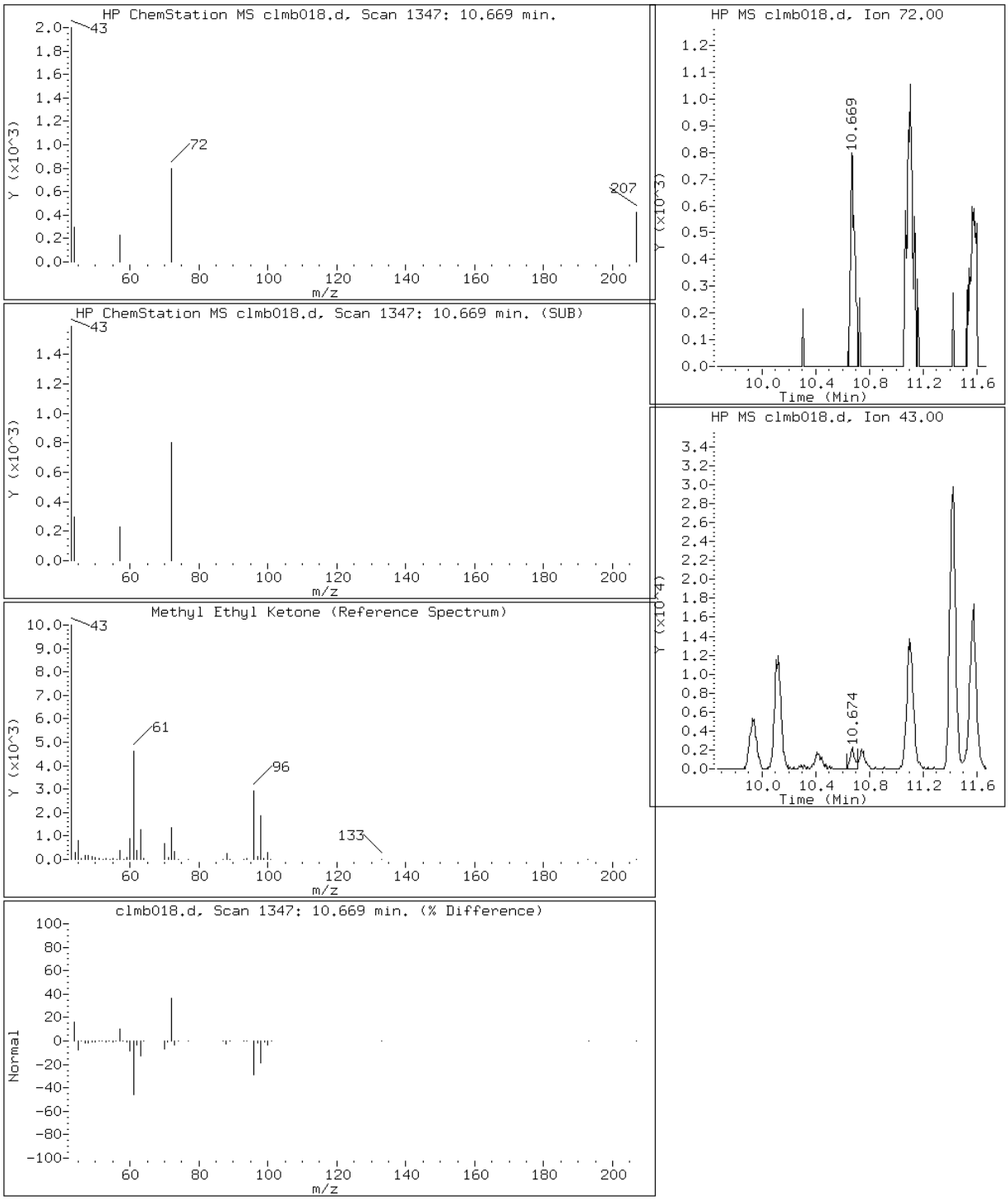
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

36 Methyl Ethyl Ketone



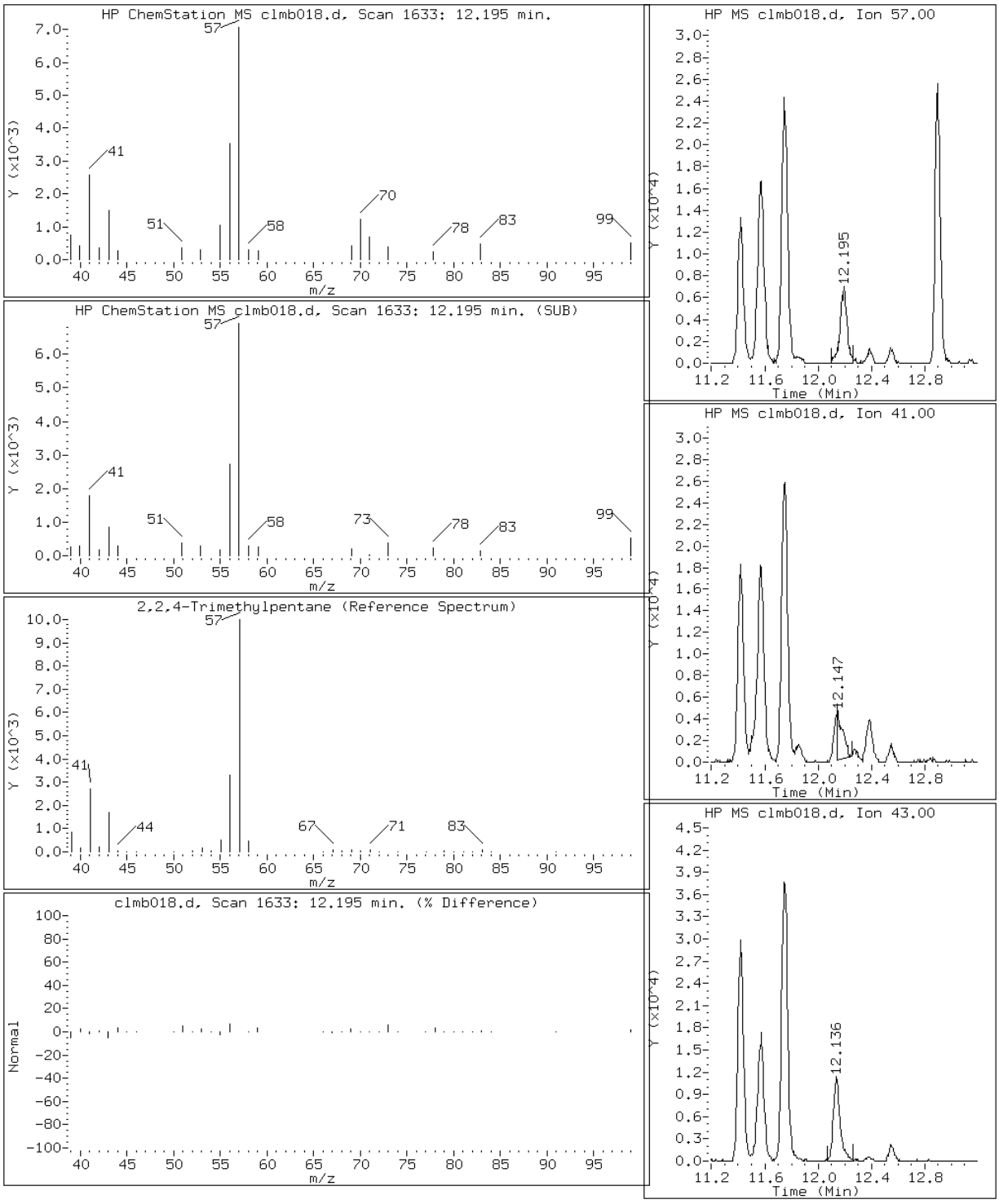
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

43 2,2,4-Trimethylpentane



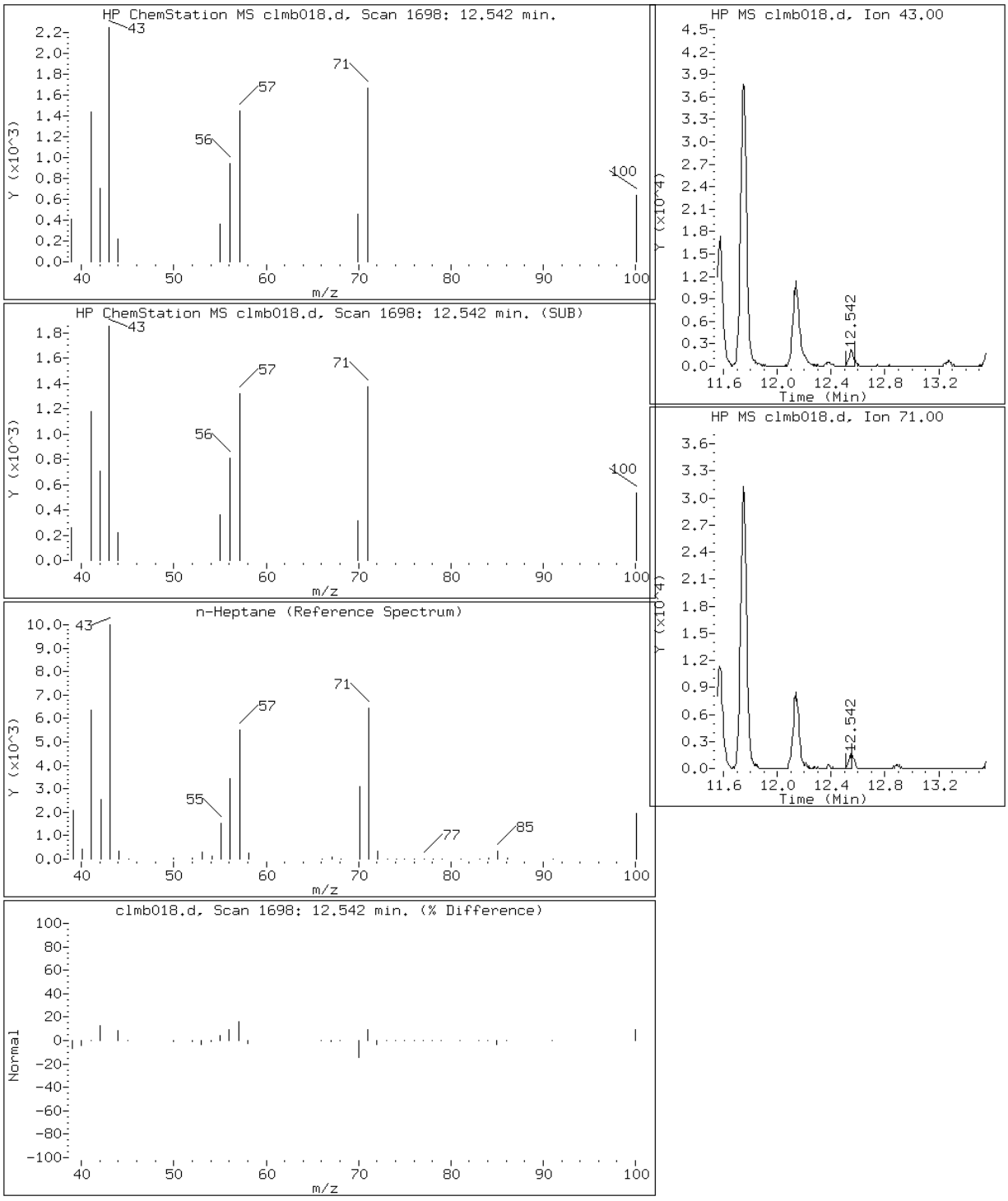
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

46 n-Heptane



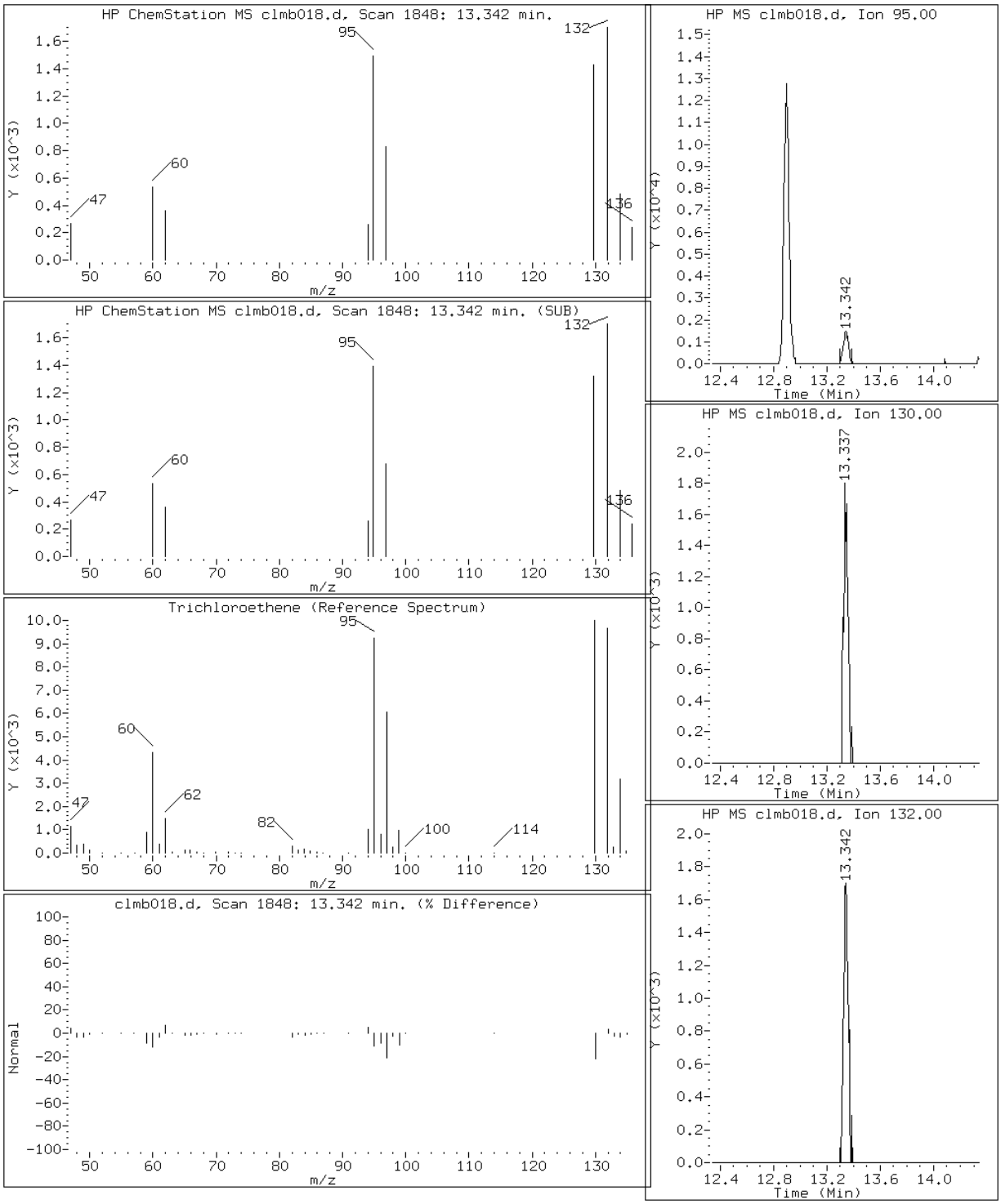
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

49 Trichloroethene



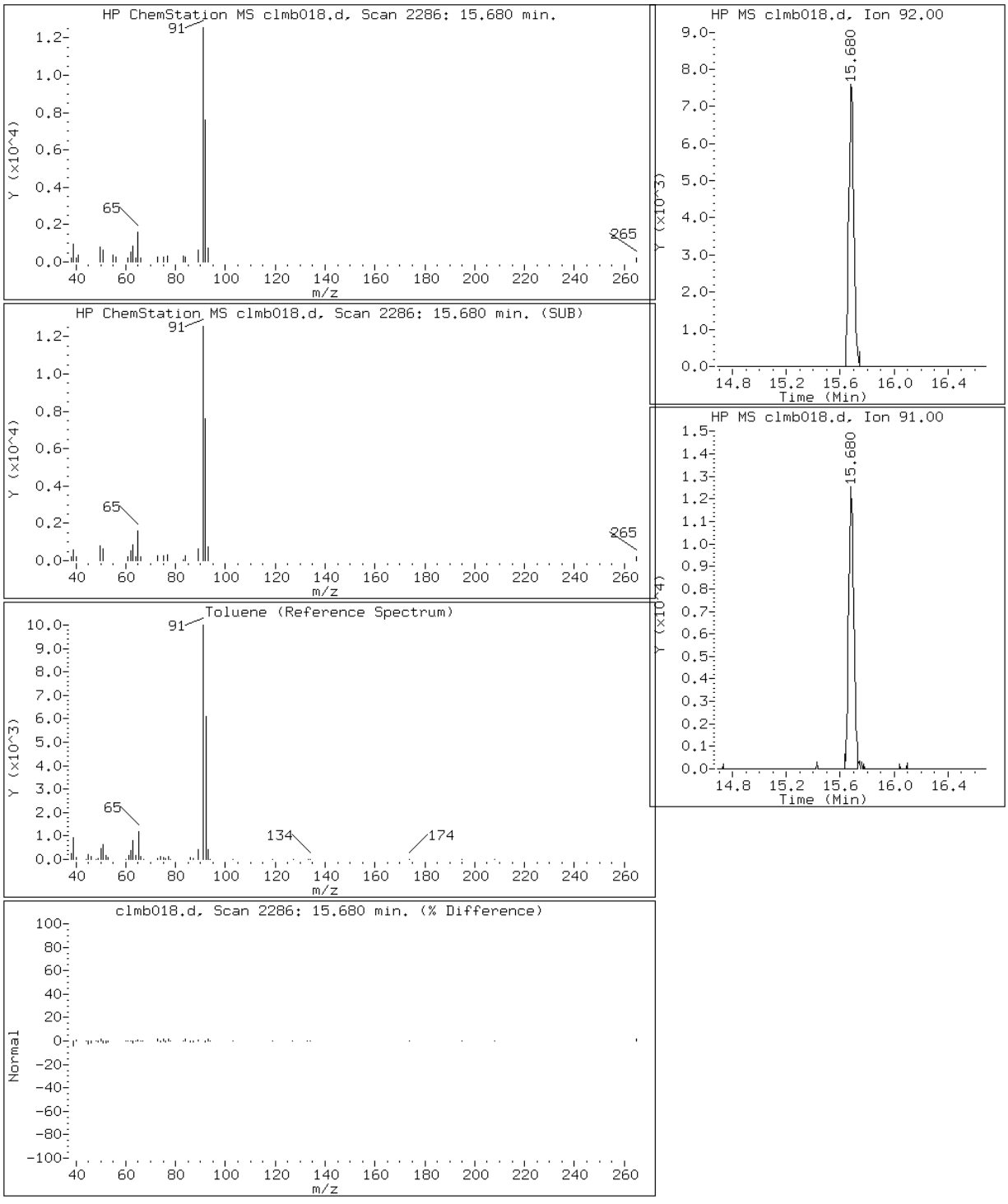
Data File: clmb018.d

Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

58 Toluene



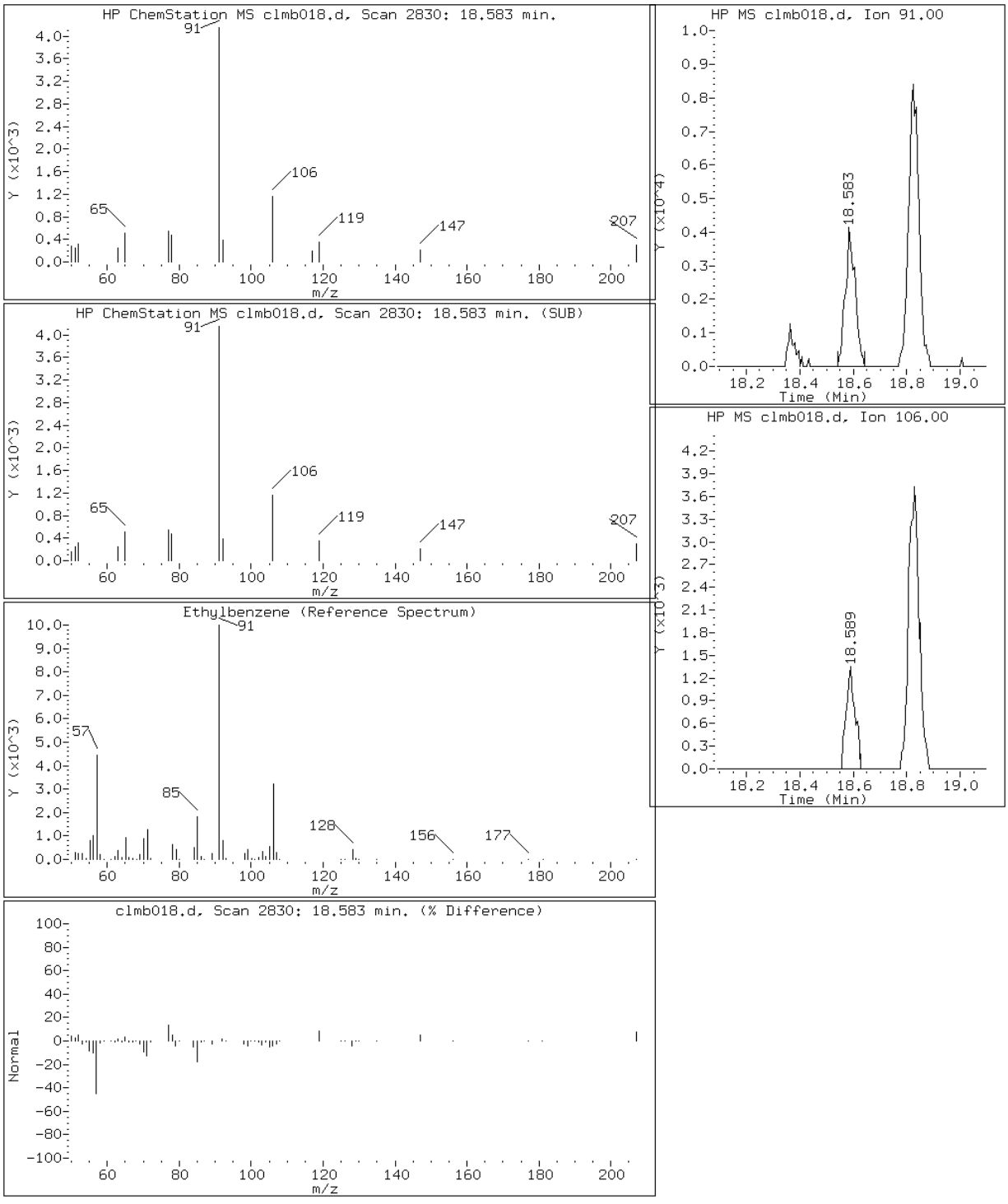
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

68 Ethylbenzene



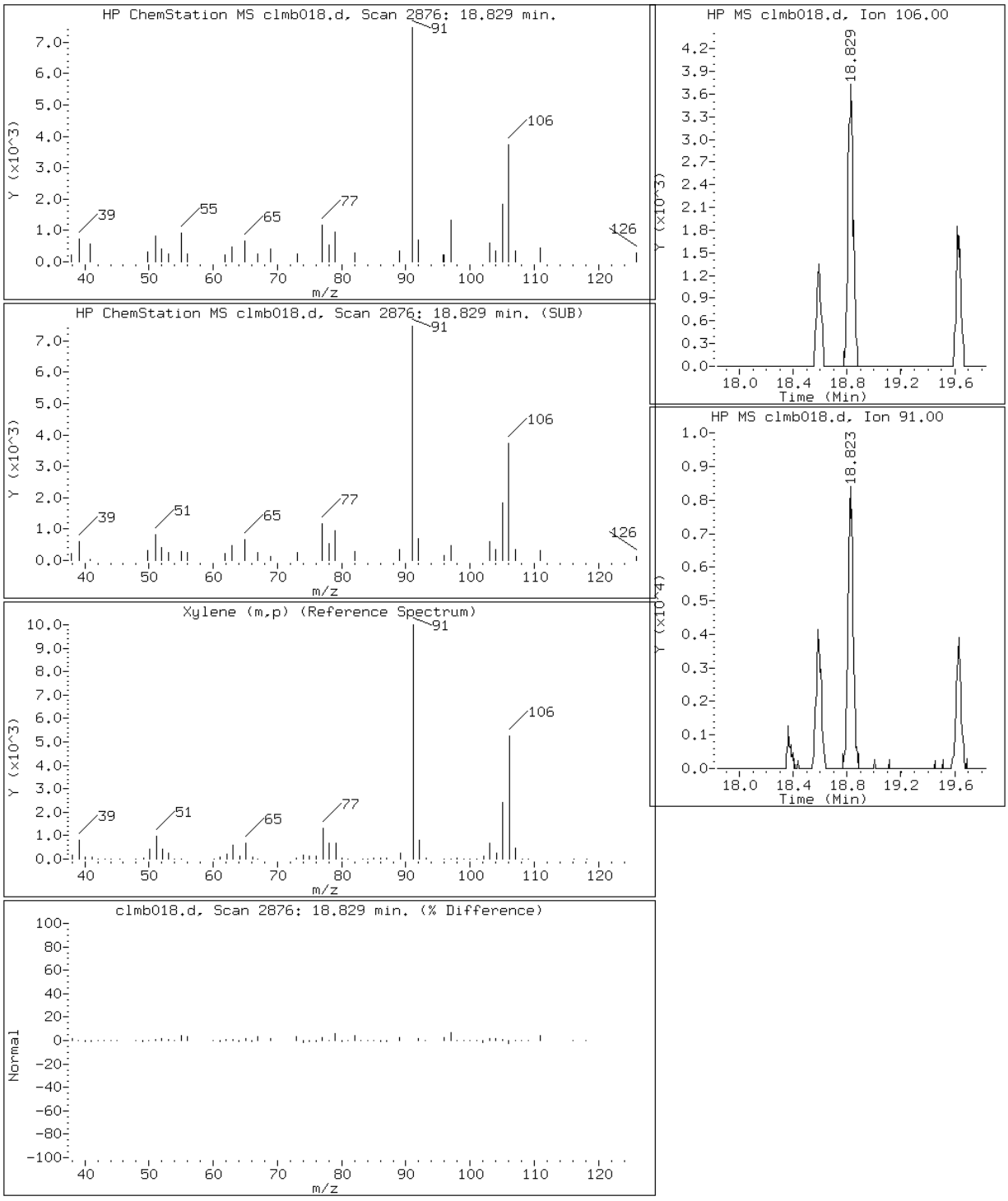
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

69 Xylene (m,p)



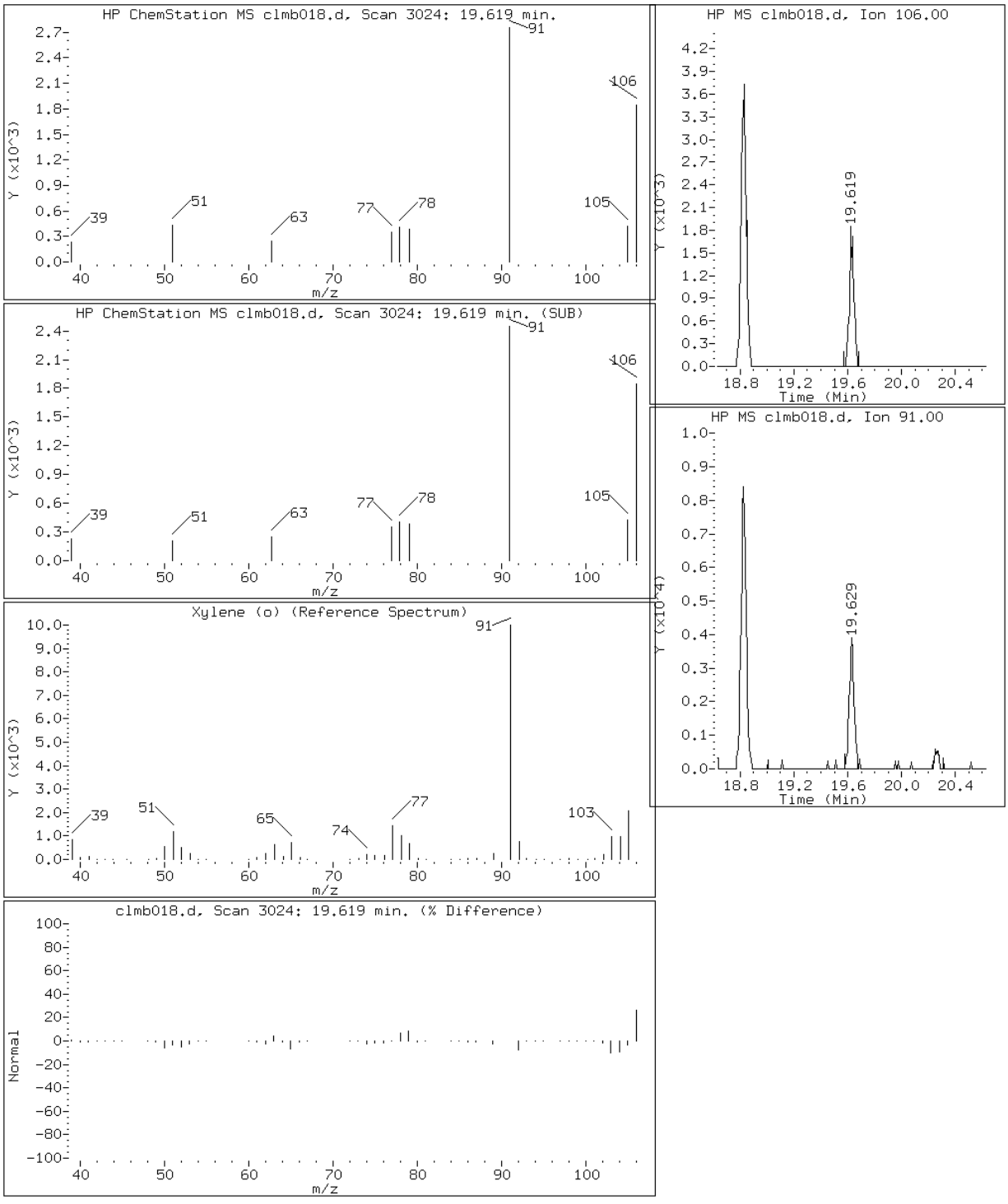
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

71 Xylene (o)



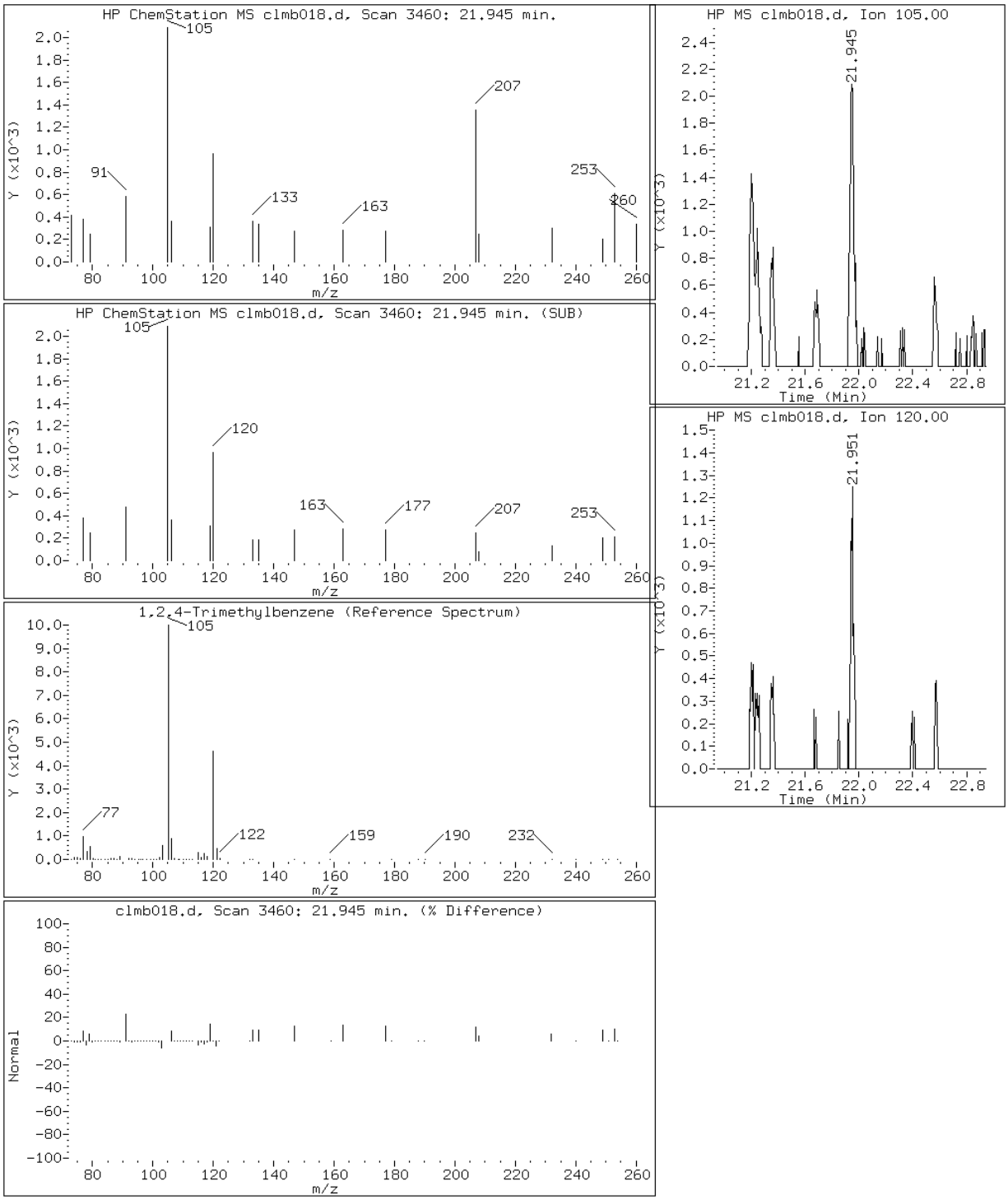
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

84 1,2,4-Trimethylbenzene



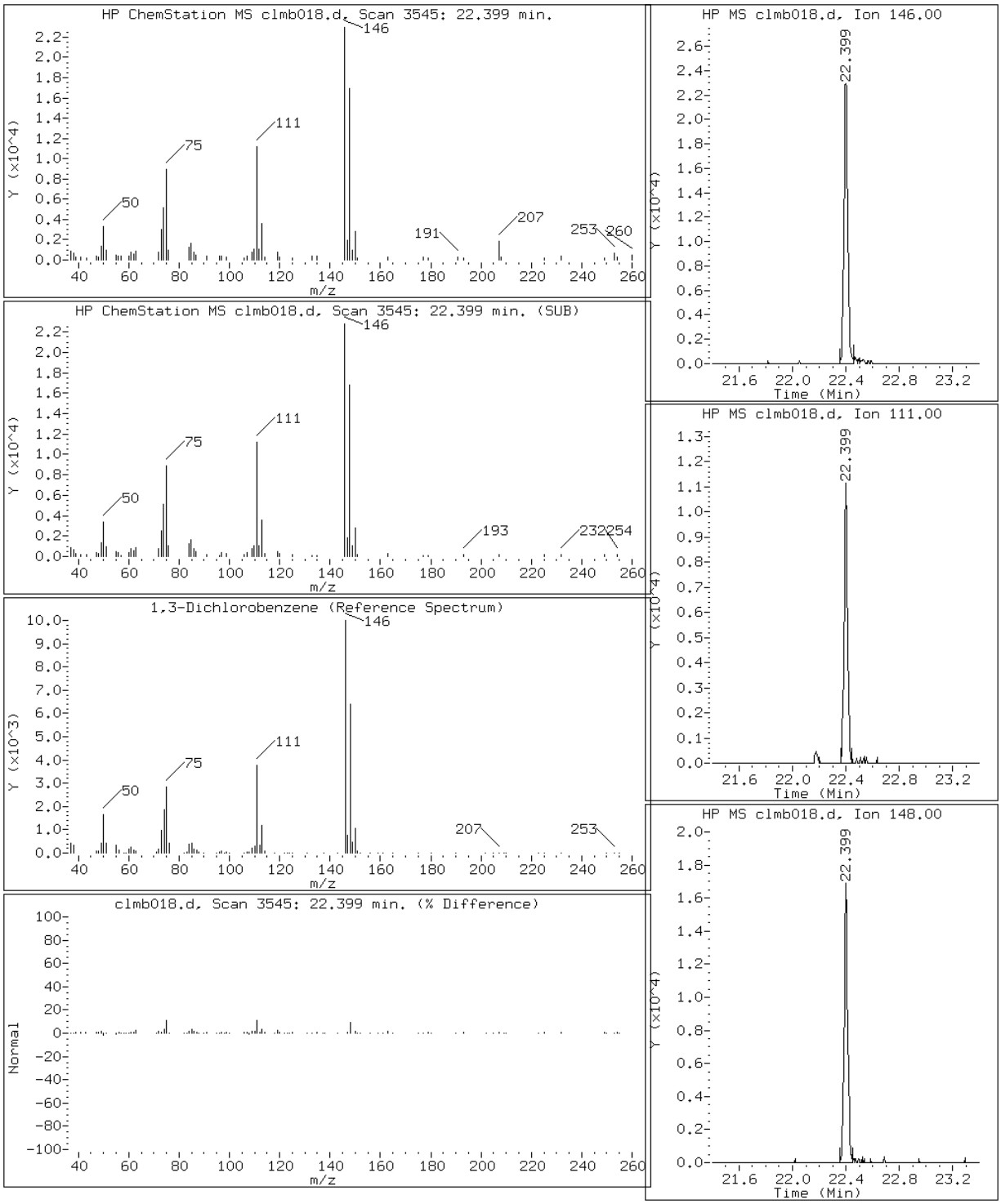
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Lab Sample ID: 280-39902-8 Date: 01-APR-2013 23:50

Client ID: 785VMP0401HA Instrument: C.i

Sample Info: 280-39902-A-8 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb018.d
Lab Sample ID: 280-39902-8
Inj. Date and Time: 01-APR-2013 23:50
Instrument ID: C.i
Client ID: 785VMP0401HA
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 04/02/2013

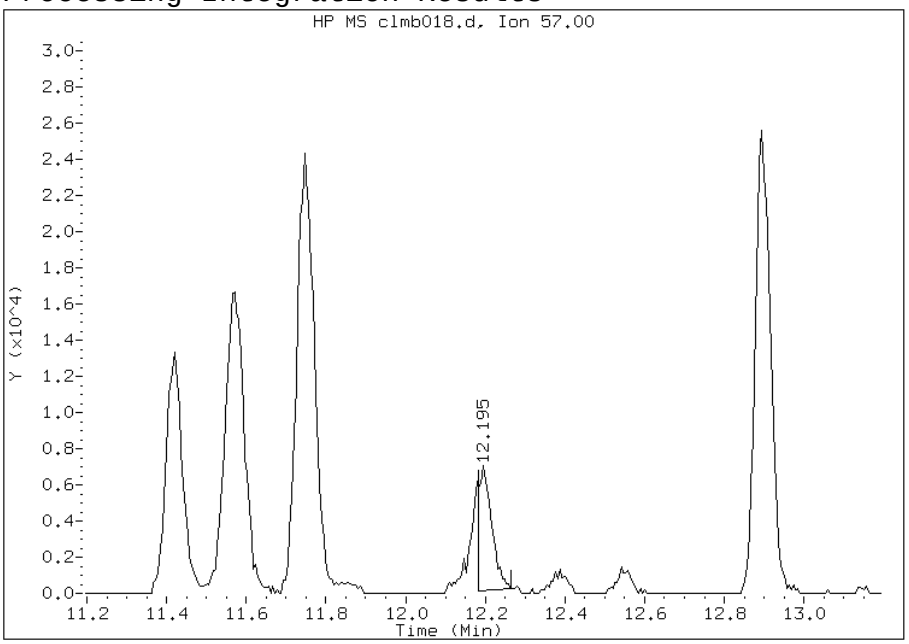
Processing Integration Results

RT: 12.19

Response: 15071

Amount: 0.217281

Conc: 0.869123



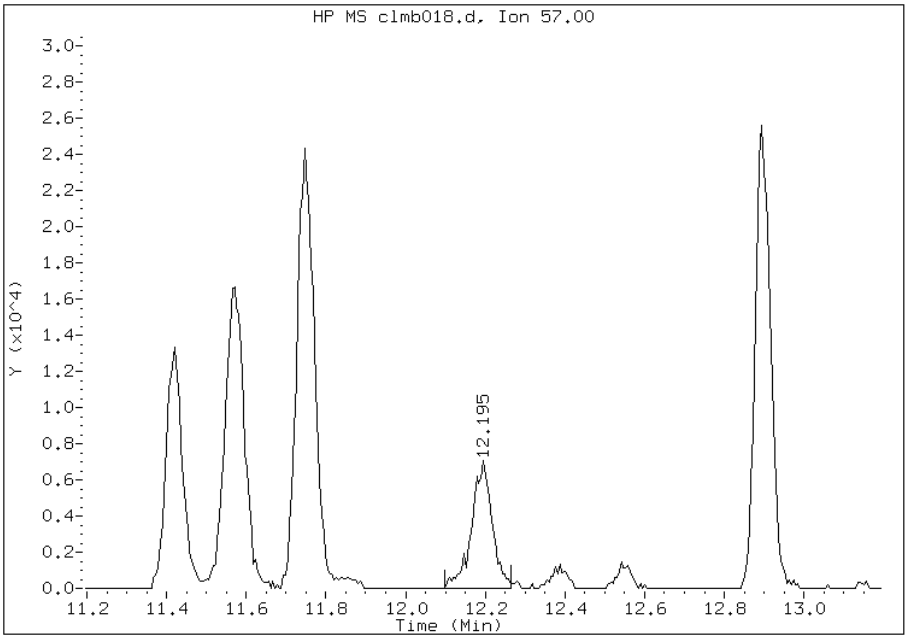
Manual Integration Results

RT: 12.19

Response: 25165

Amount: 0.362817

Conc: 1.45



File Uploaded By: lyonsb
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb018.d
Lab Sample ID: 280-39902-8
Inj. Date and Time: 01-APR-2013 23:50
Instrument ID: C.i
Client ID: 785VMP0401HA
Compound: 71 Xylene (o)
CAS #: 95-47-6
Report Date: 04/02/2013

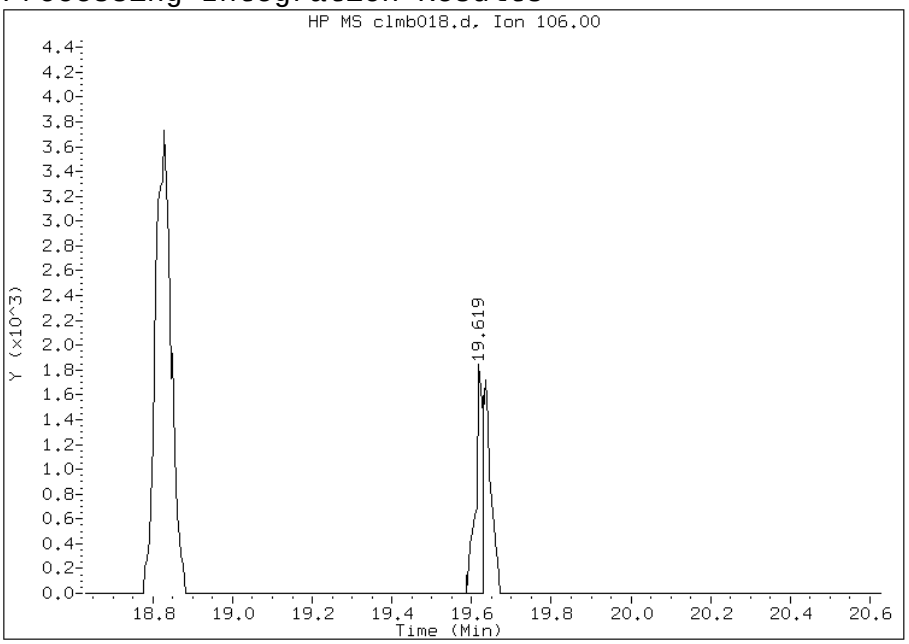
Processing Integration Results

RT: 19.62

Response: 2365

Amount: 0.073632

Conc: 0.294527



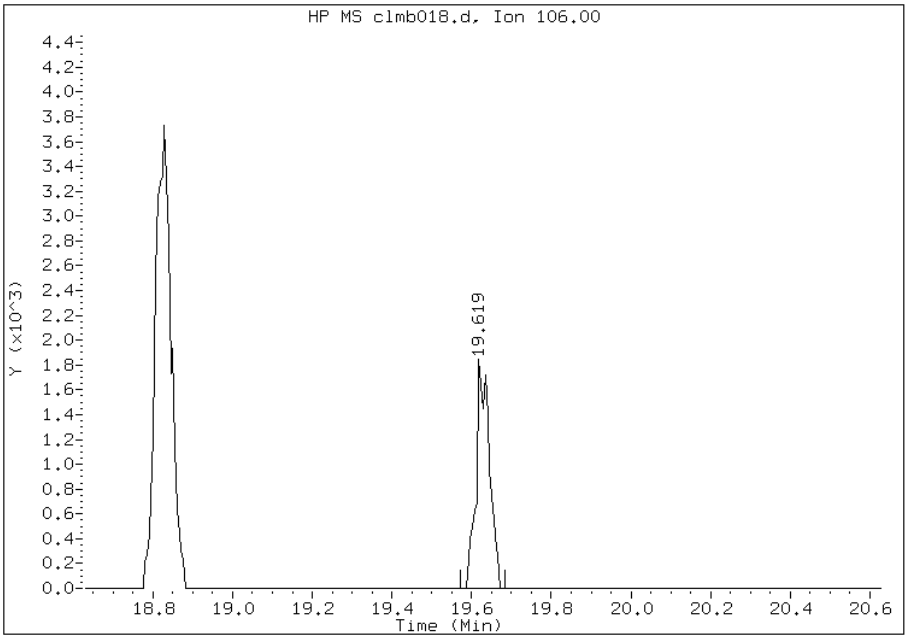
Manual Integration Results

RT: 19.62

Response: 4269

Amount: 0.132911

Conc: 0.531644



File Uploaded By: lyonsb
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA Lab Sample ID: 280-39902-9

Matrix: Air Lab File ID: clmb015.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 21:11

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.52		0.50	0.020
75-45-6	Freon 22	86.47	0.27	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.41	J	0.50	0.034
106-97-8	n-Butane	58.12	0.65		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.021
76-13-1	Freon TF	187.38	0.081	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	2.9	J	5.0	0.40
67-63-0	*Isopropyl alcohol*	*60.10*	*93*	*J*	*5.0*	*0.076*
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.17	J	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.8		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	1.3		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	2.0		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.076	J	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	1.4		0.20	0.015
71-43-2	Benzene	78.11	0.22		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA Lab Sample ID: 280-39902-9

Matrix: Air Lab File ID: clmb015.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 21:11

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.82		0.20	0.017
79-01-6	Trichloroethene	131.39	0.21		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	1.3		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.48		0.20	0.015
179601-23-1	m,p-Xylene	106.17	1.7		0.50	0.022
95-47-6	Xylene, o-	106.17	0.56		0.20	0.016
1330-20-7	Xylene (total)	106.17	2.3		0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.069	J	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.064	J	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.14	J	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	2.9		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA Lab Sample ID: 280-39902-9

Matrix: Air Lab File ID: clmb015.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 21:11

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA Lab Sample ID: 280-39902-9

Matrix: Air Lab File ID: clmb015.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 21:11

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.099
75-45-6	Freon 22	86.47	0.95	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.85	J	1.0	0.070
106-97-8	n-Butane	58.12	1.5		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	0.62	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	6.8	J	12	0.95
67-63-0	*Isopropyl alcohol*	*60.10*	*230*	*J*	*12*	*0.19*
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.60	J	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	9.9		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	3.9		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	6.7		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.48	J	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	6.5		0.93	0.070
71-43-2	Benzene	78.11	0.69		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA Lab Sample ID: 280-39902-9

Matrix: Air Lab File ID: clmb015.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 21:11

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	3.4		0.82	0.070
79-01-6	Trichloroethene	131.39	1.1		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	4.9		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	2.1		0.87	0.065
179601-23-1	m,p-Xylene	106.17	7.5		2.2	0.096
95-47-6	Xylene, o-	106.17	2.4		0.87	0.069
1330-20-7	Xylene (total)	106.17	10		0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.34	J	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.31	J	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.71	J	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	17		1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA Lab Sample ID: 280-39902-9

Matrix: Air Lab File ID: clmb015.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 21:11

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-9
Client Smp ID: 785VMP0501FA
Inj Date : 01-APR-2013 21:11
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-9
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	37014	0.52104	0.52
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	8545	0.26952	0.27(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.142	4.136	(0.374)	5508	0.41322	0.41(a)
6 Butane	43	4.382	4.376	(0.396)	13471	0.64528	0.65
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	15986	0.25134	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.136	7.125	(0.645)	2978	0.08079	0.081(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.333	7.333	(0.662)	47259	2.86071	2.9(aQ)
21 Carbon disulfide	76	Compound Not Detected.					

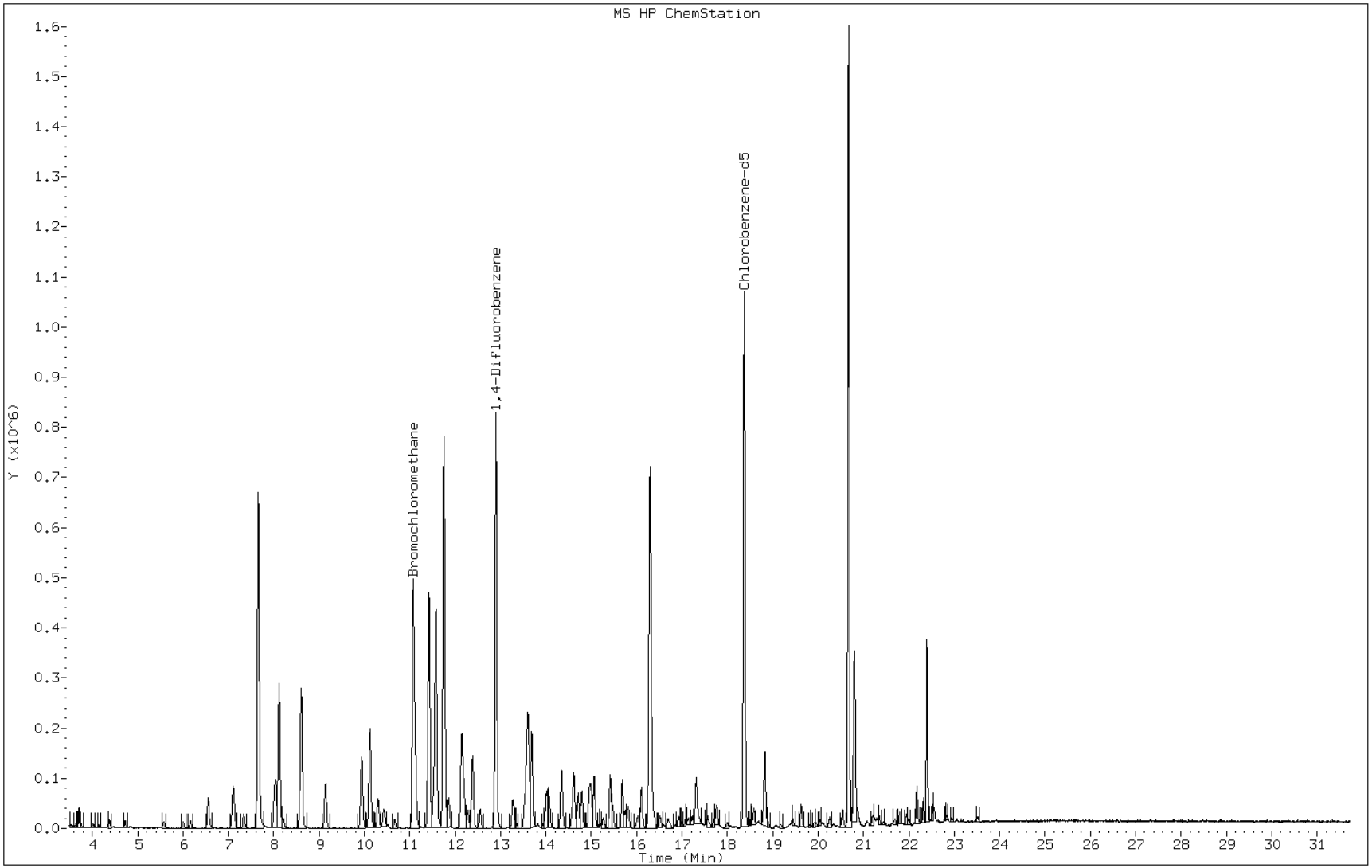
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
22	Isopropanol	45	7.659	7.658	(0.692)	1210423	92.6357	93(A)
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	8.208	8.208	(0.742)	2756	0.17190	0.17(aQ)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.142	9.142	(0.826)	65422	2.79593	2.8
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	10.674	10.668	(0.964)	9030	1.30739	1.3
* 37	Bromochloromethane	128	11.069	11.069	(1.000)	180980	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	11.517	11.522	(0.893)	48857	1.95927	2.0(Q)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	11.763	11.763	(0.912)	4382	0.07648	0.076(a)
43	2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	100542	1.39779	1.4(Q)
44	Benzene	78	12.152	12.152	(0.942)	11875	0.21700	0.22
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	12.547	12.552	(0.973)	18296	0.81746	0.82(Q)
* 47	1,4-Difluorobenzene	114	12.899	12.905	(1.000)	983540	10.0000	
49	Trichloroethene	95	13.337	13.342	(1.034)	6036	0.20668	0.21
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
58	Toluene	92	15.680	15.685	(0.854)	57012	1.30228	1.3
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	18.370	18.375	(1.000)	971255	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	18.589	18.594	(1.012)	45002	0.47800	0.48
69	Xylene (m,p)	106	18.829	18.834	(1.025)	61192	1.73587	1.7
M 70	Xylenes, Total	106				80662	2.29706	2.3
71	Xylene (o)	106	19.635	19.629	(1.069)	19470	0.56119	0.56
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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	21.246	21.246	(1.157)	7043	0.06871	0.069(a)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	5854	0.06390	0.064(aQ)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	12896	0.14428	0.14(aQ)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	180463	2.85894	2.9(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb015.d	Date:	01-APR-2013 21:11
Client ID:	785VMP0501FA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-9		
Lab Sample ID:	280-39902-9		



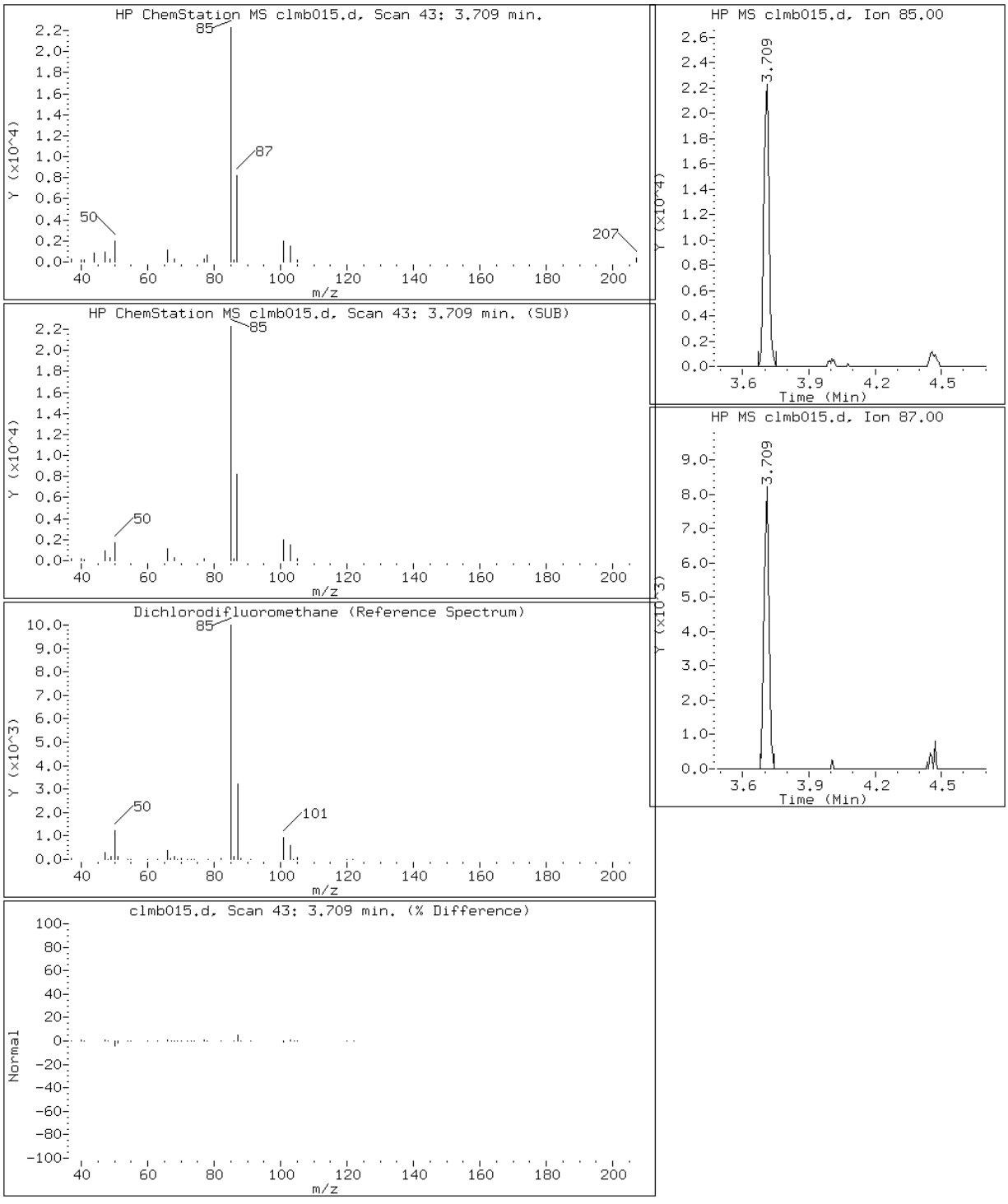
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

2 Dichlorodifluoromethane



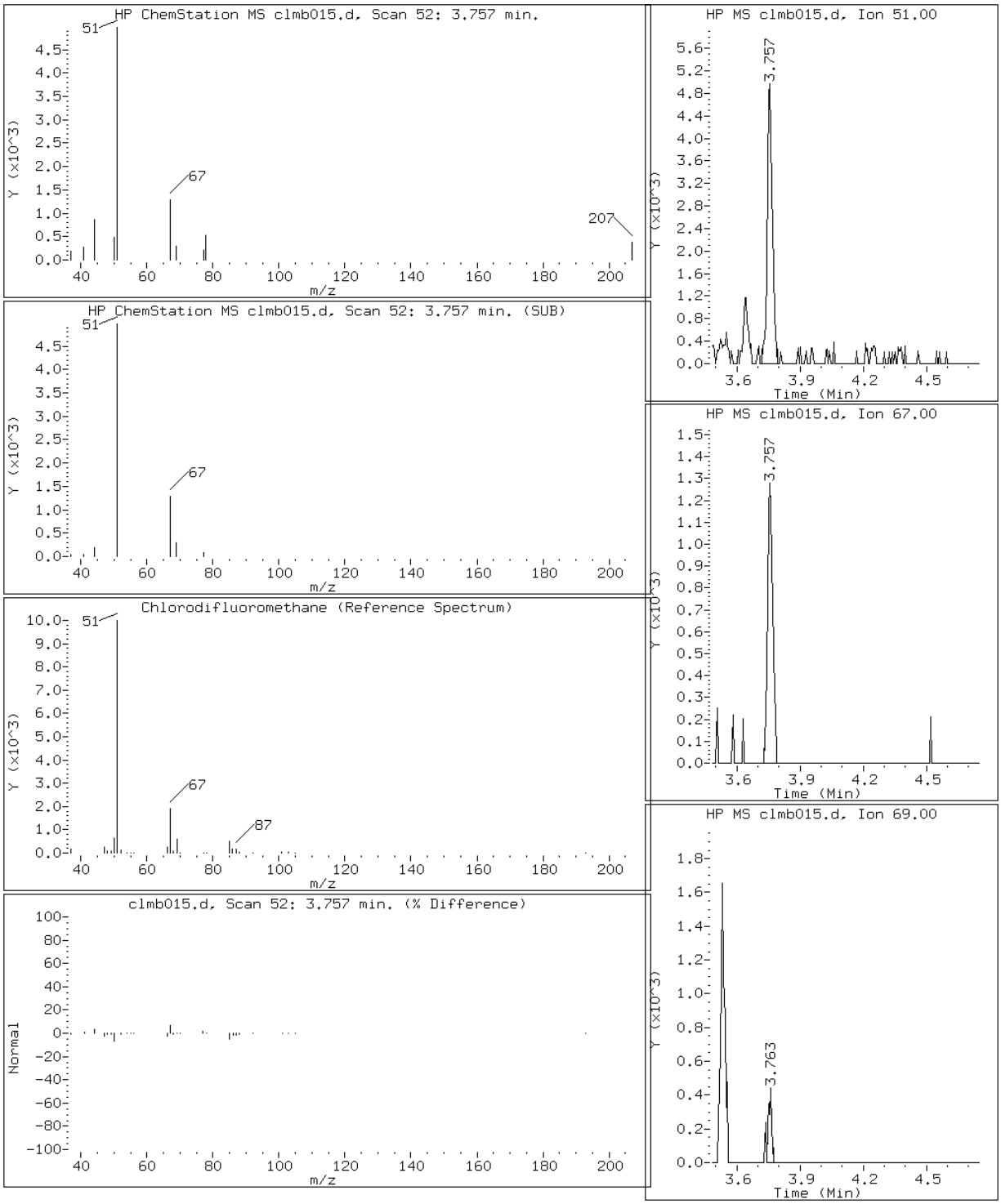
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

3 Chlorodifluoromethane



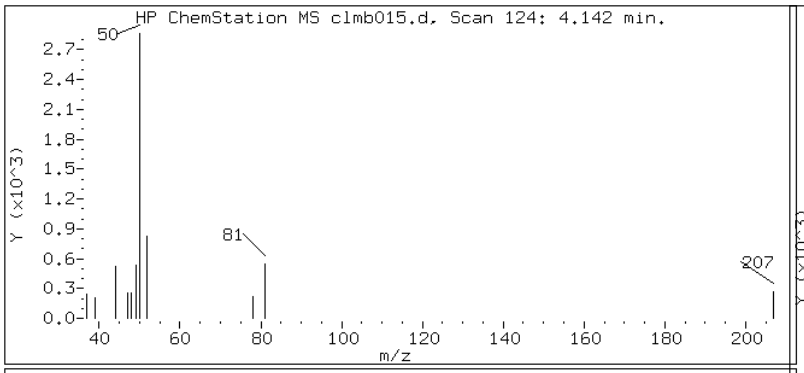
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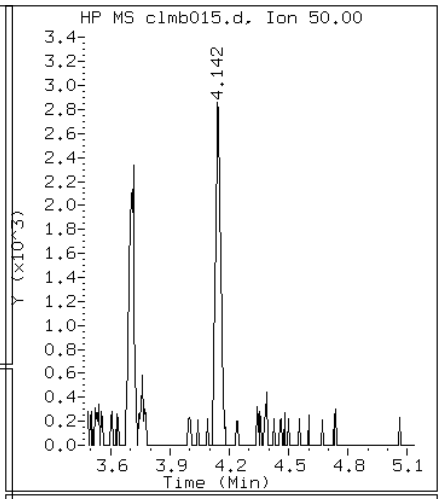
Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

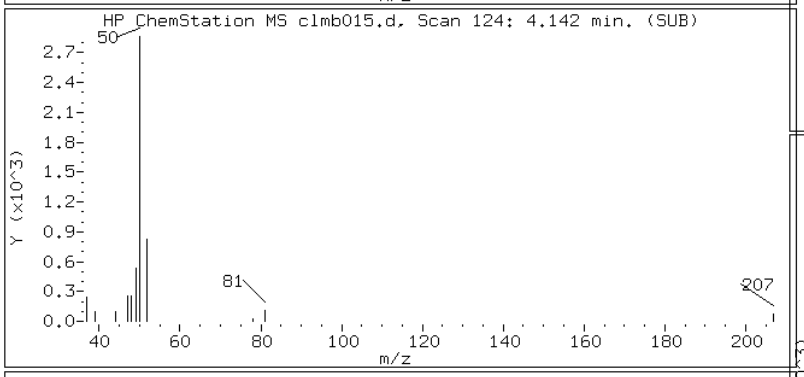
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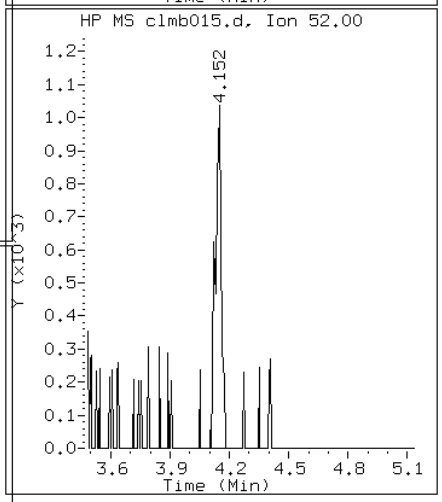
Sample Info: 280-39902-A-9 Operator: wrd

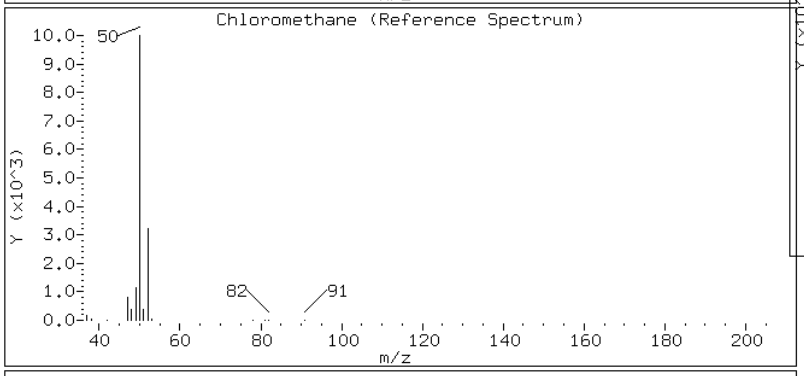
5 Chloromethane

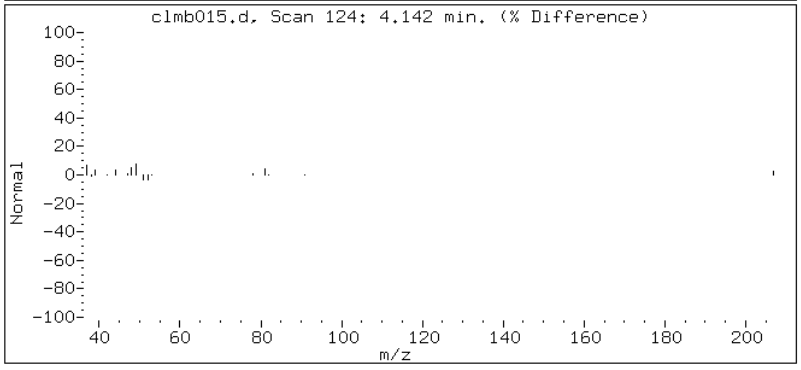












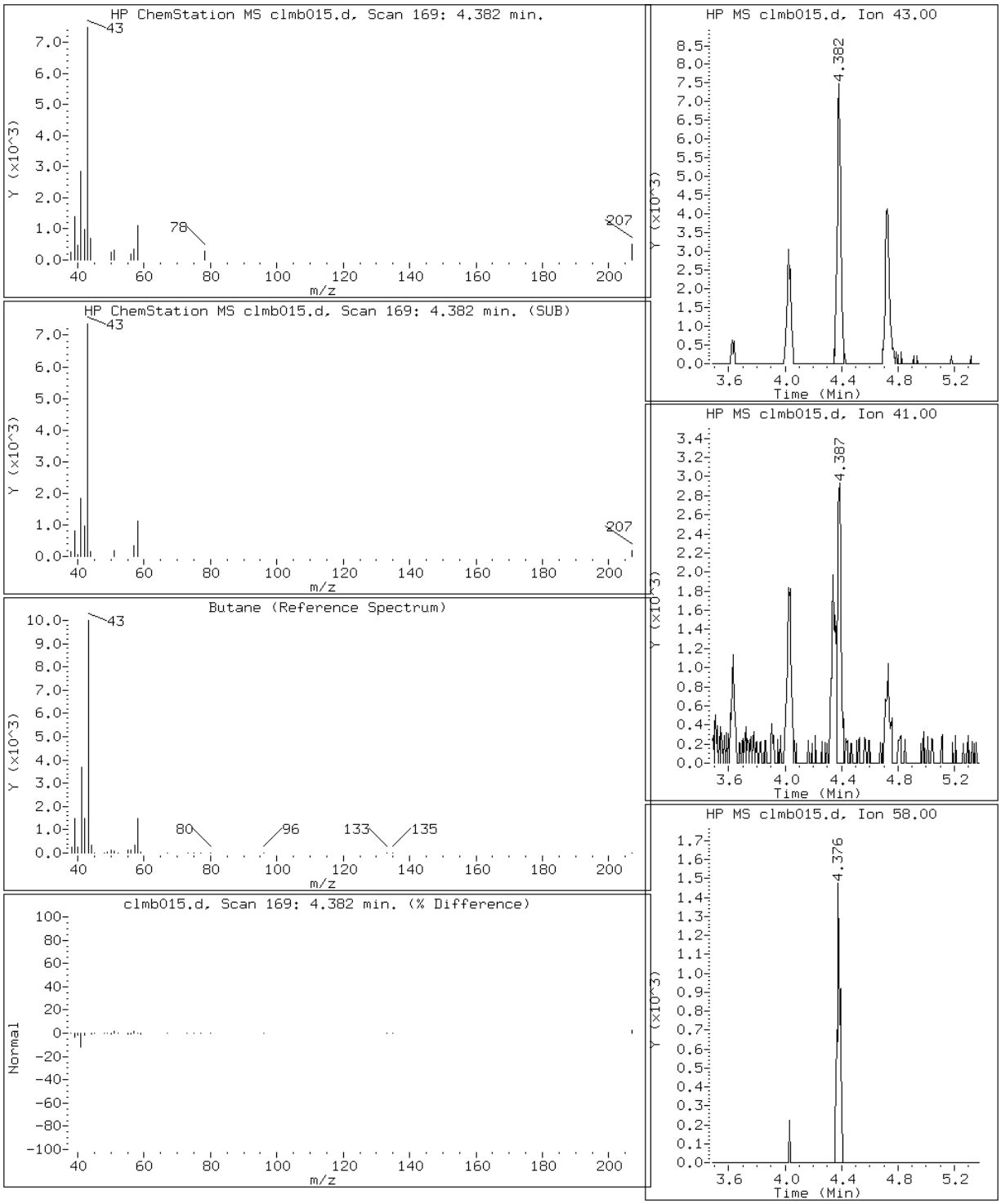
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

6 Butane



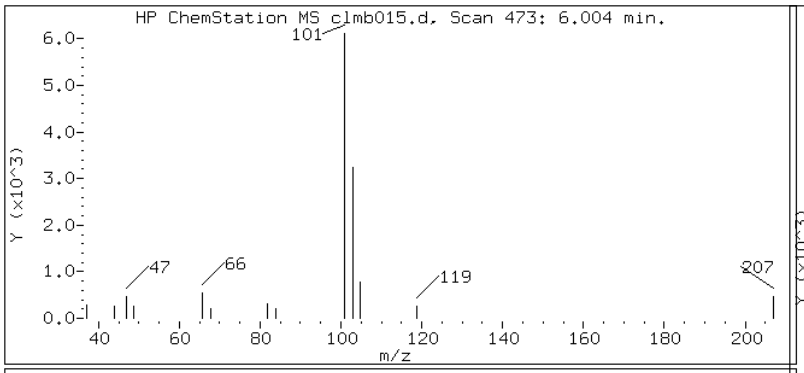
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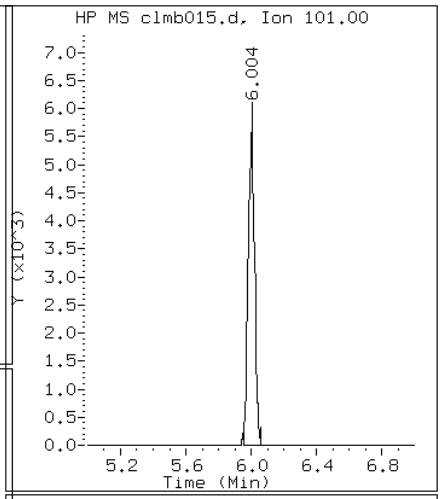
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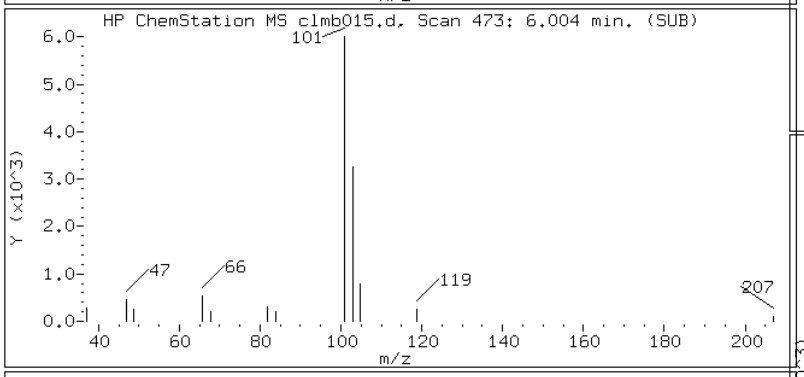
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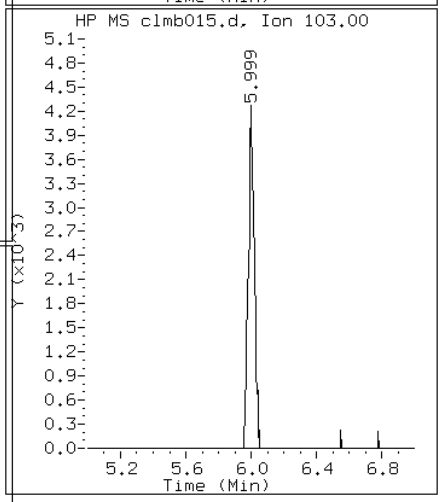
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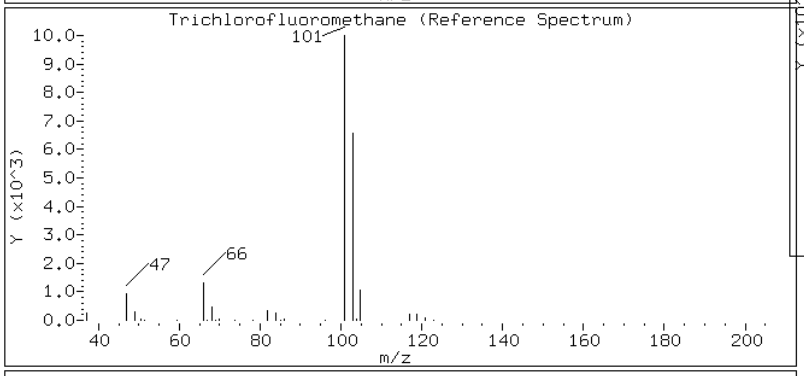
13 Trichlorofluoromethane

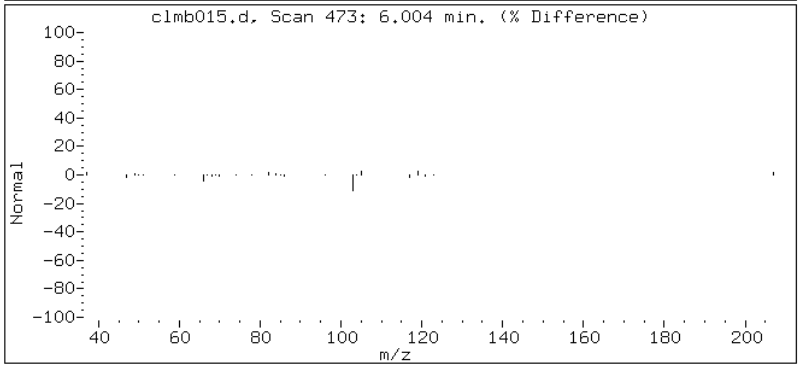












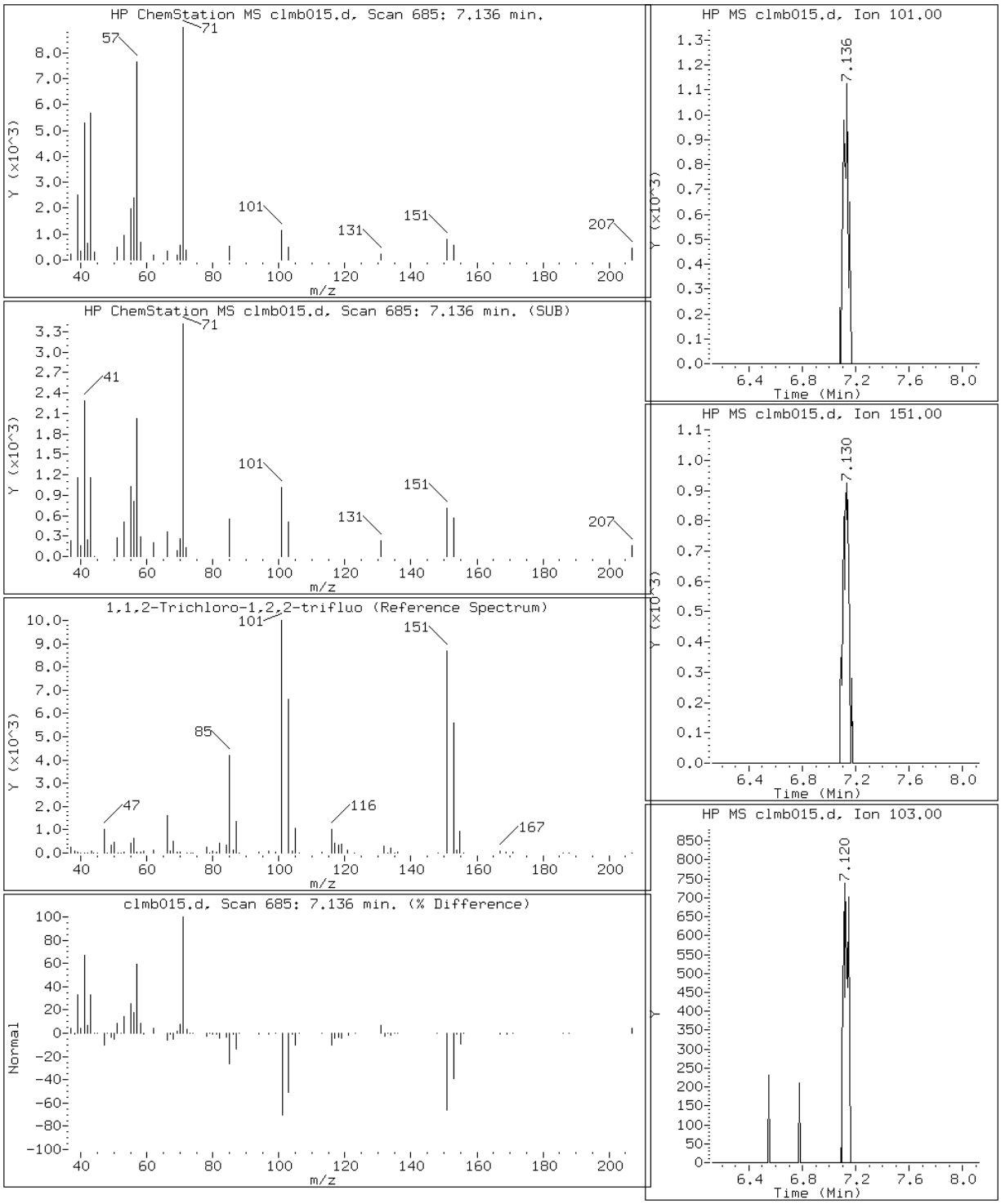
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



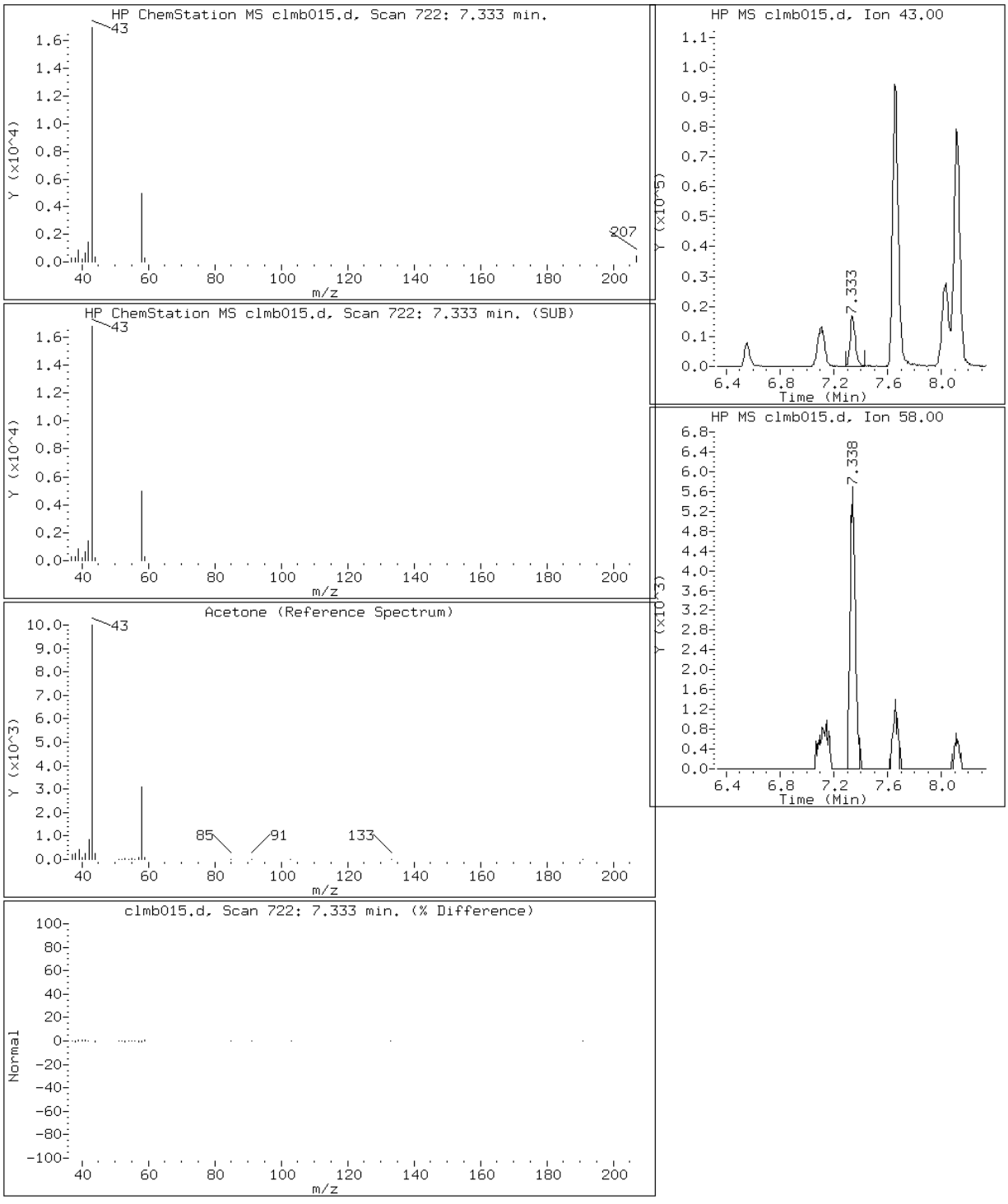
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

20 Acetone



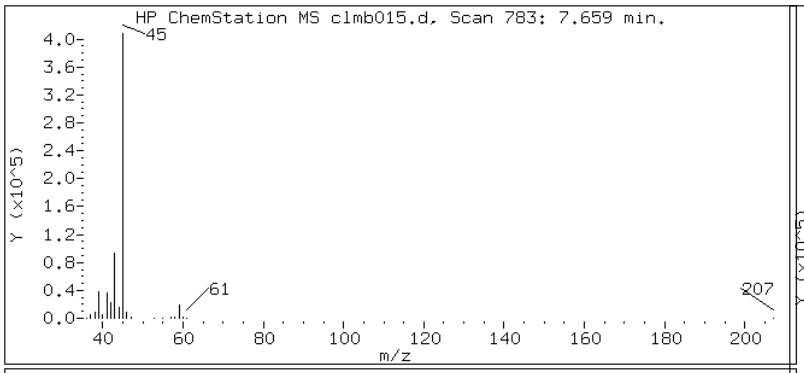
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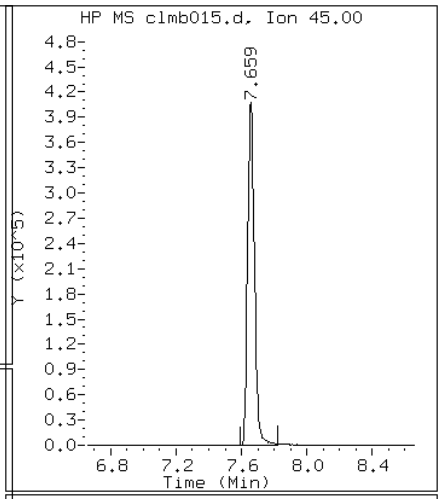
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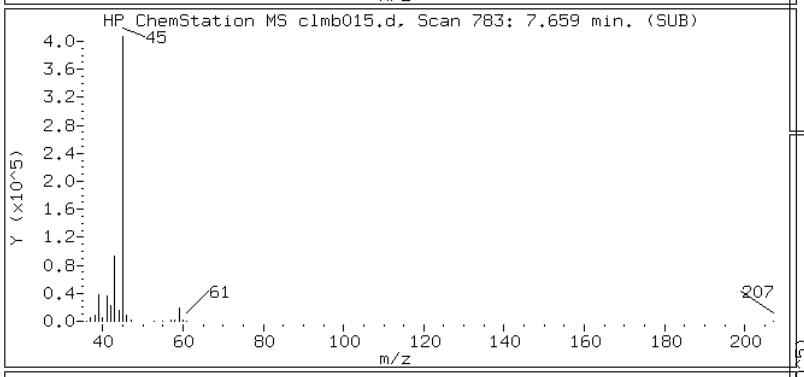
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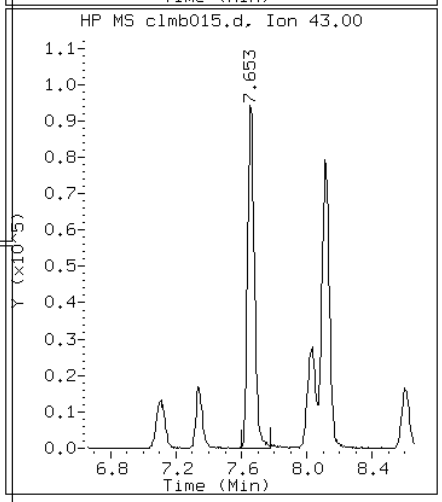
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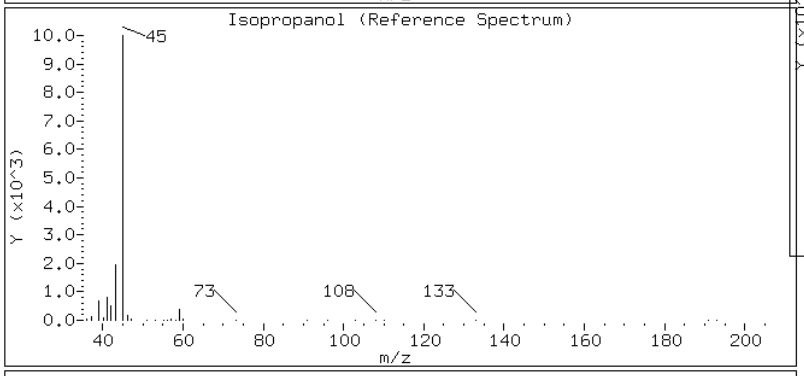
22 Isopropanol

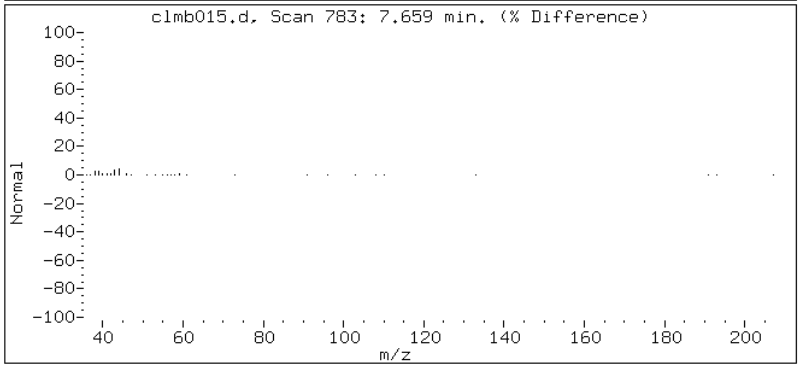












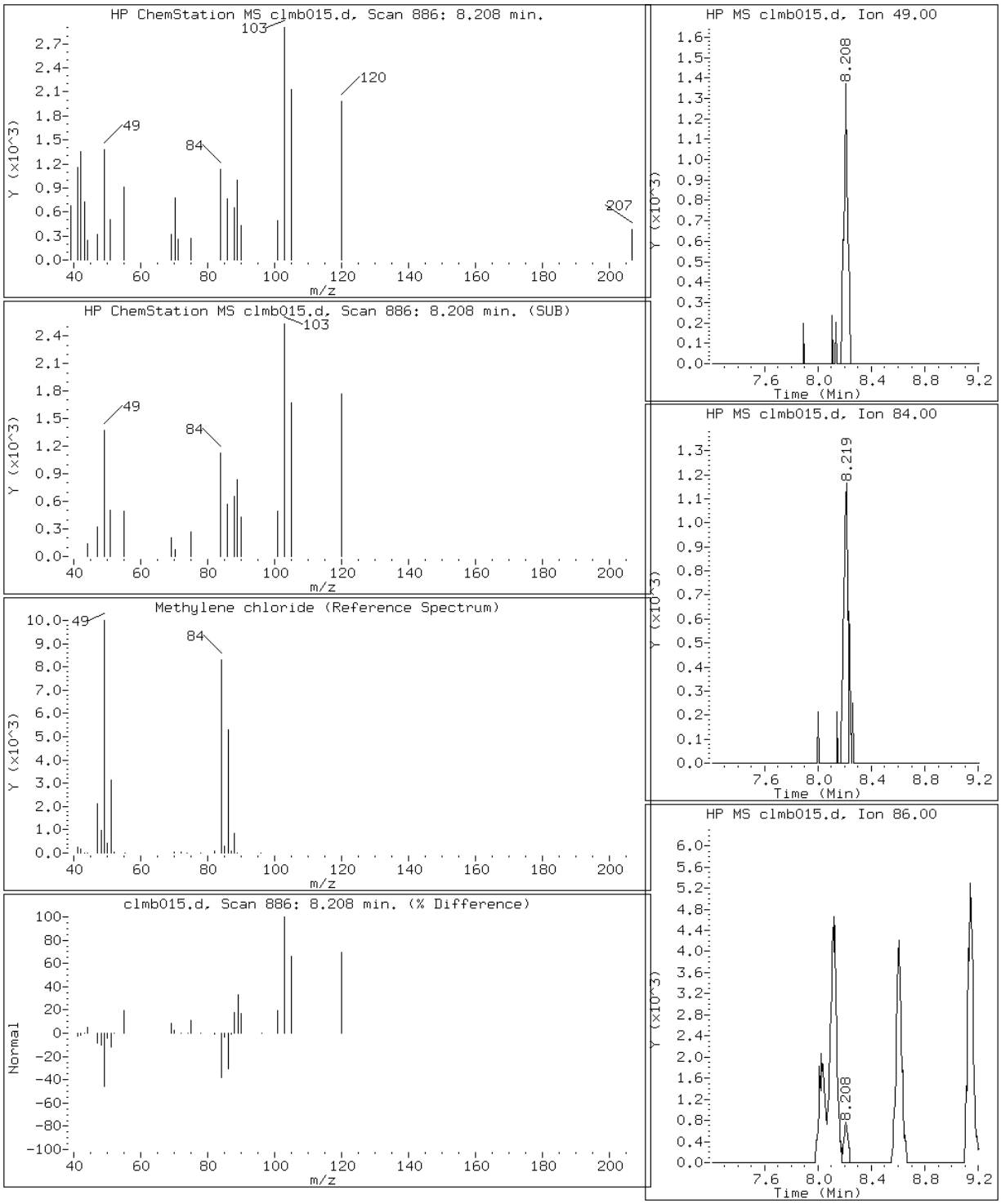
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

25 Methylene chloride



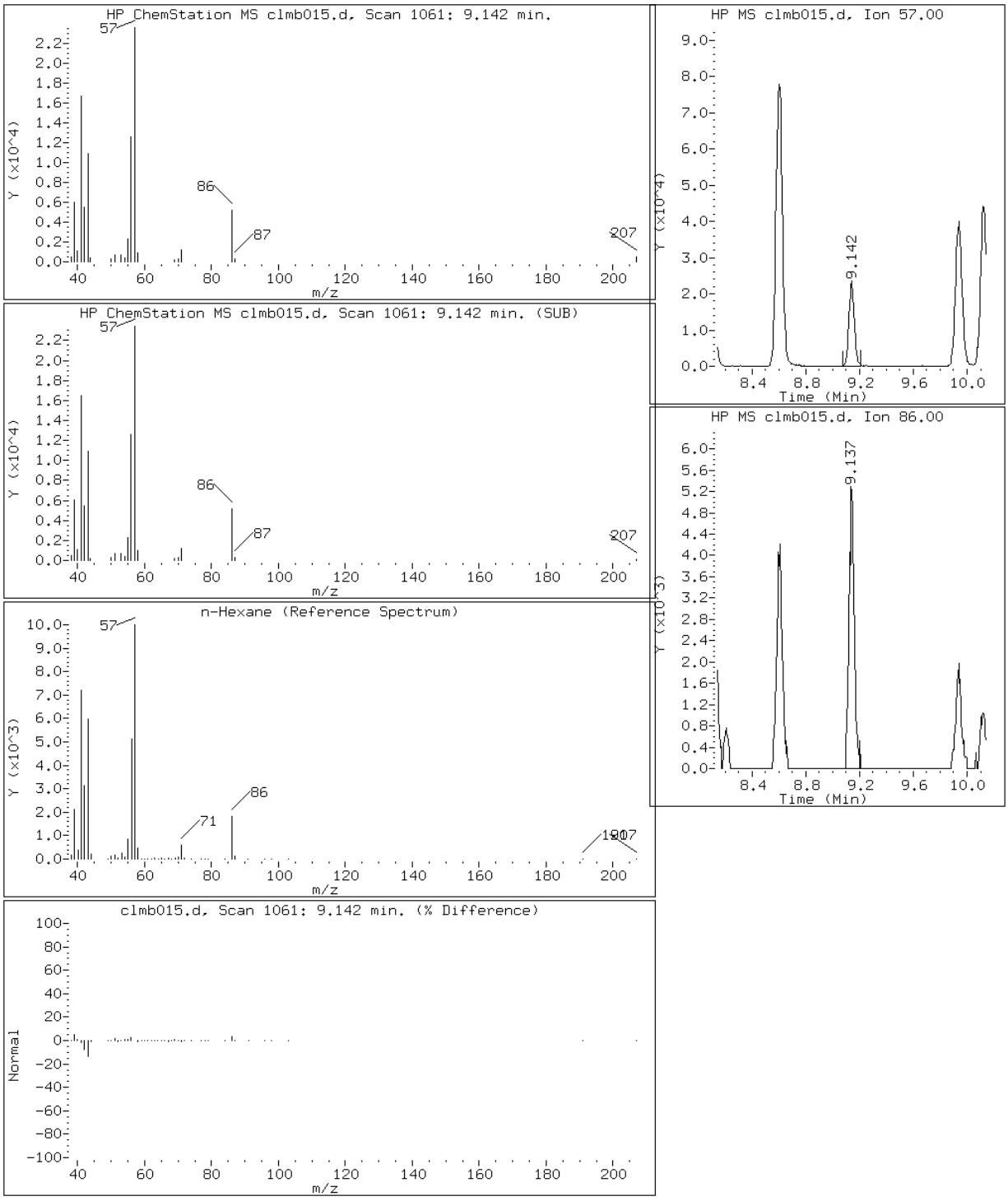
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

30 n-Hexane



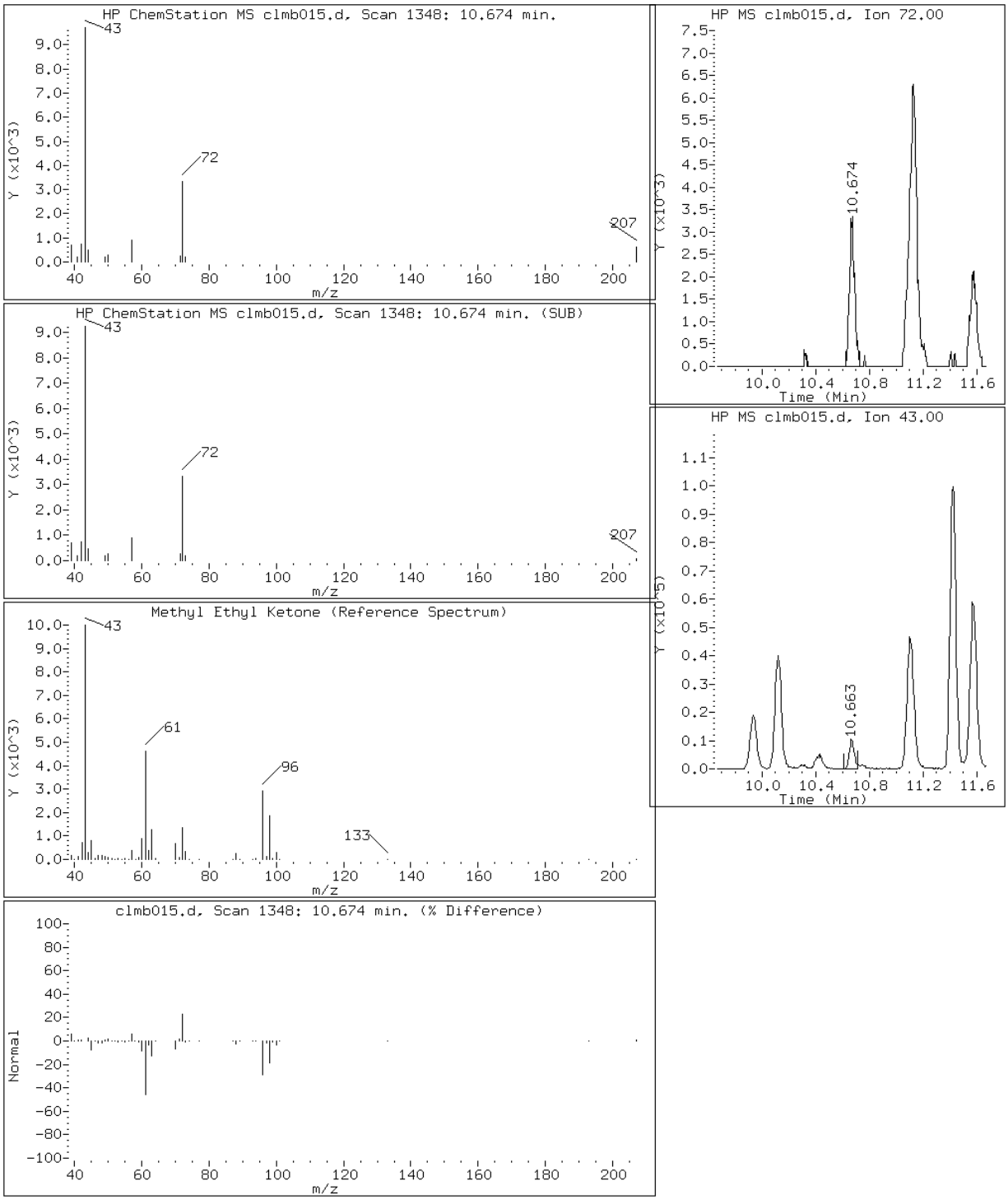
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

36 Methyl Ethyl Ketone



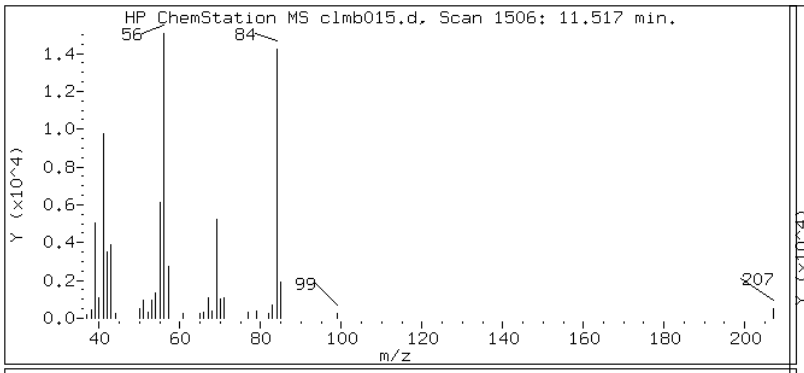
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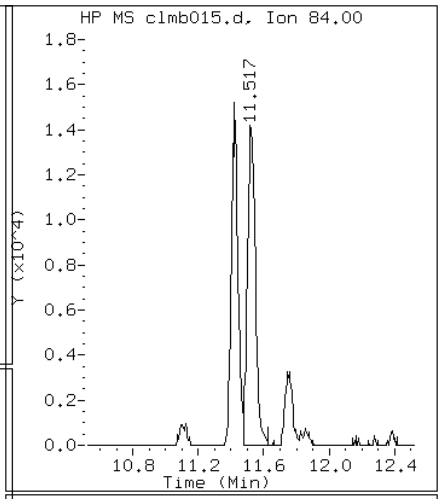
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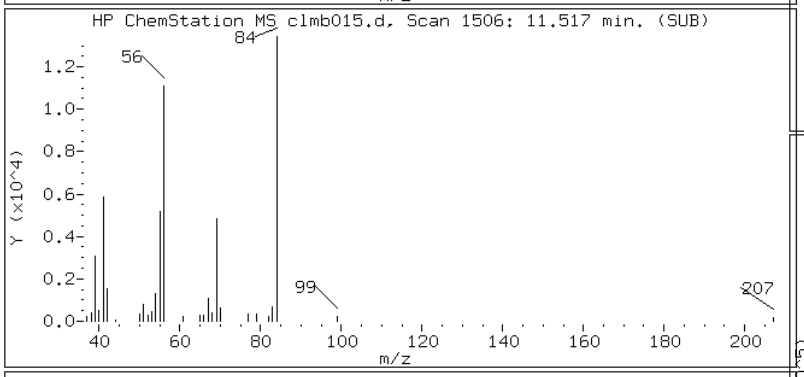
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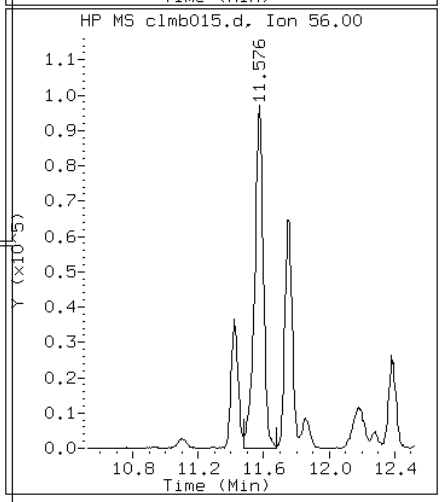
Sample Info: 280-39902-A-9 Operator: wrd

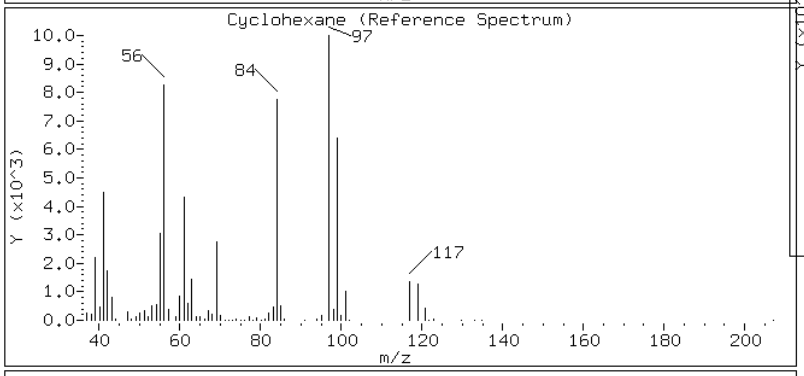
40 Cyclohexane

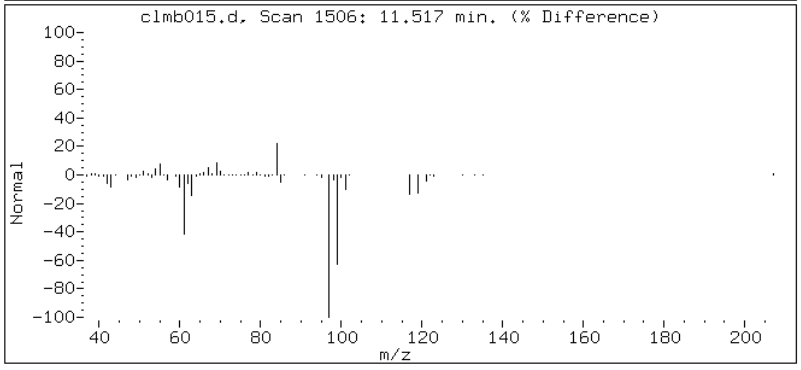












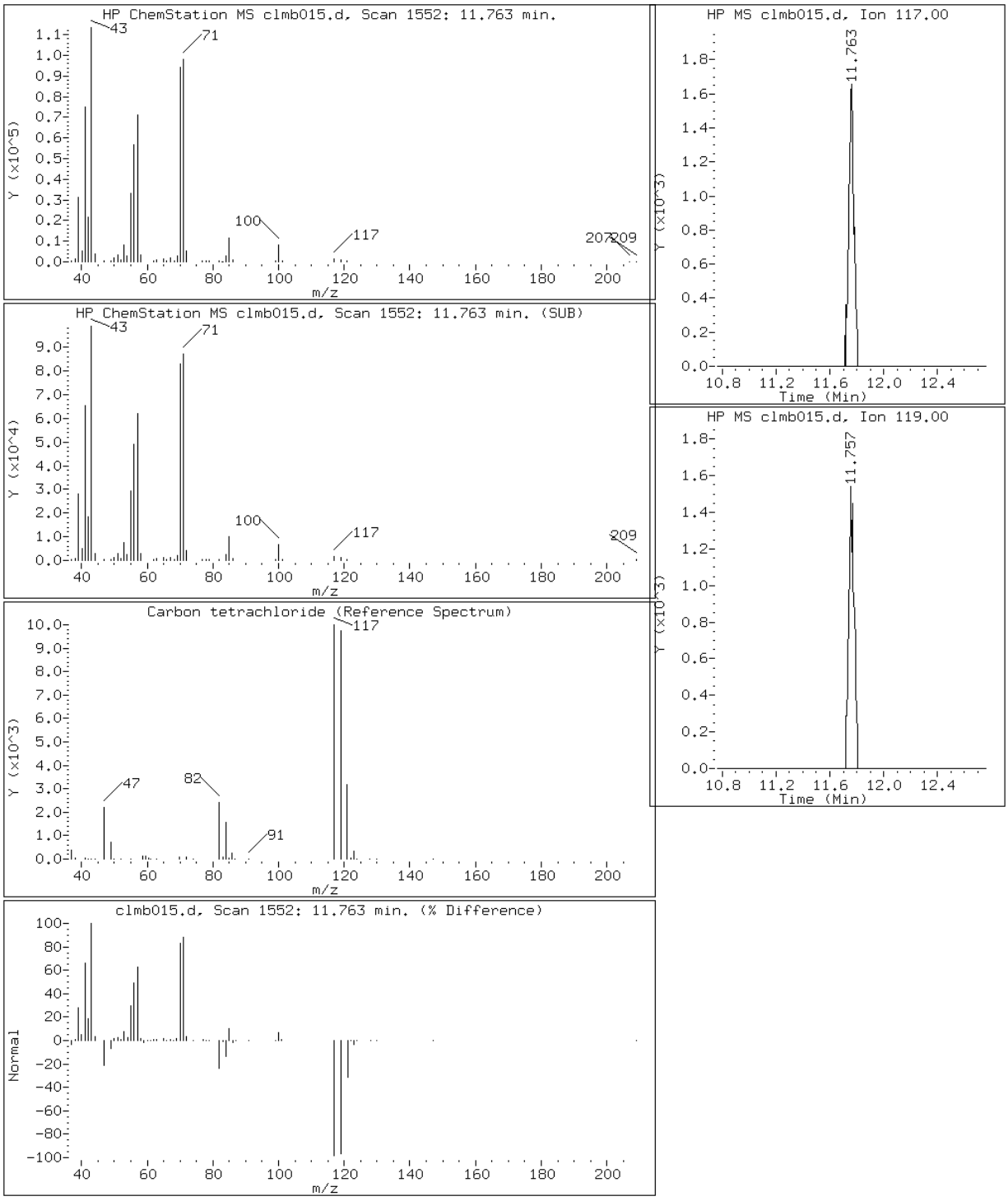
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

42 Carbon tetrachloride



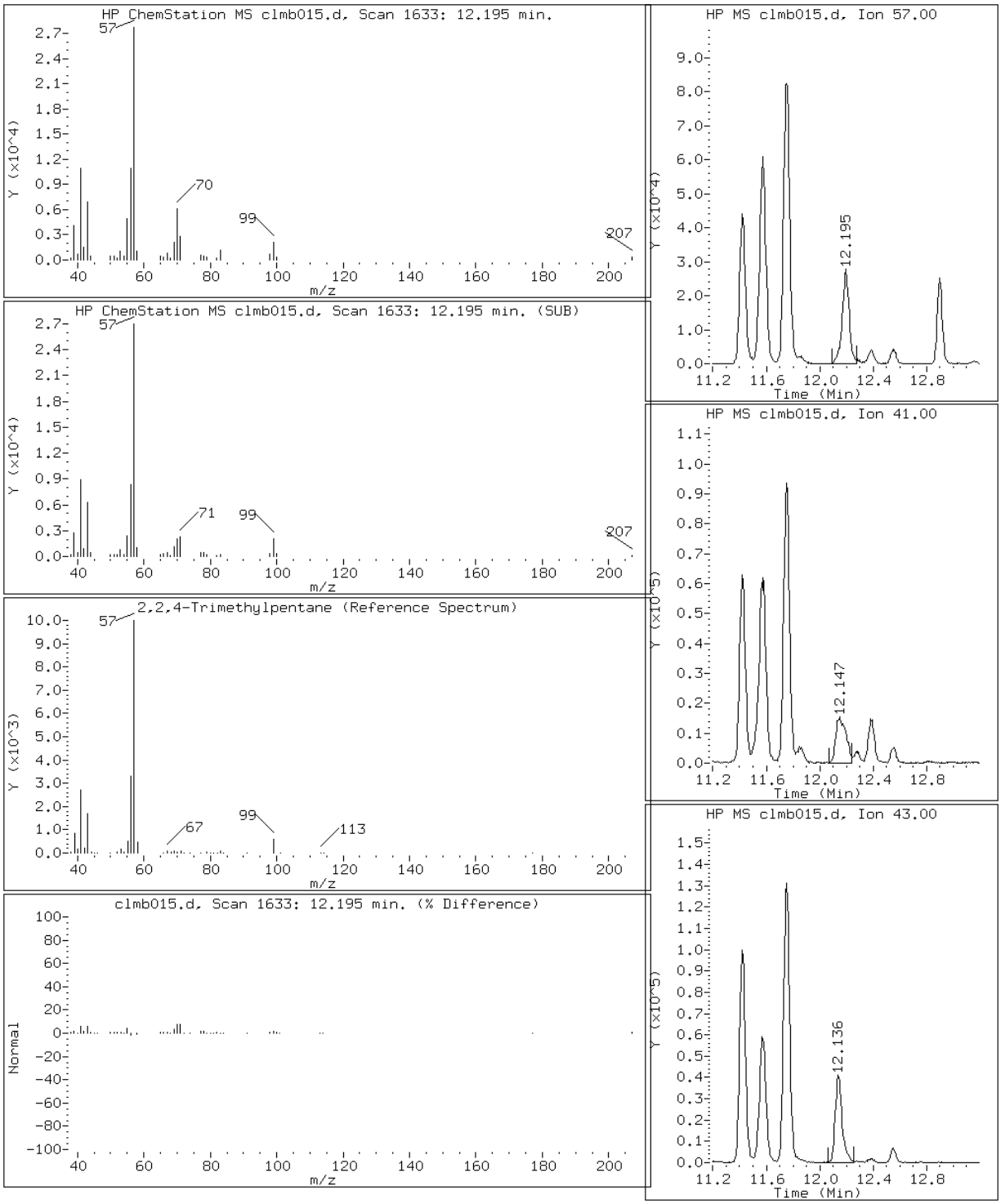
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

43 2,2,4-Trimethylpentane



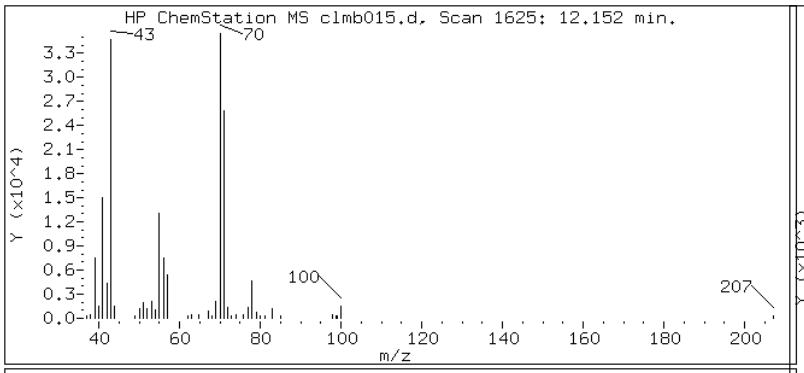
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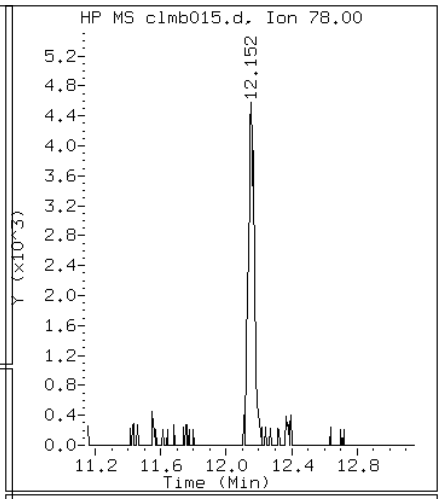
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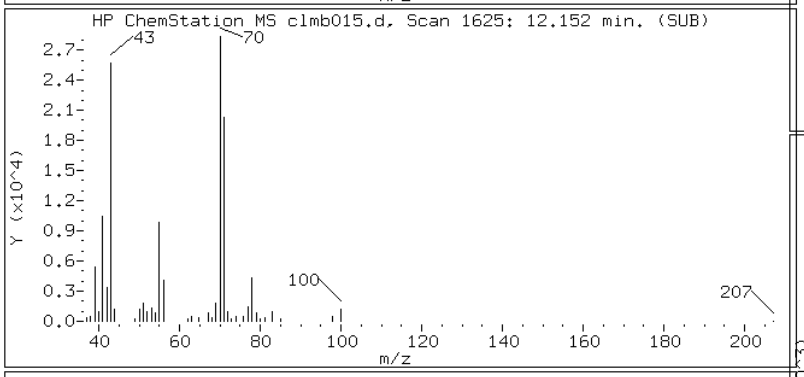
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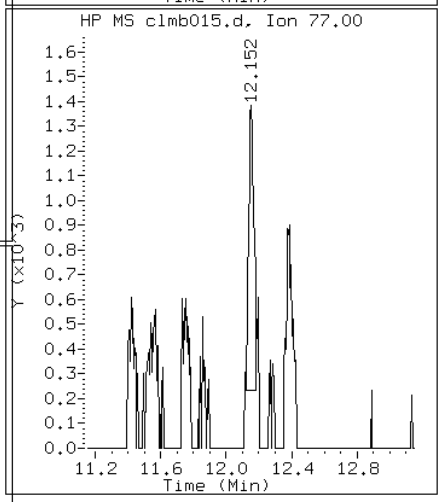
Sample Info: 280-39902-A-9 Operator: wrd

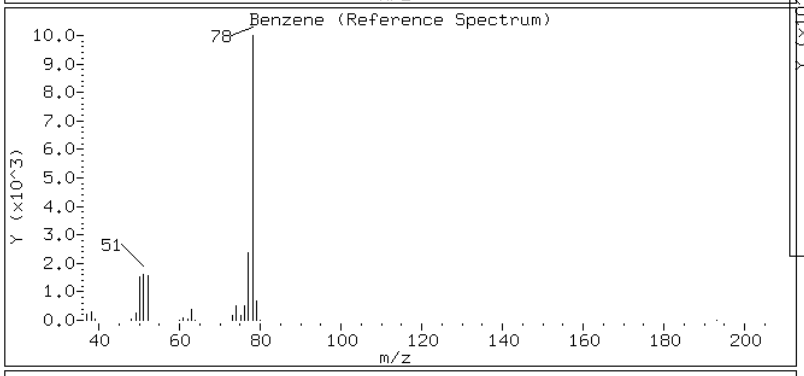
44 Benzene

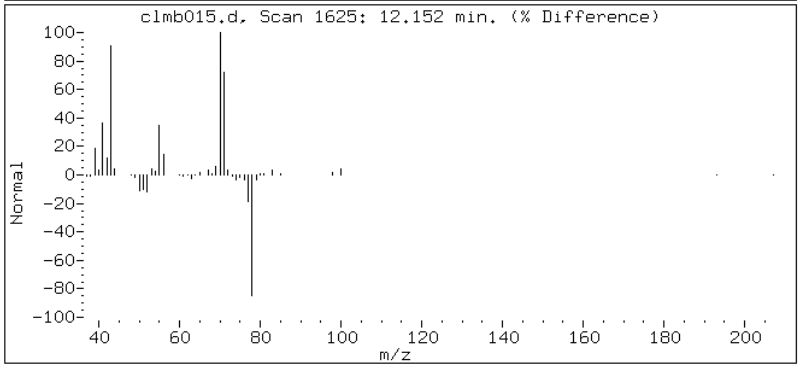












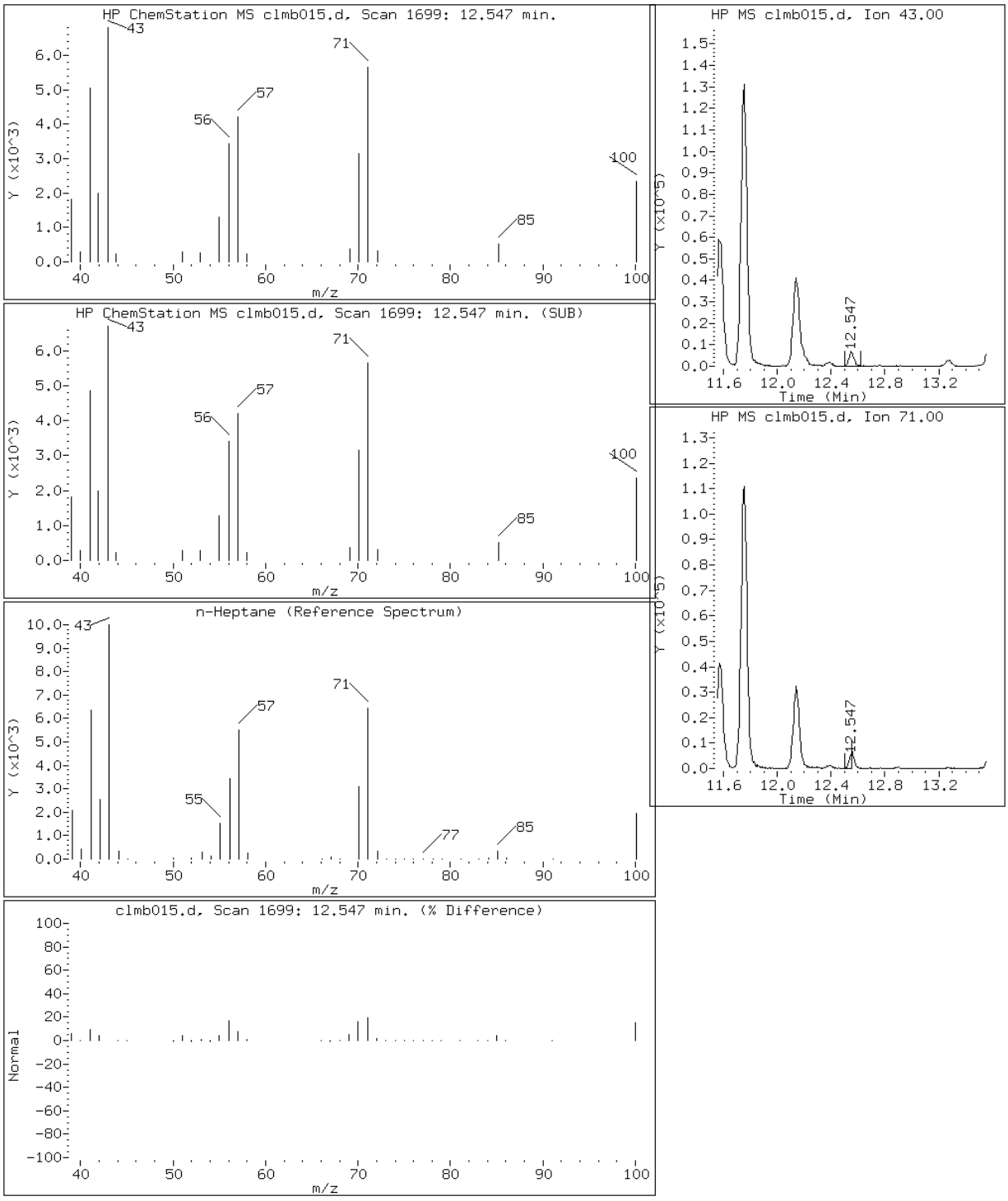
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

46 n-Heptane



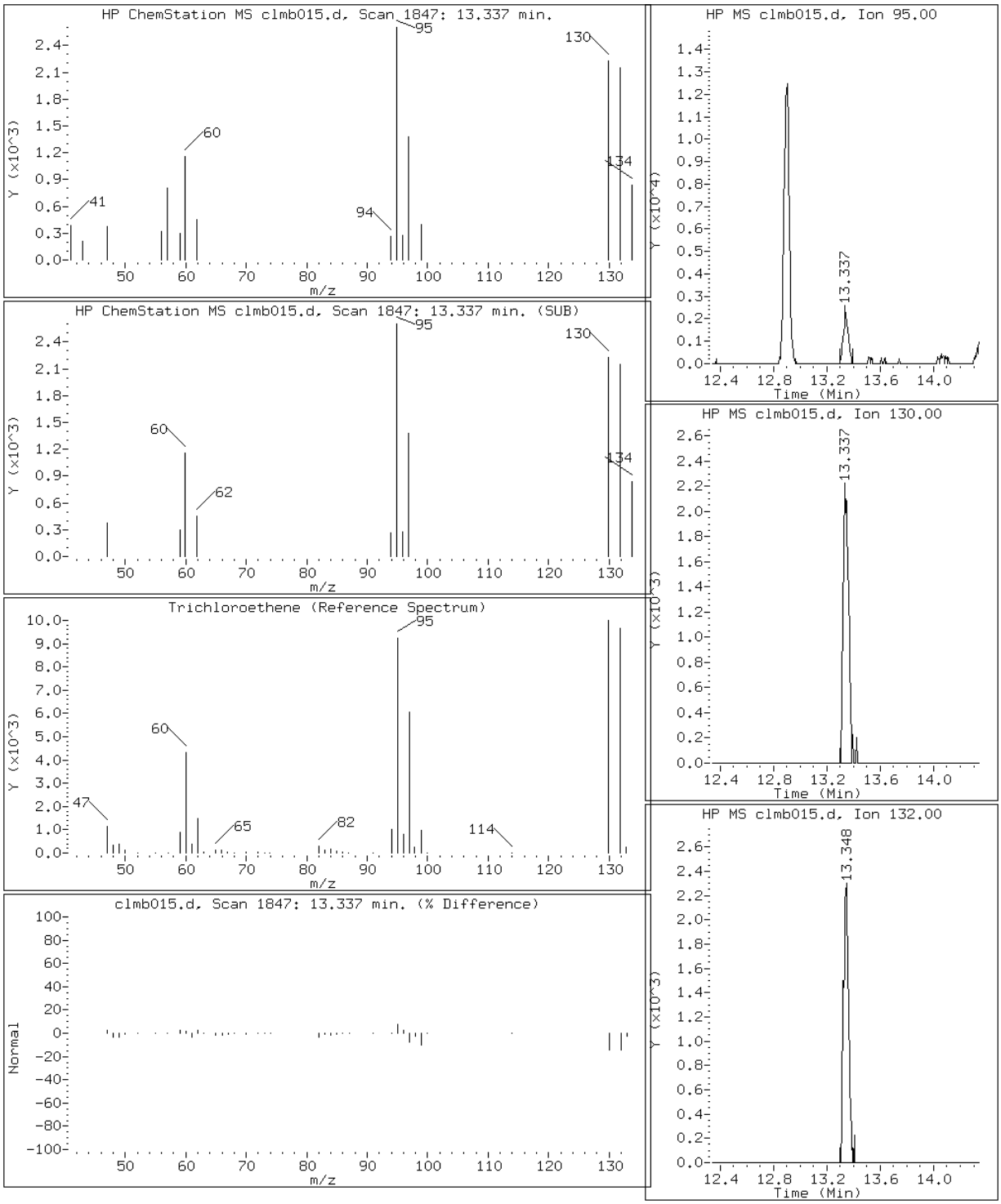
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Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

49 Trichloroethene



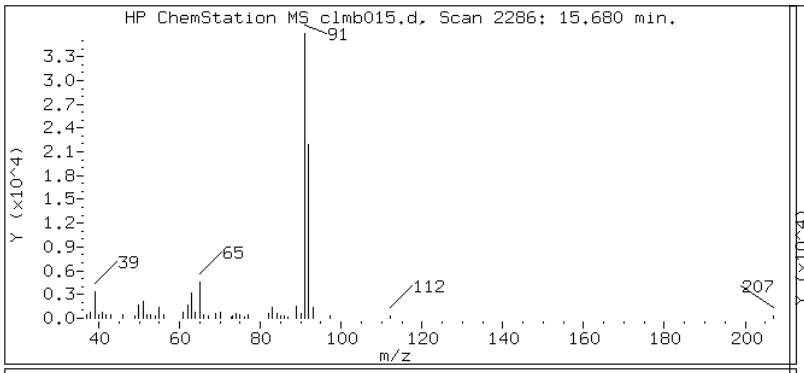
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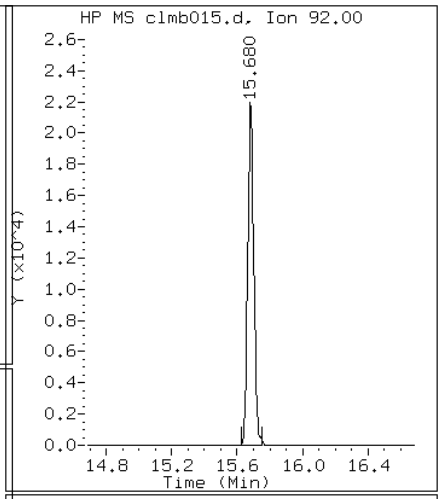
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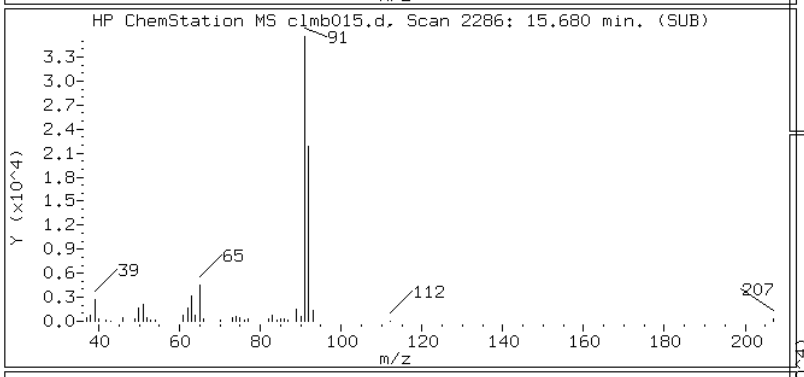
Client ID: 785VMP0501FA Instrument: C.i

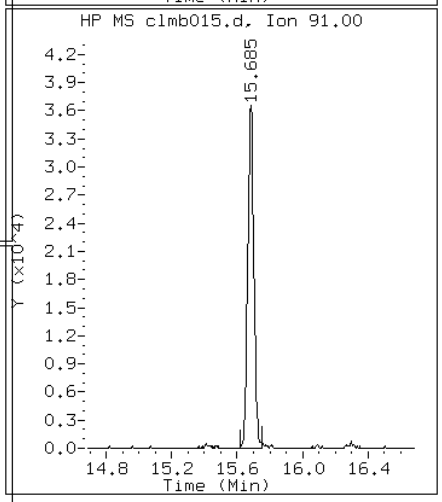
Sample Info: 280-39902-A-9 Operator: wrd

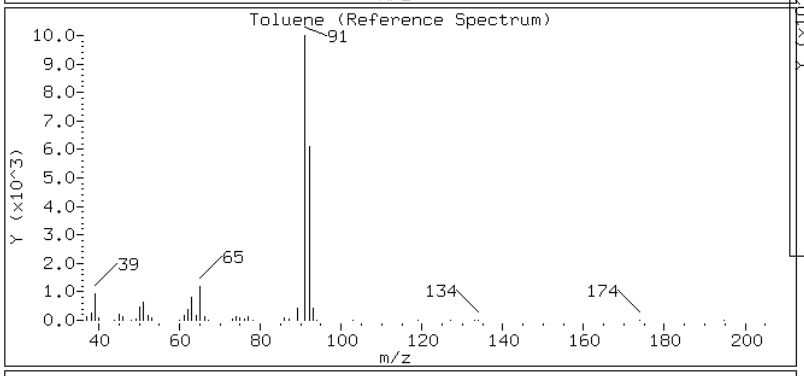
58 Toluene

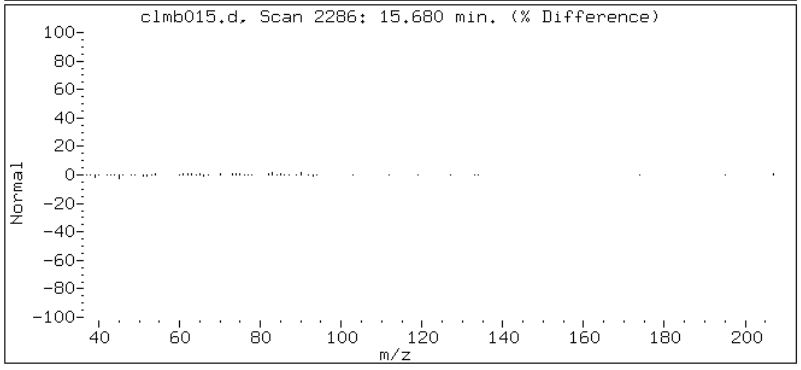












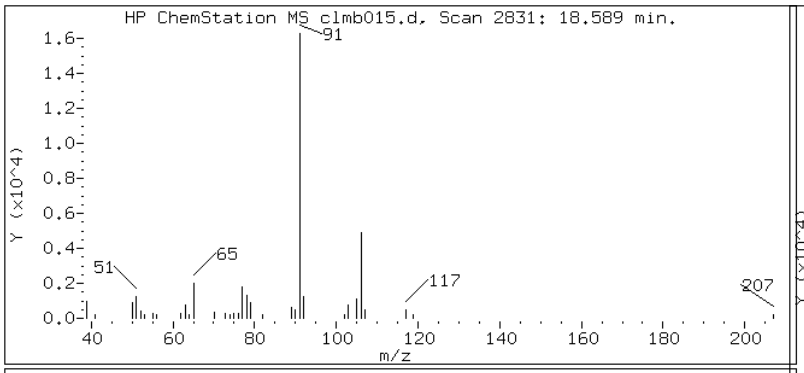
Data File: clmb015.d

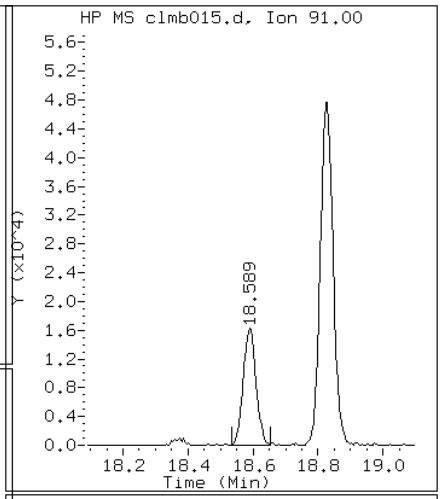
Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

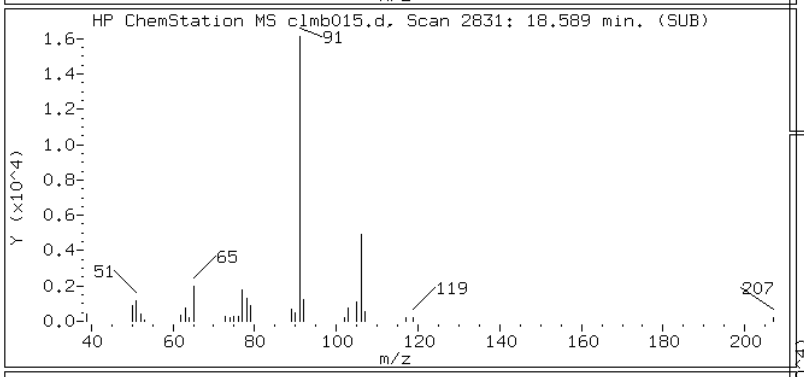
Client ID: 785VMP0501FA Instrument: C.i

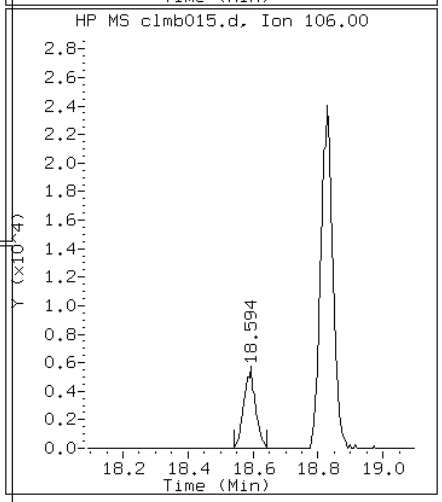
Sample Info: 280-39902-A-9 Operator: wrd

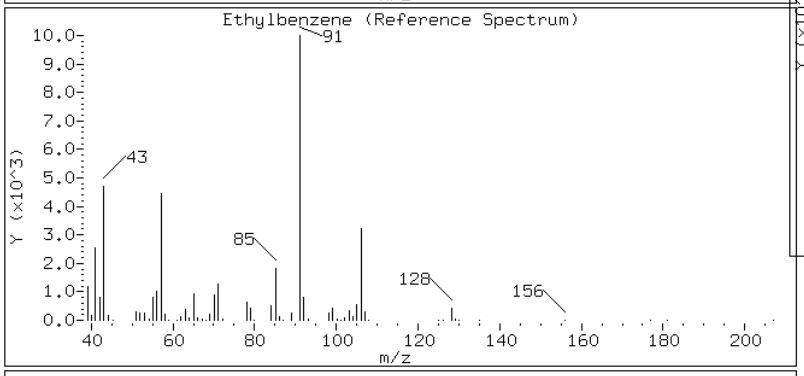
68 Ethylbenzene

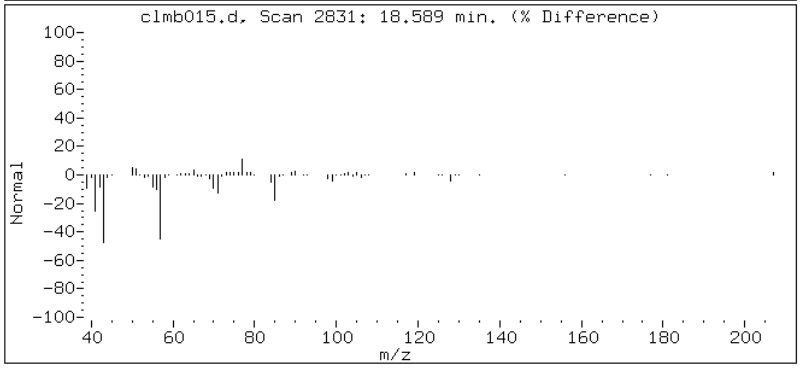












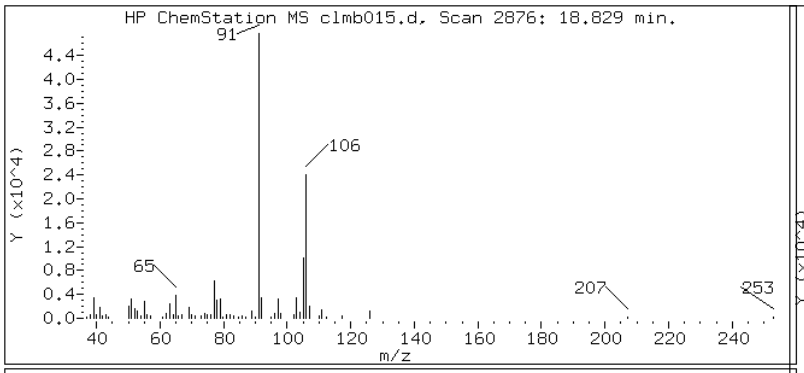
Data File: clmb015.d

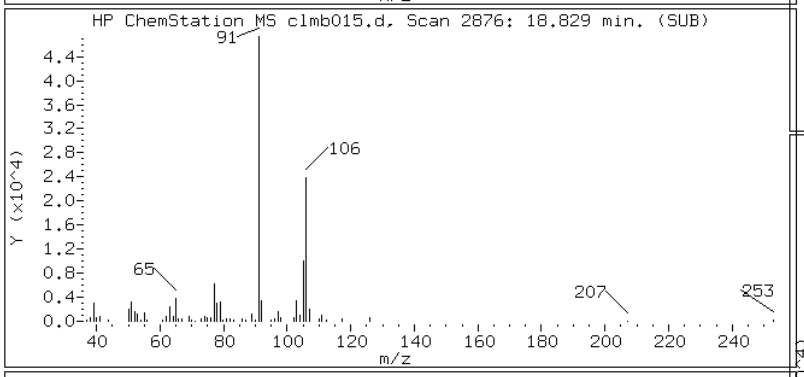
Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

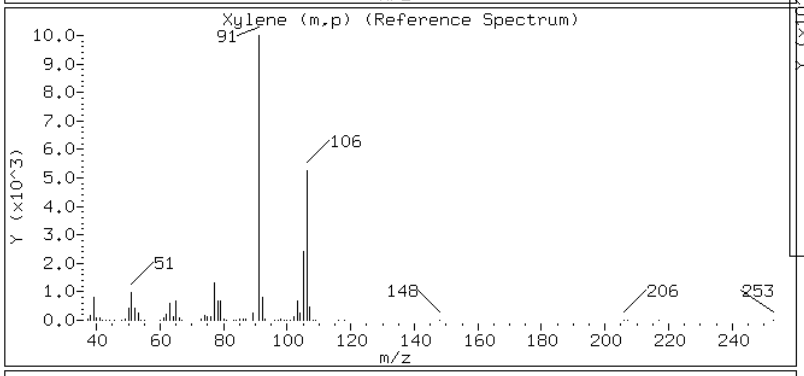
Client ID: 785VMP0501FA Instrument: C.i

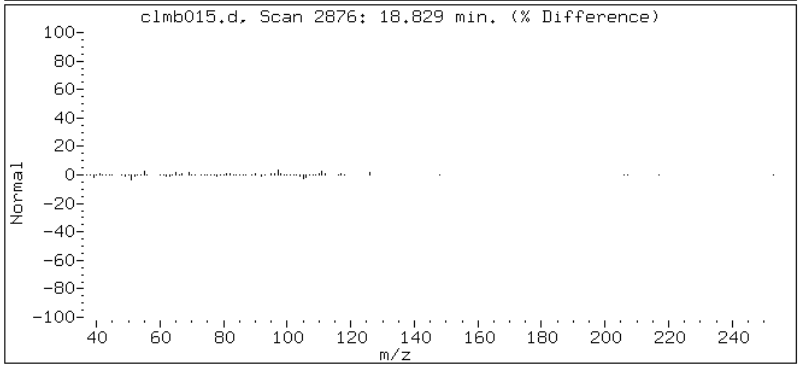
Sample Info: 280-39902-A-9 Operator: wrd

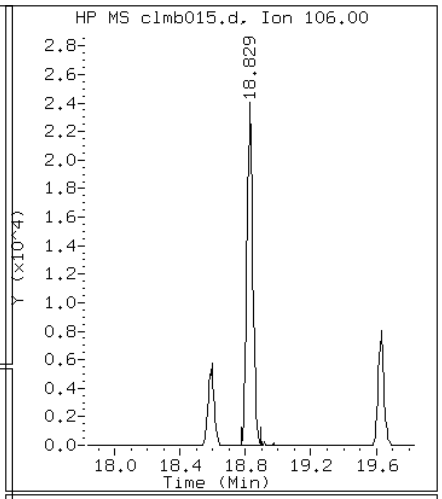
69 Xylene (m,p)

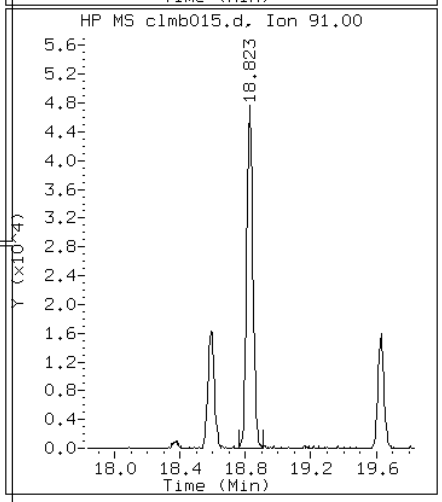












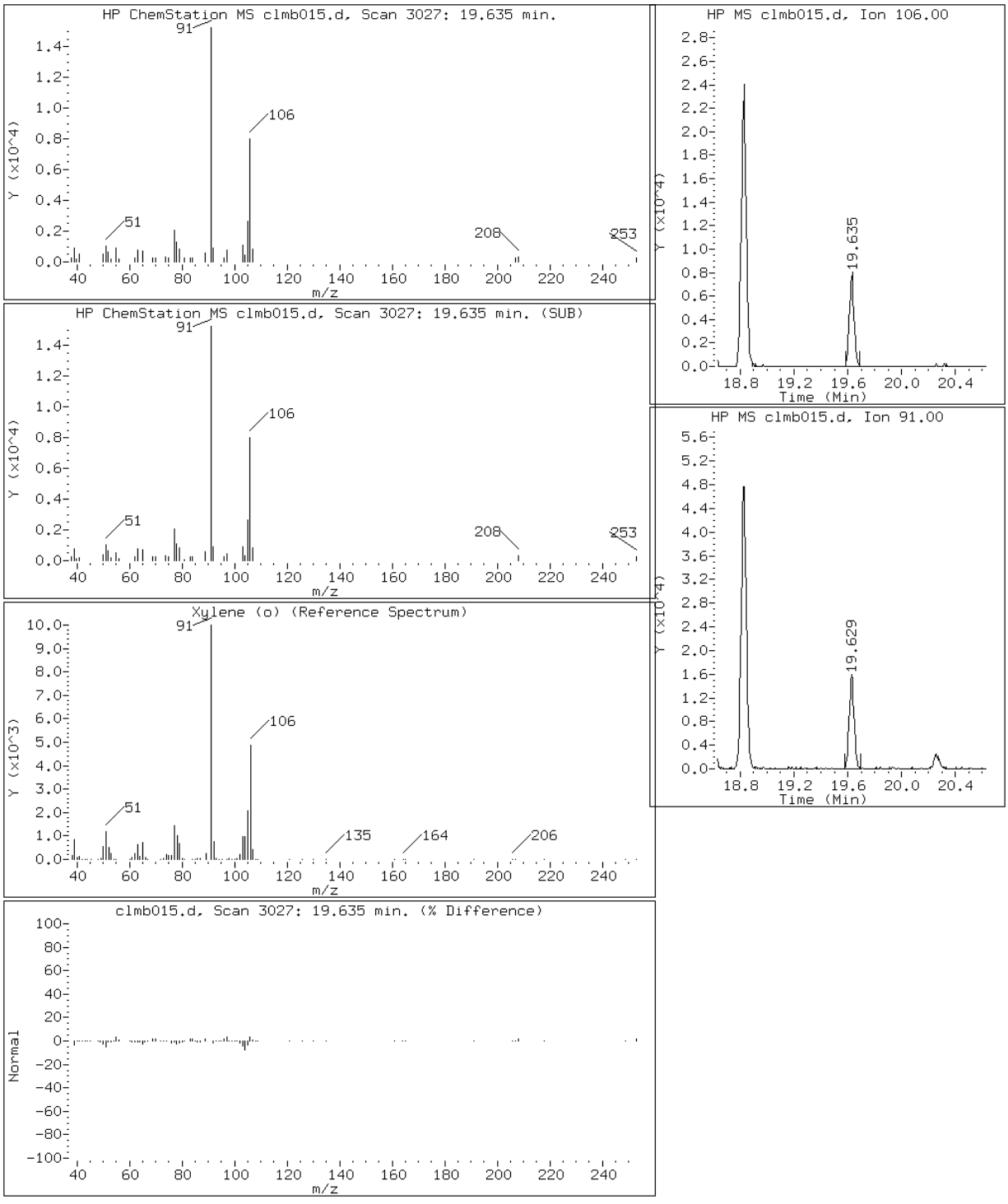
Data File: clmb015.d

Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

71 Xylene (o)



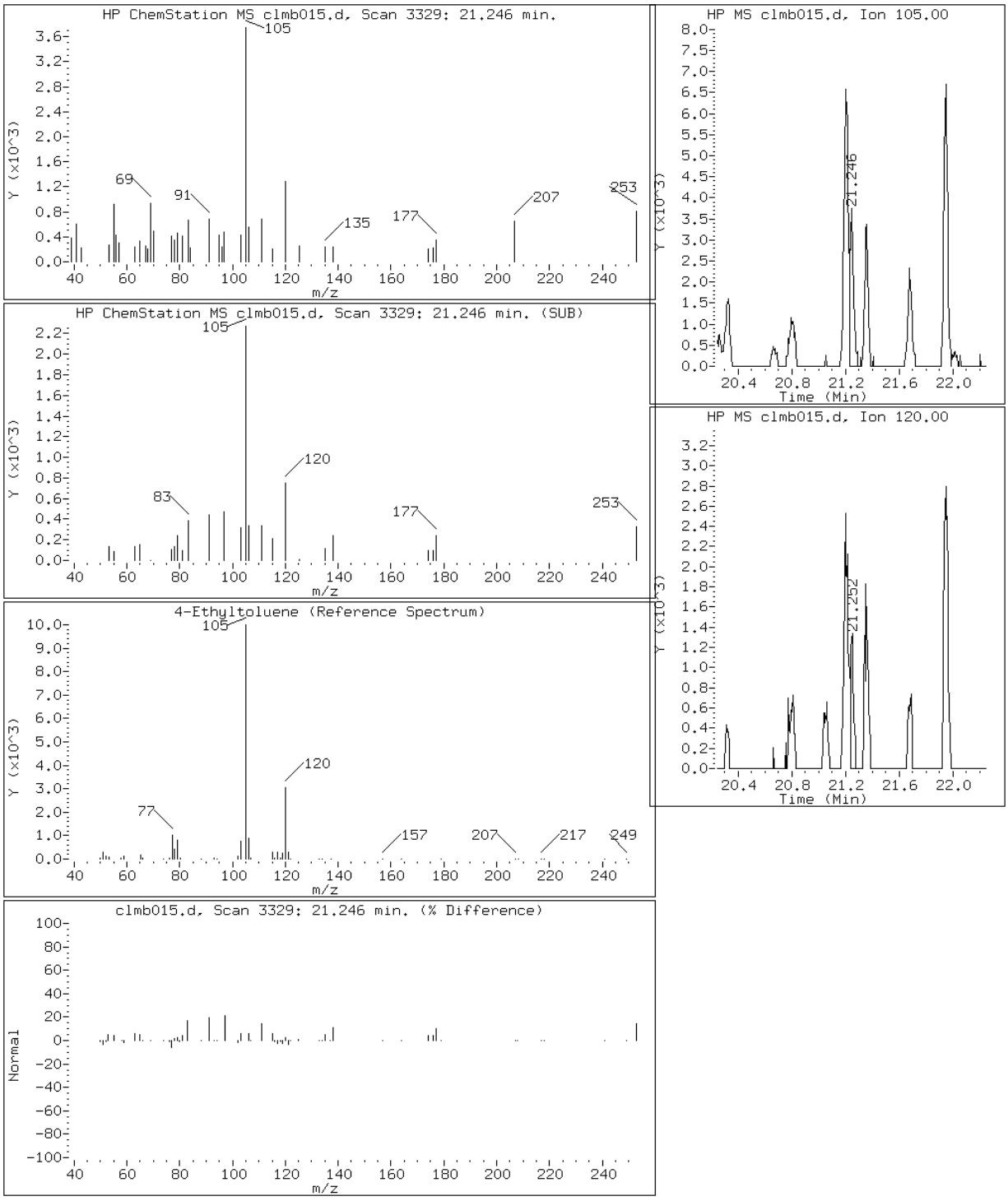
Data File: clmb015.d

Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

79 4-Ethyltoluene



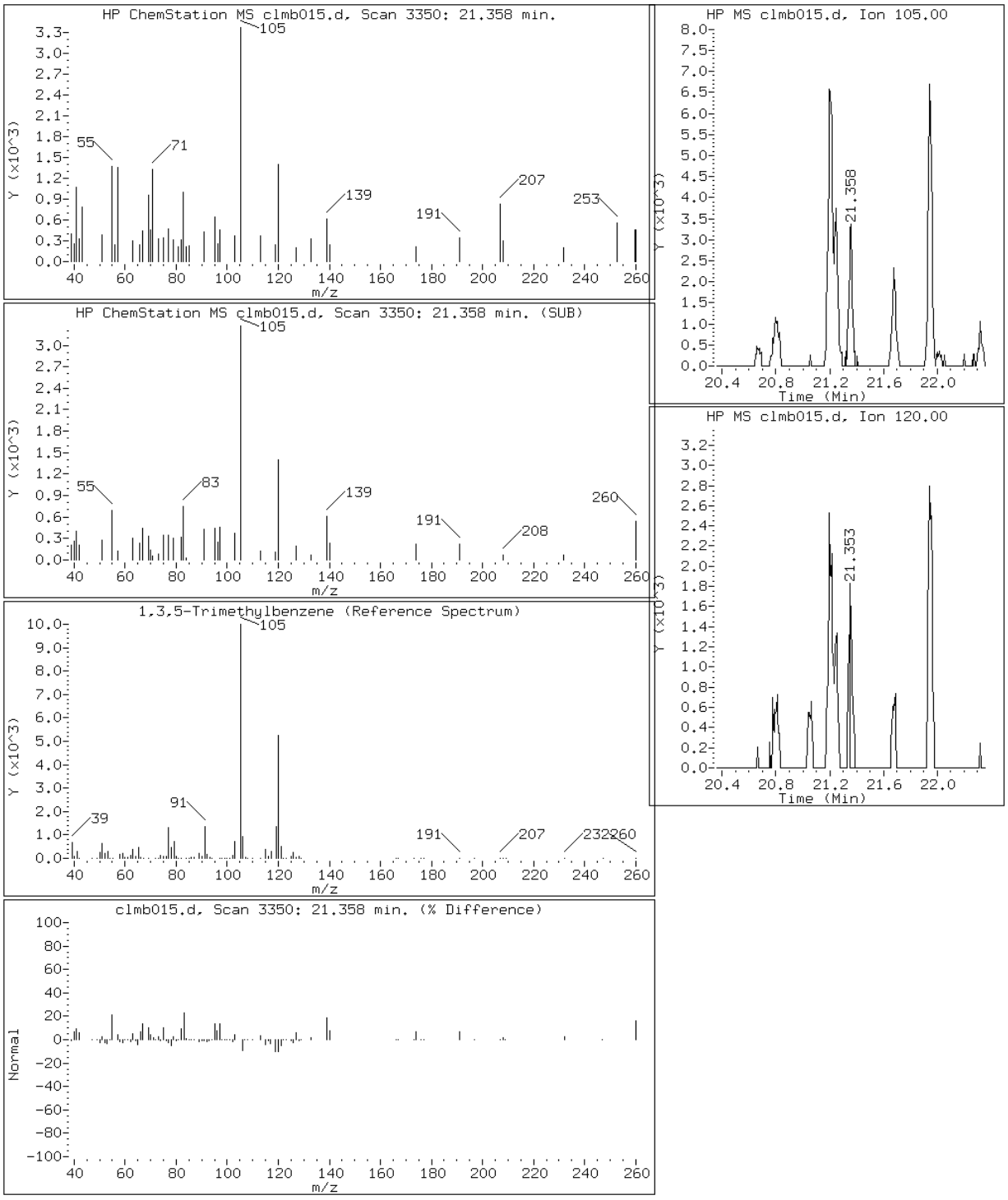
Data File: clmb015.d

Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

81 1,3,5-Trimethylbenzene



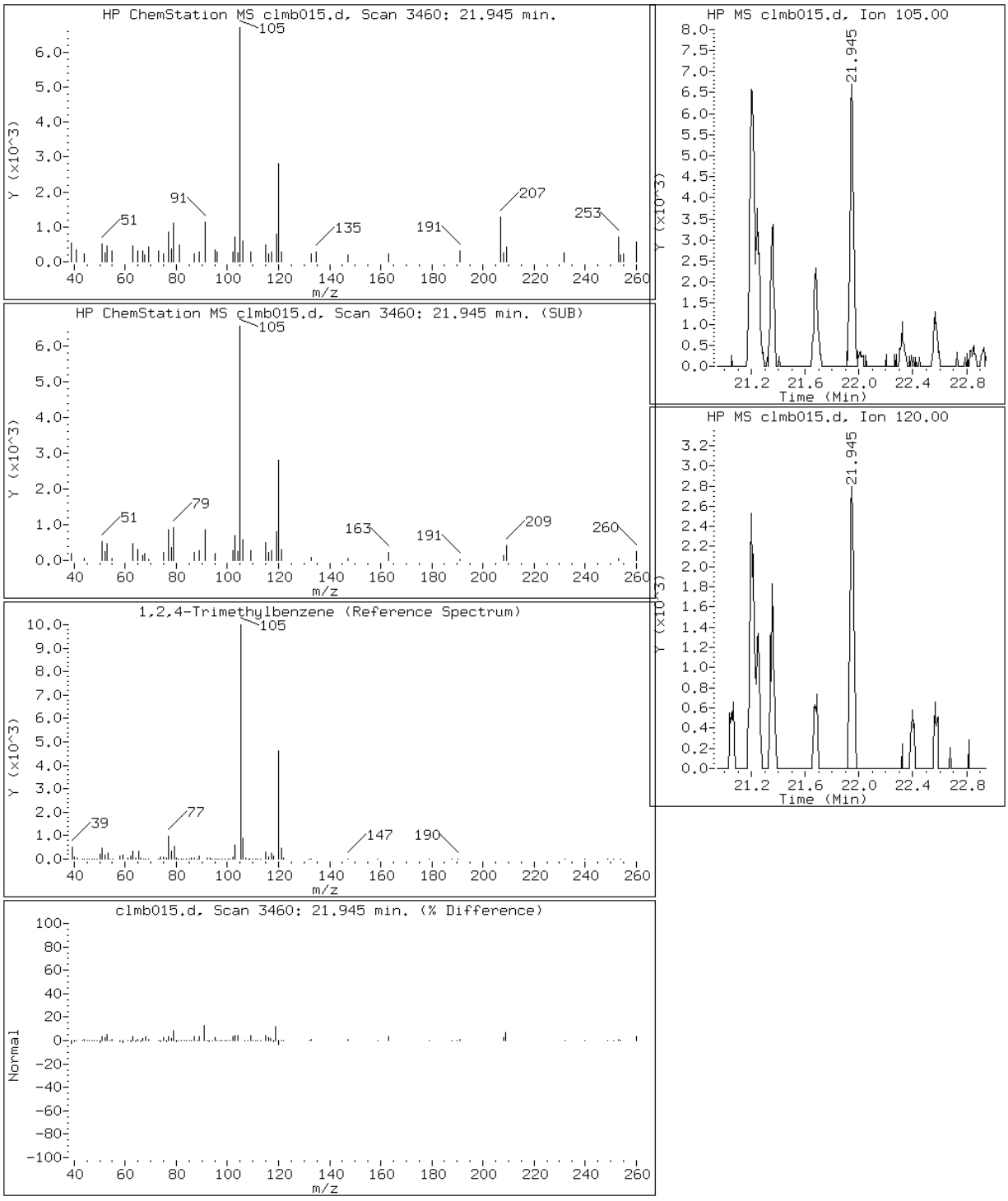
Data File: clmb015.d

Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

84 1,2,4-Trimethylbenzene



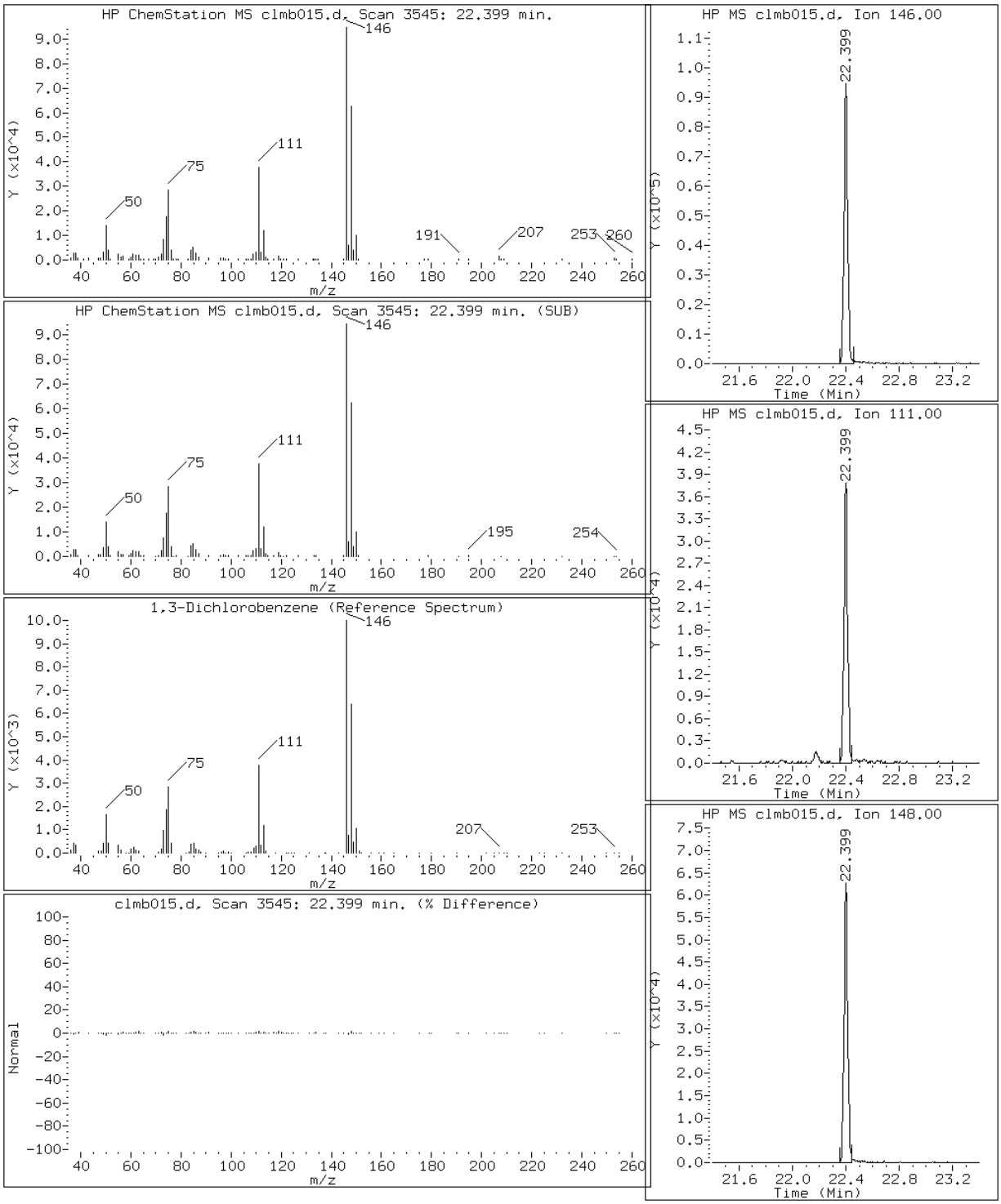
Data File: clmb015.d

Lab Sample ID: 280-39902-9 Date: 01-APR-2013 21:11

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

87 1,3-Dichlorobenzene



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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA DL Lab Sample ID: 280-39902-9 DL

Matrix: Air Lab File ID: clmb019.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 50(mL) Date Analyzed: 04/02/2013 00:43

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	*Dichlorodifluoromethane*	*120.91*	*0.72*	*J*	*2.0*	*0.080*
75-45-6	*Freon 22*	*86.47*	*0.32*	*U*	*2.0*	*0.092*
76-14-2	*1,2-Dichlorotetrafluoroethane*	*170.92*	*0.32*	*U*	*0.80*	*0.080*
74-87-3	*Chloromethane*	*50.49*	*0.75*	*J*	*2.0*	*0.14*
106-97-8	*n-Butane*	*58.12*	*0.87*	*J*	*2.0*	*0.088*
75-01-4	*Vinyl chloride*	*62.50*	*0.11*	*U*	*0.80*	*0.036*
106-99-0	*1,3-Butadiene*	*54.09*	*0.32*	*U*	*0.80*	*0.10*
74-83-9	*Bromomethane*	*94.94*	*0.32*	*U*	*0.80*	*0.11*
75-00-3	*Chloroethane*	*64.52*	*0.32*	*U*	*2.0*	*0.13*
593-60-2	*Bromoethene(Vinyl Bromide)*	*106.96*	*0.16*	*U*	*0.80*	*0.076*
75-69-4	*Trichlorofluoromethane*	*137.37*	*0.32*	*U*	*0.80*	*0.084*
76-13-1	*Freon TF*	*187.38*	*0.32*	*U*	*0.80*	*0.080*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.80*	*U*	*0.80*	*0.34*
67-64-1	*Acetone*	*58.08*	*3.3*	*J*	*20*	*1.6*
67-63-0	Isopropyl alcohol	60.10	120		20	0.30
75-15-0	*Carbon disulfide*	*76.14*	*0.32*	*U*	*2.0*	*0.080*
107-05-1	*3-Chloropropene*	*76.53*	*0.32*	*U*	*2.0*	*0.19*
75-09-2	*Methylene Chloride*	*84.93*	*0.32*	*U*	*2.0*	*0.092*
75-65-0	*tert-Butyl alcohol*	*74.12*	*0.32*	*U*	*20*	*0.16*
1634-04-4	*Methyl tert-butyl ether*	*88.15*	*0.16*	*U*	*0.80*	*0.060*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.32*	*U*	*0.80*	*0.092*
110-54-3	*n-Hexane*	*86.17*	*3.3*		*0.80*	*0.080*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.32*	*U*	*0.80*	*0.092*
78-93-3	*Methyl Ethyl Ketone*	*72.11*	*0.99*	*J*	*2.0*	*0.10*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.80*	*U*	*0.80*	*0.34*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.32*	*U*	*0.80*	*0.092*
67-66-3	*Chloroform*	*119.38*	*0.32*	*U*	*0.80*	*0.096*
109-99-9	*Tetrahydrofuran*	*72.11*	*0.32*	*U*	*20*	*0.12*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.32*	*U*	*0.80*	*0.080*
110-82-7	*Cyclohexane*	*84.16*	*0.16*	*U*	*0.80*	*0.076*
56-23-5	*Carbon tetrachloride*	*153.81*	*0.16*	*U*	*0.80*	*0.052*
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*1.7*		*0.80*	*0.060*
71-43-2	*Benzene*	*78.11*	*0.16*	*U*	*0.80*	*0.072*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.16*	*U*	*0.80*	*0.072*

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA DL Lab Sample ID: 280-39902-9 DL

Matrix: Air Lab File ID: clmb019.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 50(mL) Date Analyzed: 04/02/2013 00:43

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	1.1		0.80	0.068
79-01-6	Trichloroethene	131.39	0.22	J	0.80	0.037
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.064
78-87-5	1,2-Dichloropropane	112.99	0.32	U	0.80	0.092
123-91-1	1,4-Dioxane	88.11	0.80	U	20	0.28
75-27-4	Bromodichloromethane	163.83	0.16	U	0.80	0.048
10061-01-5	cis-1,3-Dichloropropene	110.97	0.16	U	0.80	0.052
108-10-1	methyl isobutyl ketone	100.16	0.32	U	2.0	0.14
108-88-3	Toluene	92.14	1.4		0.80	0.056
10061-02-6	trans-1,3-Dichloropropene	110.97	0.16	U	0.80	0.060
79-00-5	1,1,2-Trichloroethane	133.41	0.16	U	0.80	0.064
127-18-4	Tetrachloroethene	165.83	0.16	U	0.80	0.060
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.32	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.16	U	0.80	0.044
106-93-4	1,2-Dibromoethane	187.87	0.16	U	0.80	0.056
108-90-7	Chlorobenzene	112.30	0.16	U	0.80	0.052
100-41-4	Ethylbenzene	106.17	0.40	J	0.80	0.060
179601-23-1	m,p-Xylene	106.17	1.5	J	2.0	0.088
95-47-6	Xylene, o-	106.17	0.47	J M	0.80	0.064
1330-20-7	Xylene (total)	106.17	1.9		0.80	0.064
100-42-5	Styrene	104.15	0.16	U	0.80	0.044
75-25-2	Bromoform	252.75	0.11	U	0.80	0.029
98-82-8	Cumene	120.19	0.16	U	0.80	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.16	U	0.80	0.044
103-65-1	n-Propylbenzene	120.19	0.16	U	0.80	0.052
622-96-8	4-Ethyltoluene	120.20	0.16	U	0.80	0.060
108-67-8	1,3,5-Trimethylbenzene	120.20	0.16	U	0.80	0.076
95-49-8	2-Chlorotoluene	126.59	0.16	U	0.80	0.052
98-06-6	tert-Butylbenzene	134.22	0.16	U	0.80	0.044
95-63-6	1,2,4-Trimethylbenzene	120.20	0.32	U	0.80	0.084
135-98-8	sec-Butylbenzene	134.22	0.16	U	0.80	0.060
99-87-6	4-Isopropyltoluene	134.22	0.32	U	0.80	0.080
541-73-1	1,3-Dichlorobenzene	147.00	2.5		0.80	0.076
106-46-7	1,4-Dichlorobenzene	147.00	0.16	U	0.80	0.072

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA DL Lab Sample ID: 280-39902-9 DL

Matrix: Air Lab File ID: clmb019.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 50(mL) Date Analyzed: 04/02/2013 00:43

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*0.32*	*U*	*0.80*	*0.088*
104-51-8	*n-Butylbenzene*	*134.22*	*0.32*	*U*	*0.80*	*0.088*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*0.32*	*U*	*0.80*	*0.10*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*0.32*	*U*	*2.0*	*0.12*
87-68-3	*Hexachlorobutadiene*	*260.76*	*0.32*	*U*	*0.80*	*0.12*
91-20-3	*Naphthalene*	*128.17*	*0.32*	*U*	*2.0*	*0.15*

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA DL Lab Sample ID: 280-39902-9 DL

Matrix: Air Lab File ID: clmb019.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 50(mL) Date Analyzed: 04/02/2013 00:43

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.6	J	9.9	0.40
75-45-6	Freon 22	86.47	1.1	U	7.1	0.33
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.2	U	5.6	0.56
74-87-3	Chloromethane	50.49	1.5	J	4.1	0.28
106-97-8	n-Butane	58.12	2.1	J	4.8	0.21
75-01-4	Vinyl chloride	62.50	0.29	U	2.0	0.093
106-99-0	1,3-Butadiene	54.09	0.71	U	1.8	0.22
74-83-9	Bromomethane	94.94	1.2	U	3.1	0.42
75-00-3	Chloroethane	64.52	0.84	U	5.3	0.35
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.70	U	3.5	0.33
75-69-4	Trichlorofluoromethane	137.37	1.8	U	4.5	0.47
76-13-1	Freon TF	187.38	2.5	U	6.1	0.61
75-35-4	1,1-Dichloroethene	96.94	3.2	U	3.2	1.4
67-64-1	Acetone	58.08	7.8	J	48	3.8
67-63-0	Isopropyl alcohol	60.10	290		49	0.75
75-15-0	Carbon disulfide	76.14	1.0	U	6.2	0.25
107-05-1	3-Chloropropene	76.53	1.0	U	6.3	0.59
75-09-2	Methylene Chloride	84.93	1.1	U	6.9	0.32
75-65-0	tert-Butyl alcohol	74.12	0.97	U	61	0.50
1634-04-4	Methyl tert-butyl ether	88.15	0.58	U	2.9	0.22
156-60-5	trans-1,2-Dichloroethene	96.94	1.3	U	3.2	0.36
110-54-3	n-Hexane	86.17	12		2.8	0.28
75-34-3	1,1-Dichloroethane	98.96	1.3	U	3.2	0.37
78-93-3	Methyl Ethyl Ketone	72.11	2.9	J	5.9	0.29
156-59-2	cis-1,2-Dichloroethene	96.94	3.2	U	3.2	1.3
540-59-0	1,2-Dichloroethene, Total	96.94	1.3	U	3.2	0.36
67-66-3	Chloroform	119.38	1.6	U	3.9	0.47
109-99-9	Tetrahydrofuran	72.11	0.94	U	59	0.34
71-55-6	1,1,1-Trichloroethane	133.41	1.7	U	4.4	0.44
110-82-7	Cyclohexane	84.16	0.55	U	2.8	0.26
56-23-5	Carbon tetrachloride	153.81	1.0	U	5.0	0.33
540-84-1	2,2,4-Trimethylpentane	114.23	7.8		3.7	0.28
71-43-2	Benzene	78.11	0.51	U	2.6	0.23
107-06-2	1,2-Dichloroethane	98.96	0.65	U	3.2	0.29

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

Lab Name: TestAmerica Burlington | Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA DL | Lab Sample ID: 280-39902-9 DL

Matrix: Air | Lab File ID: clmb019.d

Analysis Method: TO-15 | Date Collected: 03/06/2013 16:00

Sample wt/vol: 50(mL) | Date Analyzed: 04/02/2013 00:43

Soil Aliquot Vol: | Dilution Factor: 4

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 53730 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	4.7		3.3	0.28
79-01-6	Trichloroethene	131.39	1.2	J	4.3	0.20
80-62-6	Methyl methacrylate	100.12	0.66	U	8.2	0.26
78-87-5	1,2-Dichloropropane	112.99	1.5	U	3.7	0.43
123-91-1	1,4-Dioxane	88.11	2.9	U	72	1.0
75-27-4	Bromodichloromethane	163.83	1.1	U	5.4	0.32
10061-01-5	cis-1,3-Dichloropropene	110.97	0.73	U	3.6	0.24
108-10-1	methyl isobutyl ketone	100.16	1.3	U	8.2	0.56
108-88-3	Toluene	92.14	5.1		3.0	0.21
10061-02-6	trans-1,3-Dichloropropene	110.97	0.73	U	3.6	0.27
79-00-5	1,1,2-Trichloroethane	133.41	0.87	U	4.4	0.35
127-18-4	Tetrachloroethene	165.83	1.1	U	5.4	0.41
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.3	U	8.2	0.66
124-48-1	Dibromochloromethane	208.29	1.4	U	6.8	0.37
106-93-4	1,2-Dibromoethane	187.87	1.2	U	6.1	0.43
108-90-7	Chlorobenzene	112.30	0.73	U	3.7	0.24
100-41-4	Ethylbenzene	106.17	1.7	J	3.5	0.26
179601-23-1	m,p-Xylene	106.17	6.4	J	8.7	0.38
95-47-6	Xylene, o-	106.17	2.0	J M	3.5	0.28
1330-20-7	Xylene (total)	106.17	8.4		3.5	0.28
100-42-5	Styrene	104.15	0.68	U	3.4	0.19
75-25-2	Bromoform	252.75	1.2	U	8.3	0.30
98-82-8	Cumene	120.19	0.79	U	3.9	0.22
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.1	U	5.5	0.30
103-65-1	n-Propylbenzene	120.19	0.79	U	3.9	0.26
622-96-8	4-Ethyltoluene	120.20	0.79	U	3.9	0.29
108-67-8	1,3,5-Trimethylbenzene	120.20	0.79	U	3.9	0.37
95-49-8	2-Chlorotoluene	126.59	0.83	U	4.1	0.27
98-06-6	tert-Butylbenzene	134.22	0.88	U	4.4	0.24
95-63-6	1,2,4-Trimethylbenzene	120.20	1.6	U	3.9	0.41
135-98-8	sec-Butylbenzene	134.22	0.88	U	4.4	0.33
99-87-6	4-Isopropyltoluene	134.22	1.8	U	4.4	0.44
541-73-1	1,3-Dichlorobenzene	147.00	15		4.8	0.46
106-46-7	1,4-Dichlorobenzene	147.00	0.96	U	4.8	0.43

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 785VMP0501FA DL Lab Sample ID: 280-39902-9 DL

Matrix: Air Lab File ID: clmb019.d

Analysis Method: TO-15 Date Collected: 03/06/2013 16:00

Sample wt/vol: 50(mL) Date Analyzed: 04/02/2013 00:43

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	*Benzyl chloride*	*126.58*	*1.7*	*U*	*4.1*	*0.46*
104-51-8	*n-Butylbenzene*	*134.22*	*1.8*	*U*	*4.4*	*0.48*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*1.9*	*U*	*4.8*	*0.63*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*2.4*	*U*	*15*	*0.89*
87-68-3	*Hexachlorobutadiene*	*260.76*	*3.4*	*U*	*8.5*	*1.2*
91-20-3	*Naphthalene*	*128.17*	*1.7*	*U*	*10*	*0.80*

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-9
Client Smp ID: 785VMP0501FA
Inj Date : 02-APR-2013 00:43
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-9
Misc Info : 50,4,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 14
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	50.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	11002	0.18021	0.72(a)
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.152	4.136	(0.375)	2143	0.18707	0.75(a)
6 Butane	43	4.387	4.376	(0.396)	3894	0.21704	0.87(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.349	7.333	(0.664)	11698	0.82394	3.3(a)
21 Carbon disulfide	76	Compound Not Detected.					

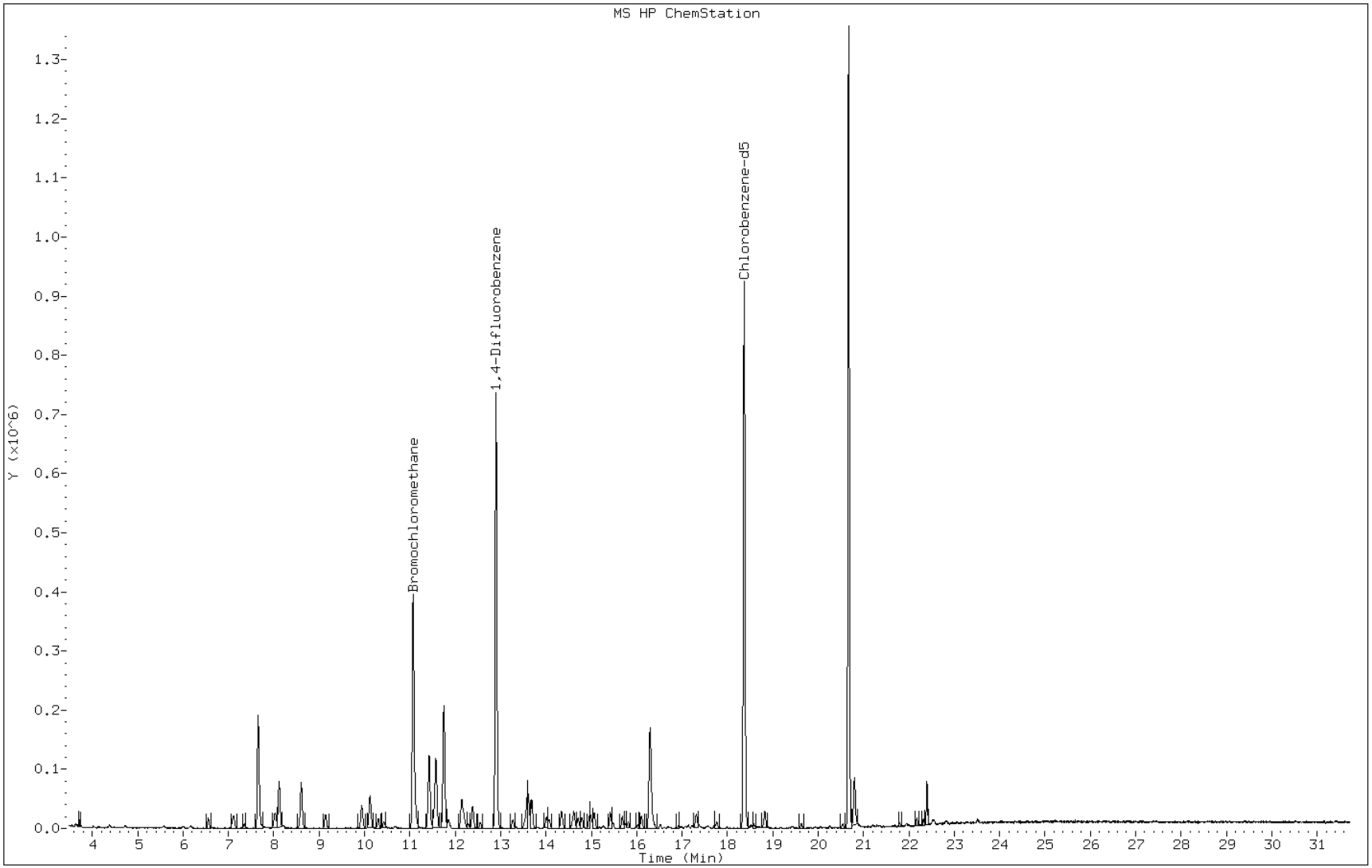
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	7.653	7.658	(0.691)	336507	29.9660	120
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.137	9.142	(0.825)	16679	0.82940	3.3
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.669	10.668	(0.963)	1471	0.24781	0.99(aQ)
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	155538	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	12.195	12.195	(0.945)	25800	0.41651	1.7(Q)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.547	12.552	(0.973)	5479	0.28426	1.1
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	846990	10.0000	
	49 Trichloroethene	95	13.348	13.342	(1.035)	1410	0.05606	0.22(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.685	15.685	(0.854)	12479	0.33971	1.4
	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	18.370	18.375	(1.000)	814975	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	18.594	18.594	(1.012)	7819	0.09898	0.40(a)
	69 Xylene (m,p)	106	18.829	18.834	(1.025)	10873	0.36759	1.5(a)
M	70 Xylenes, Total	106				14307	0.48555	1.9
	71 Xylene (o)	106	19.624	19.629	(1.068)	3434	0.11796	0.47(aM)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.404	22.399	(1.220)	33210	0.62701	2.5(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb019.d	Date:	02-APR-2013 00:43
Client ID:	785VMP0501FA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-9		
Lab Sample ID:	280-39902-9		



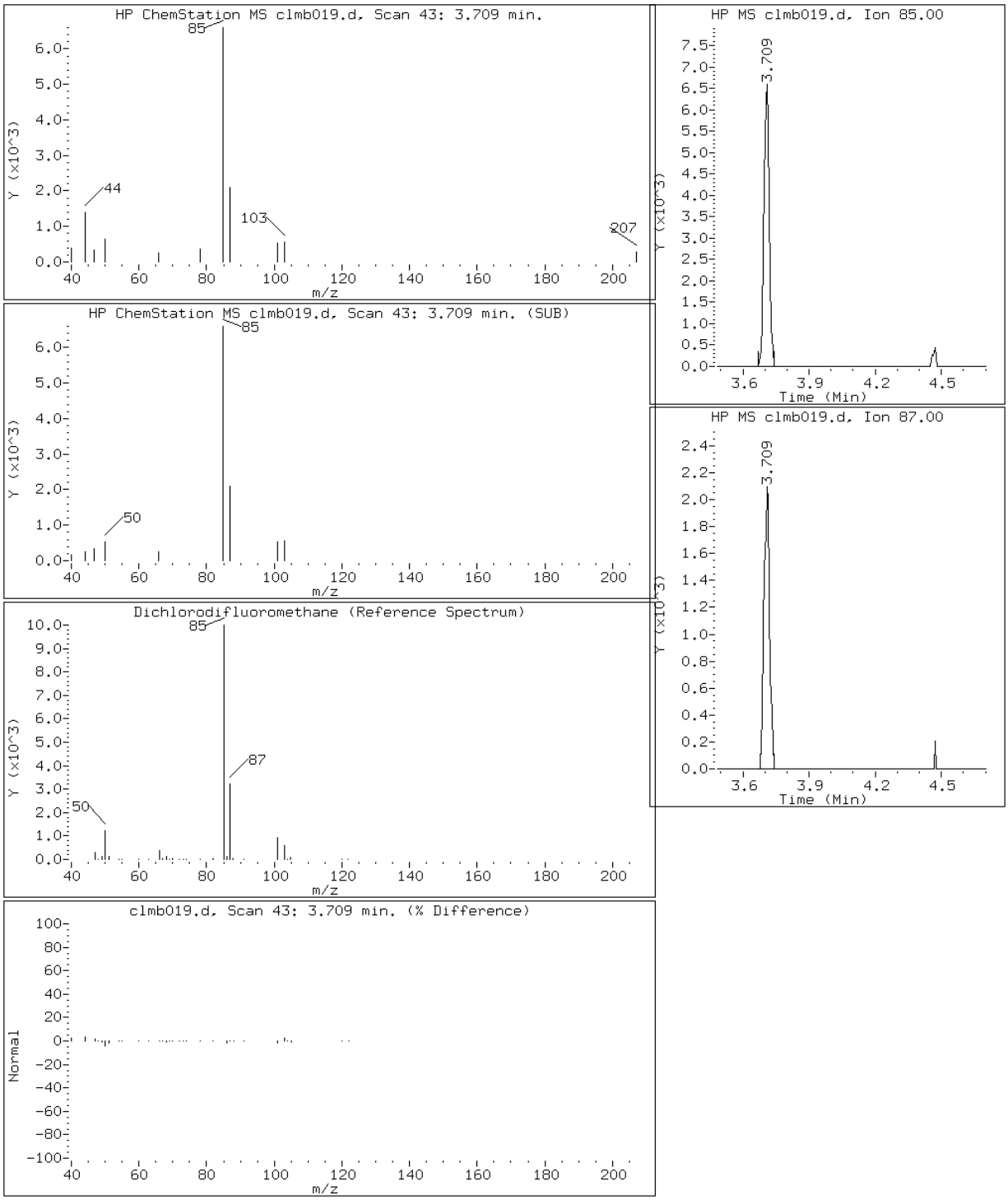
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

2 Dichlorodifluoromethane



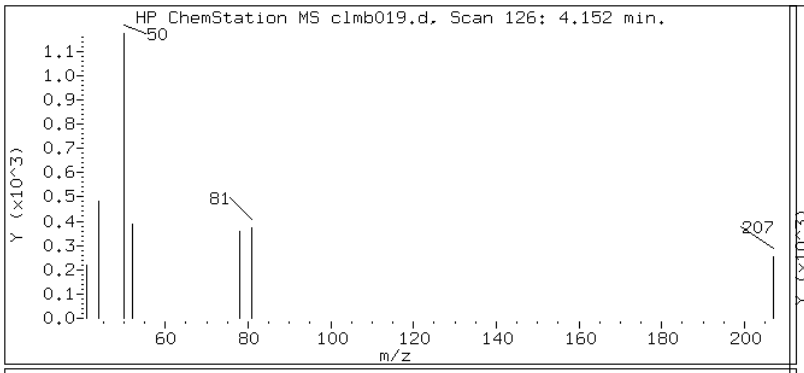
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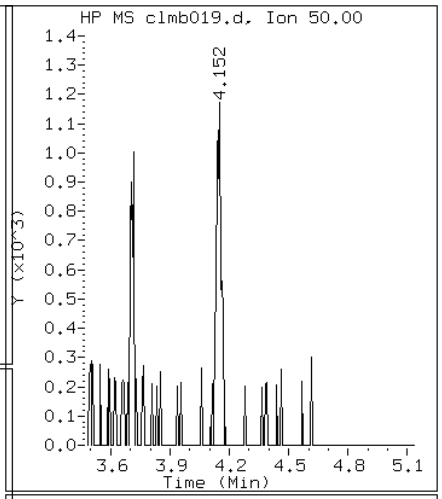
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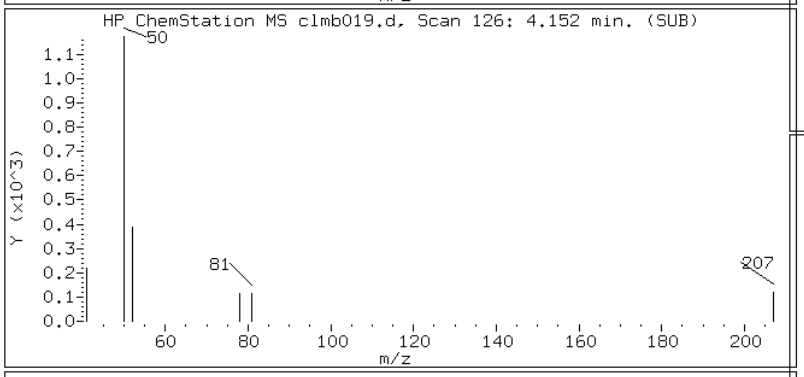
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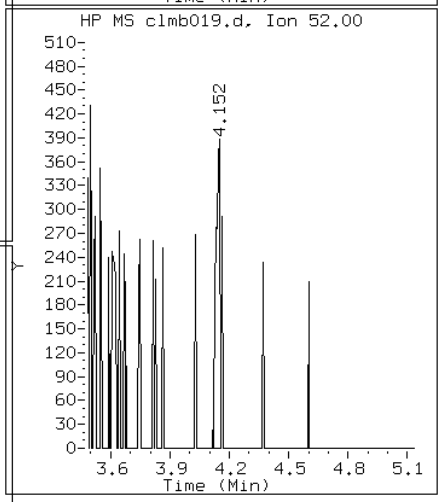
Sample Info: 280-39902-A-9 Operator: wrd

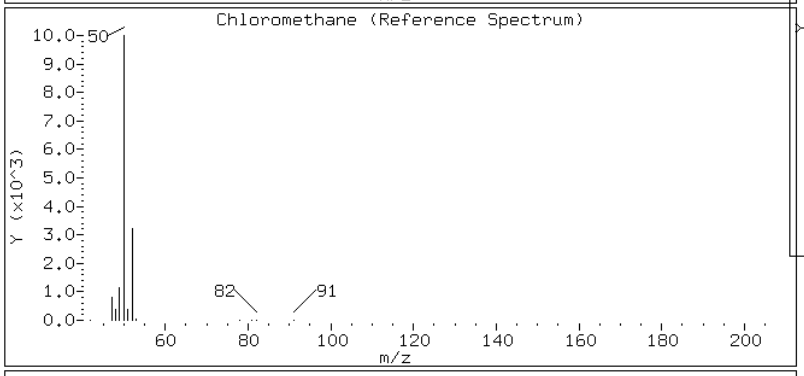
5 Chloromethane

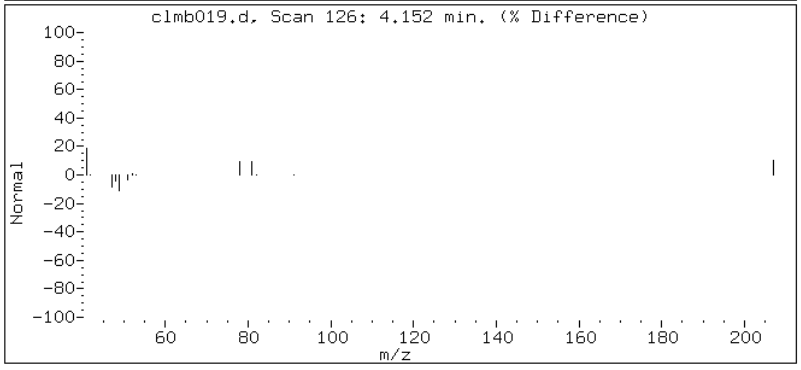












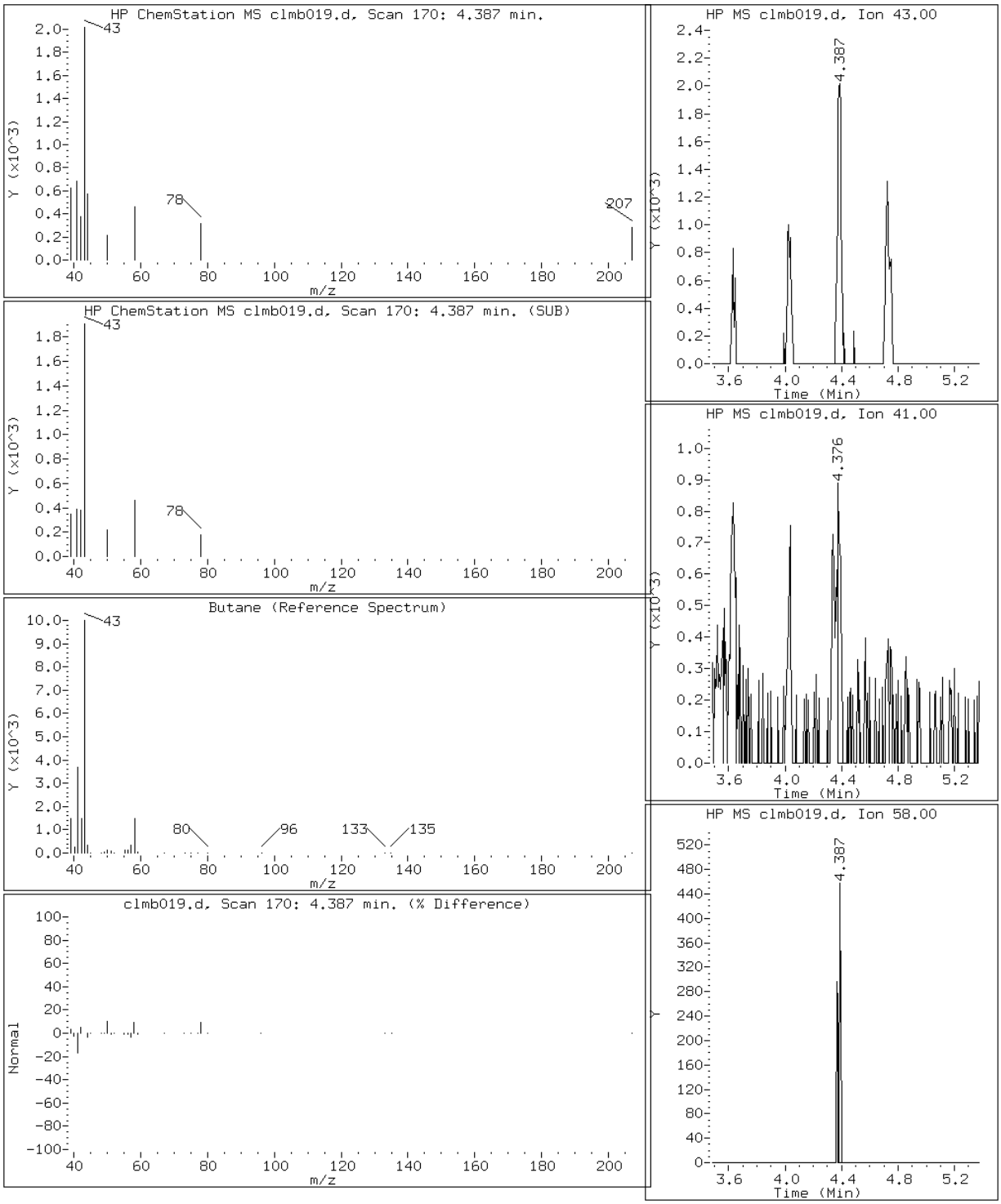
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

6 Butane



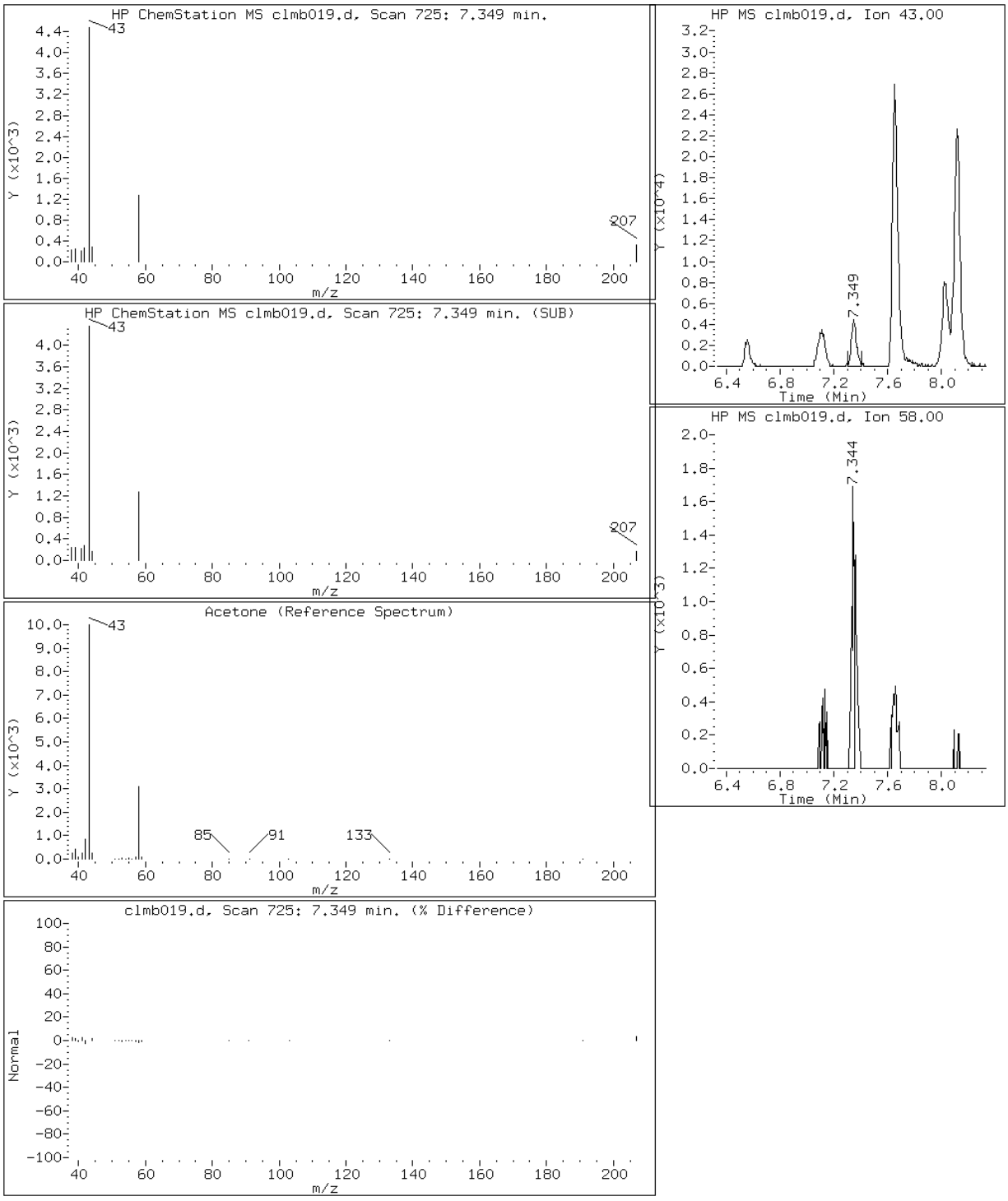
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

20 Acetone



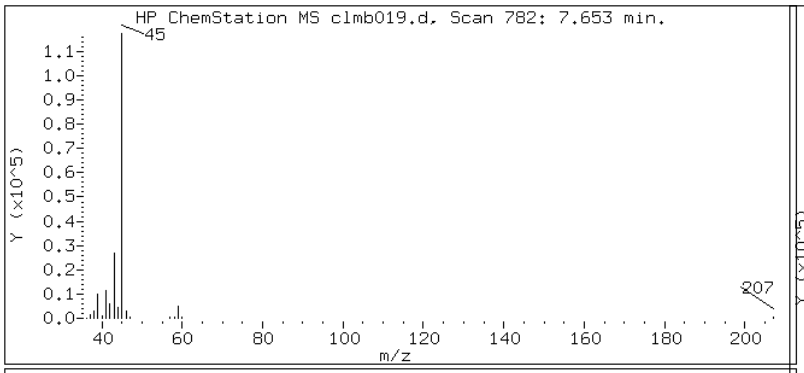
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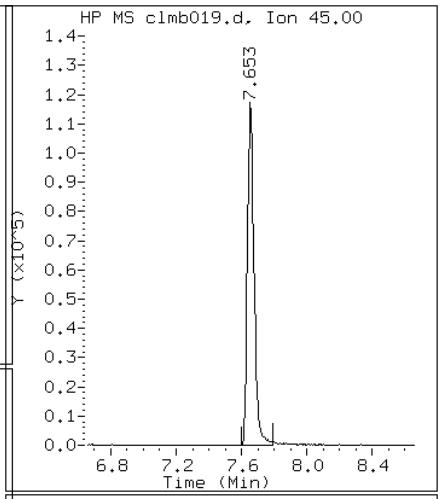
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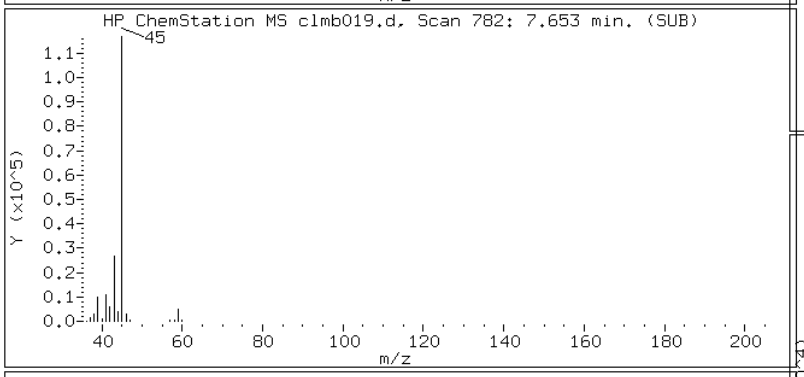
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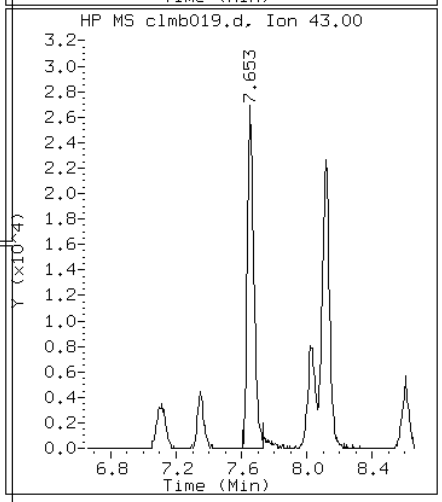
Sample Info: 280-39902-A-9 Operator: wrd

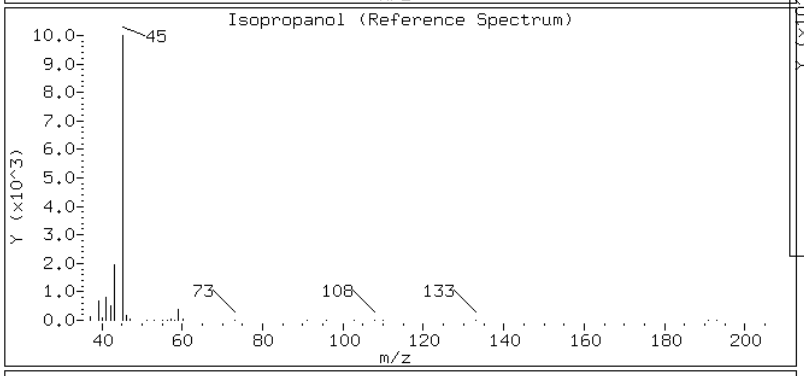
22 Isopropanol

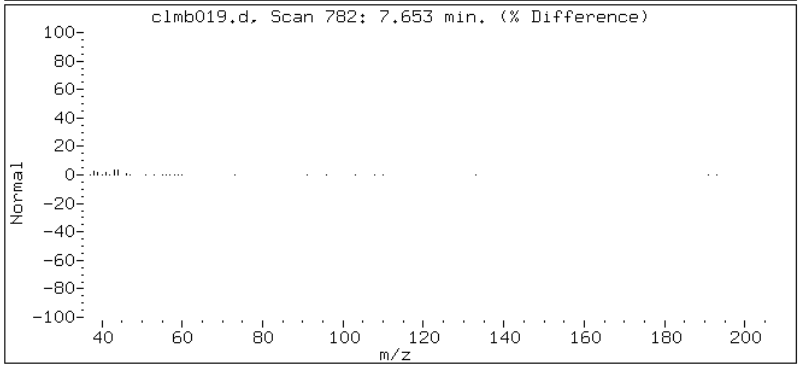












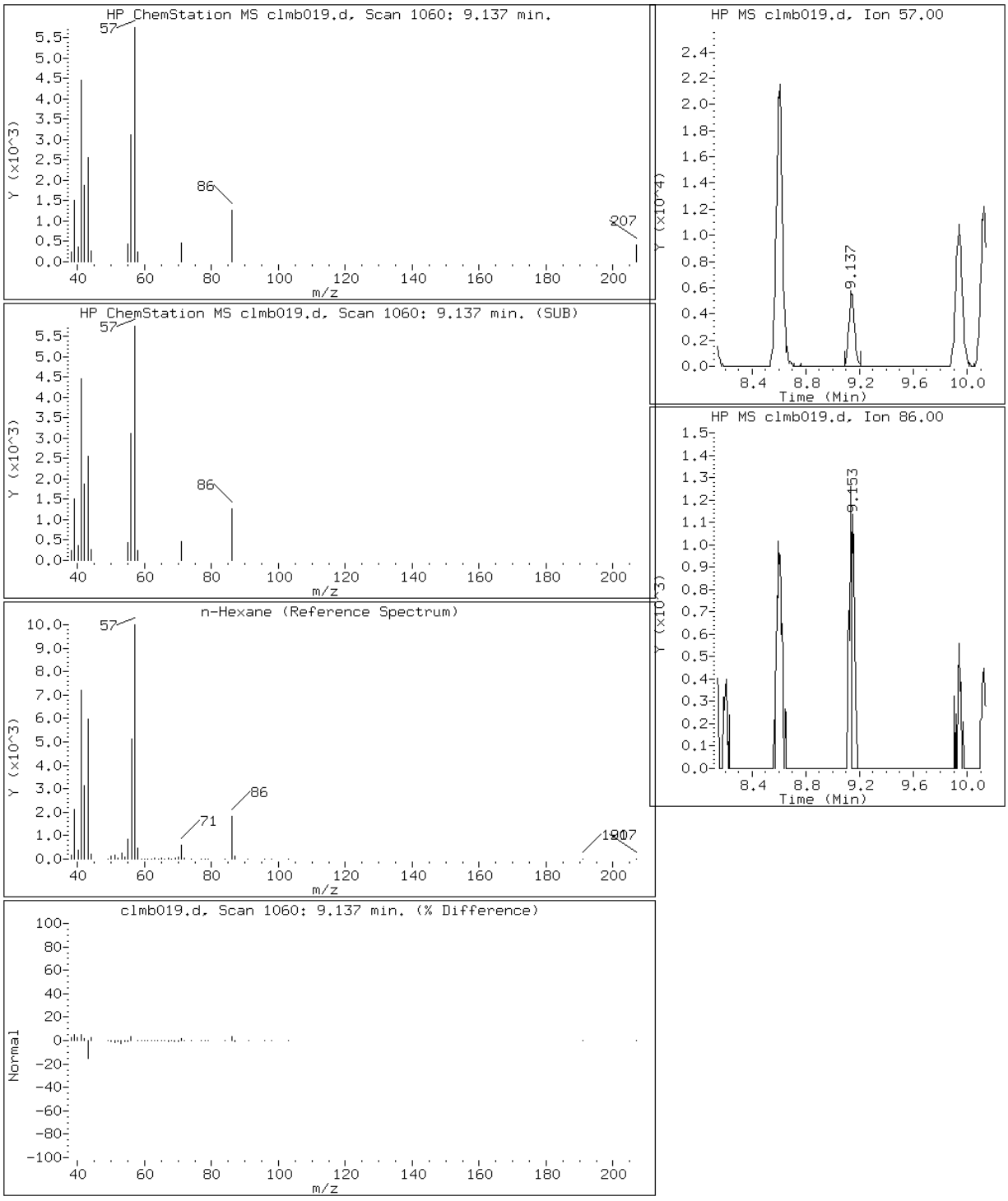
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

30 n-Hexane



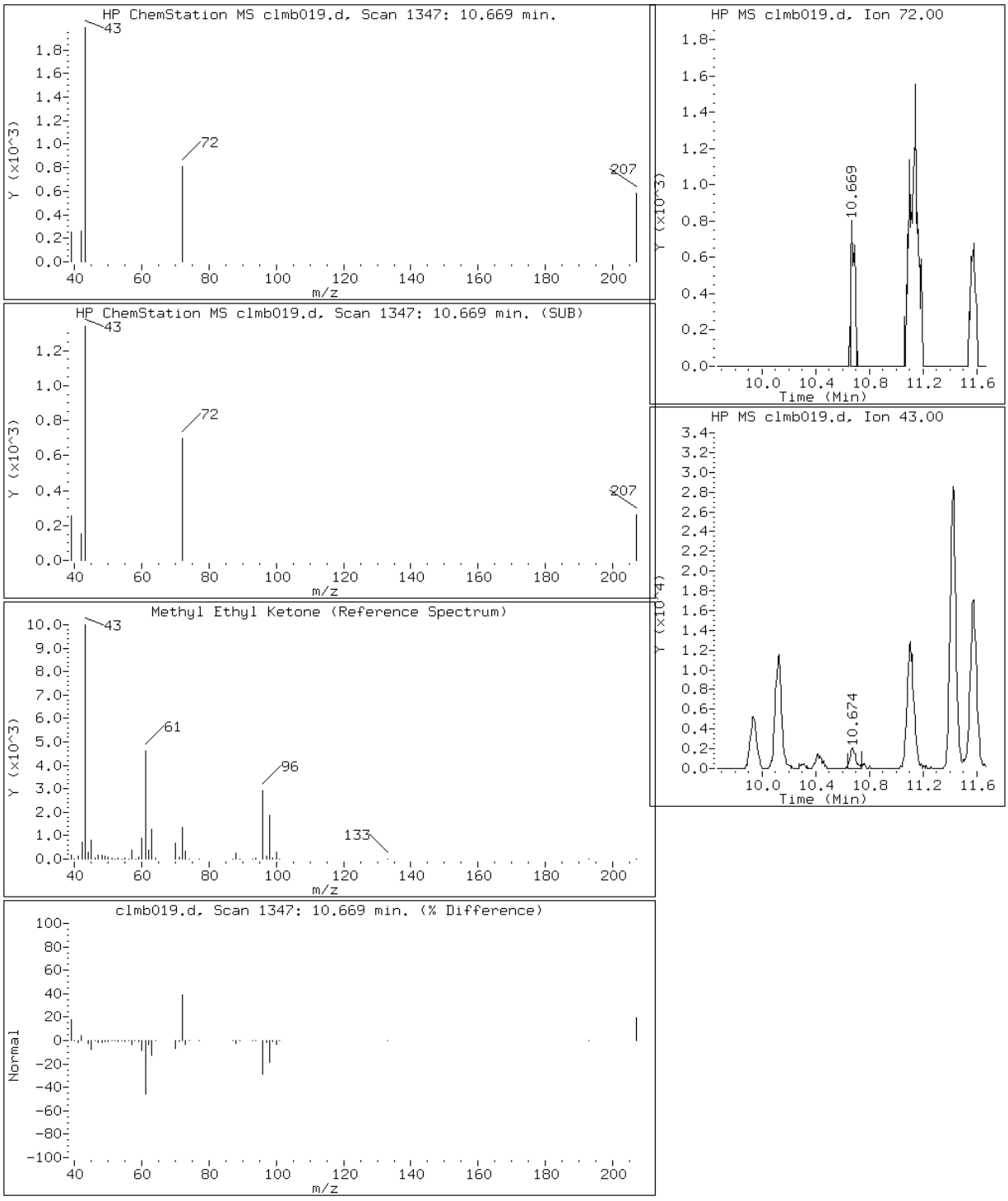
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

36 Methyl Ethyl Ketone



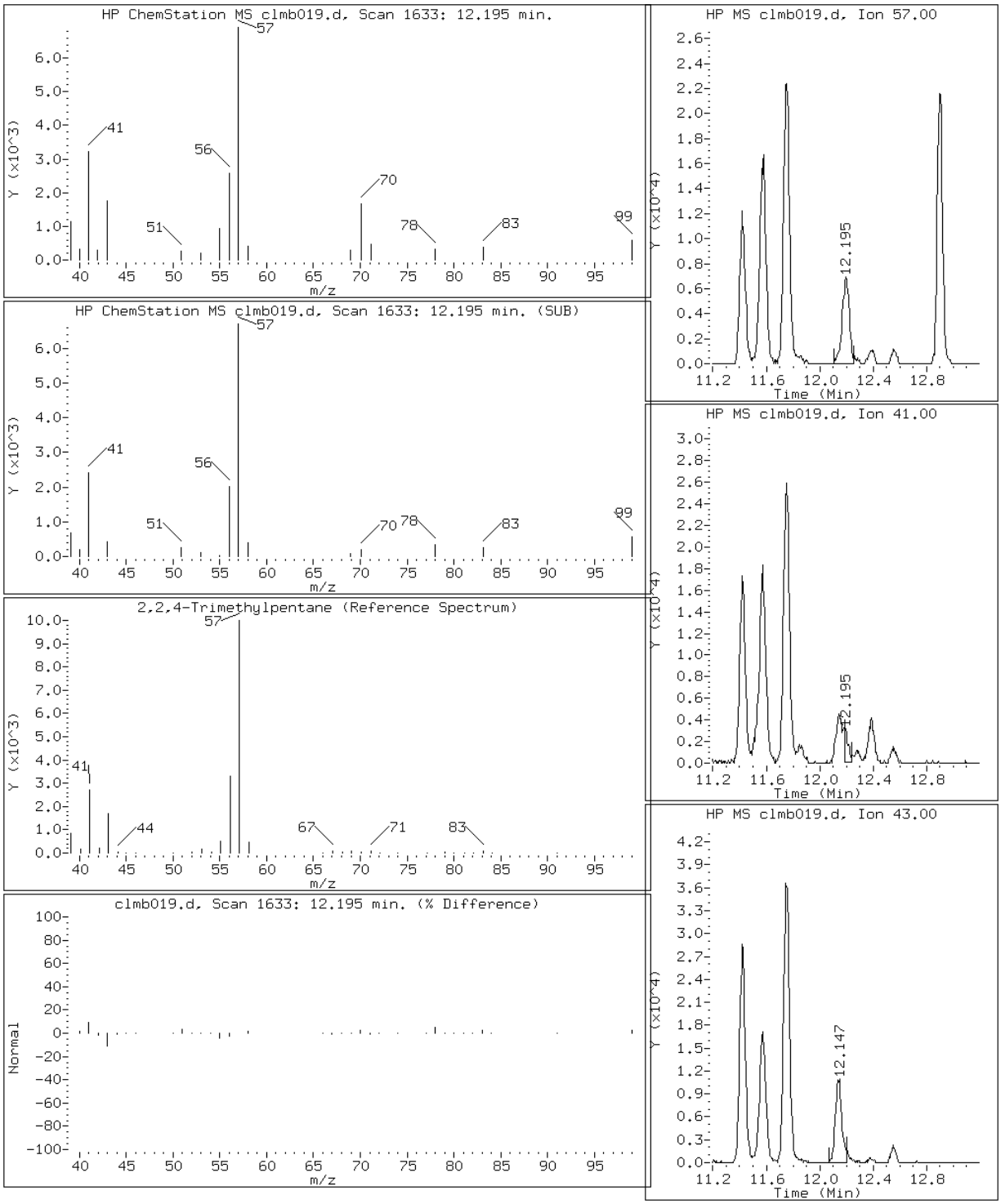
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

43 2,2,4-Trimethylpentane



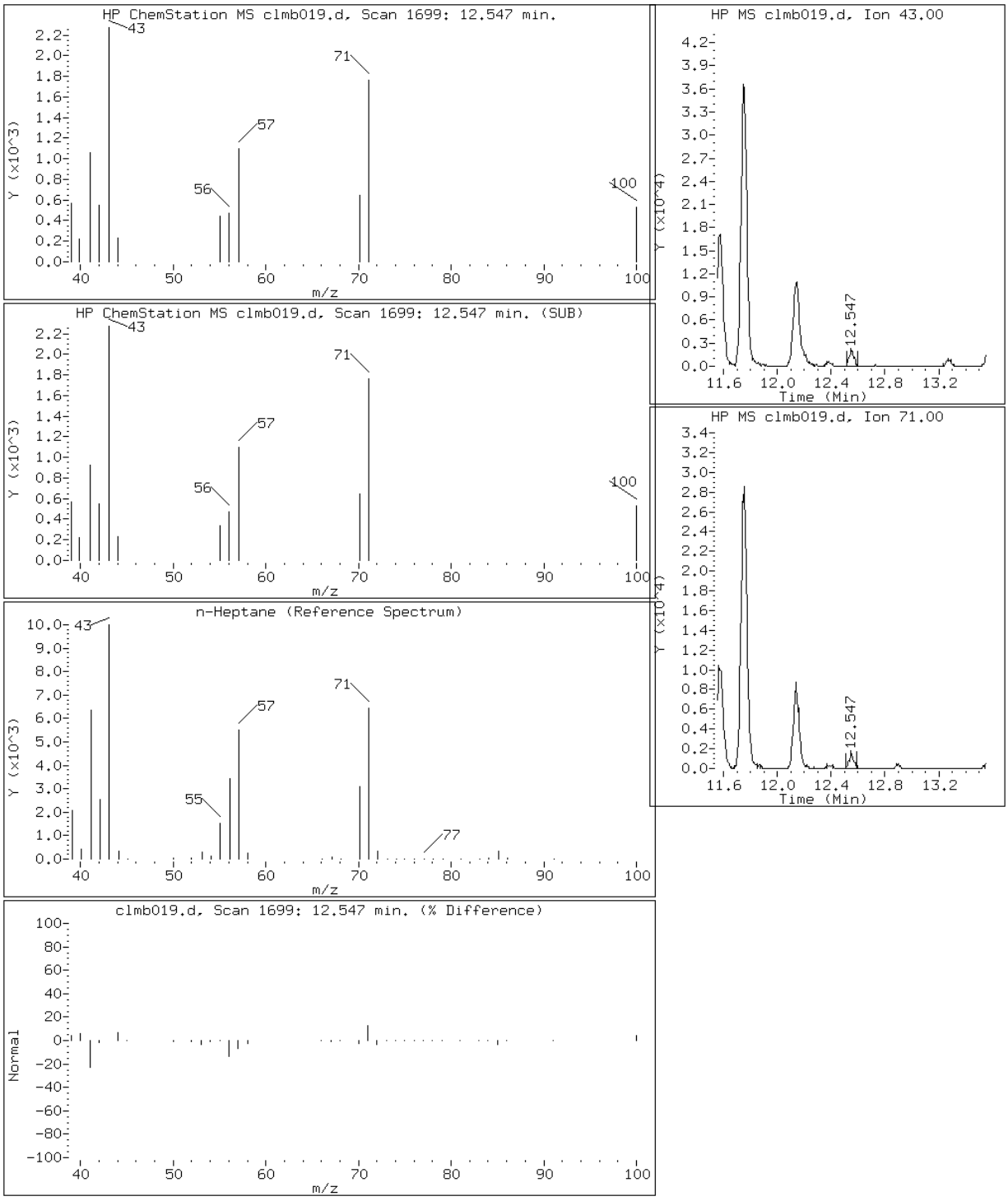
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

46 n-Heptane



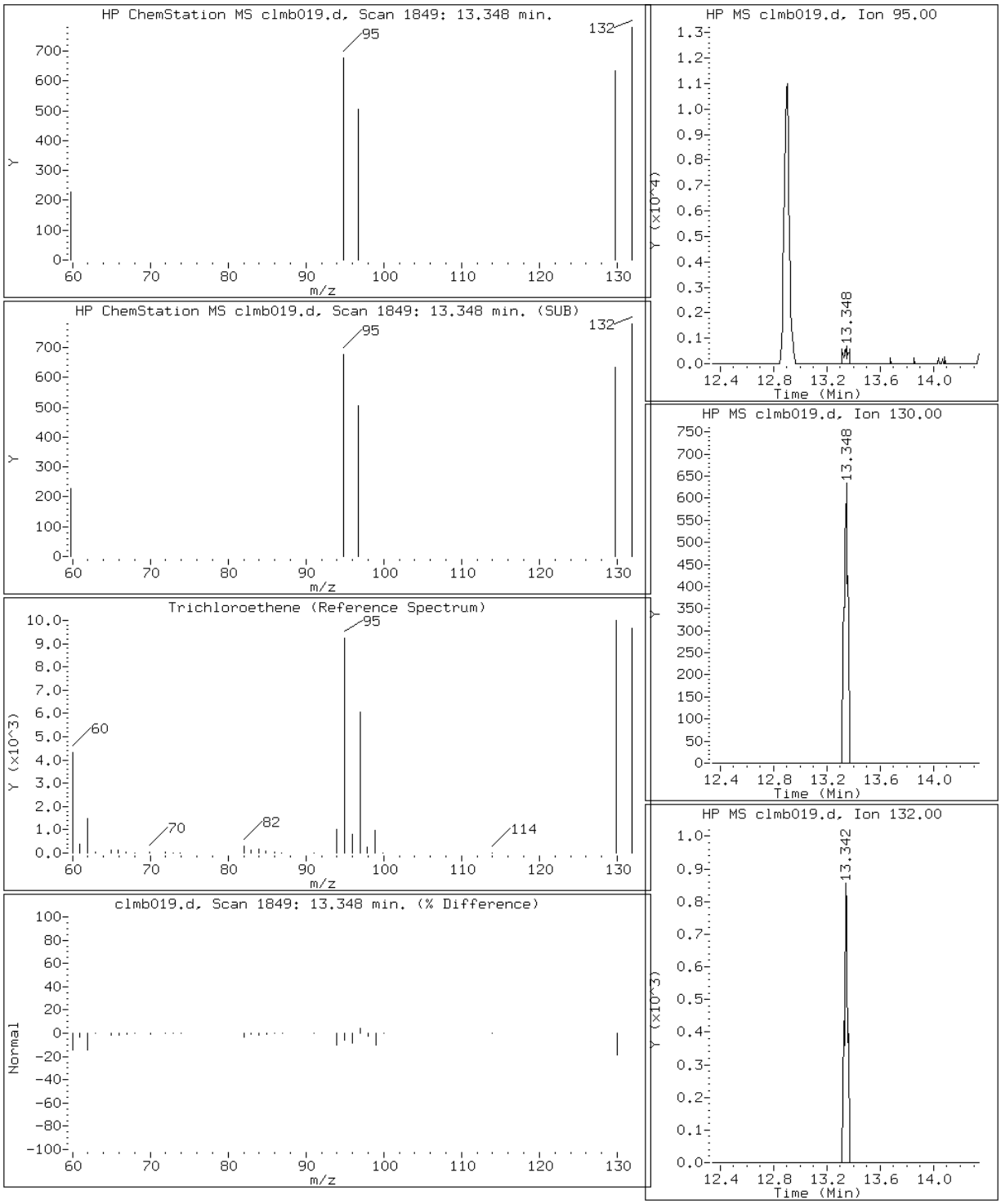
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

49 Trichloroethene



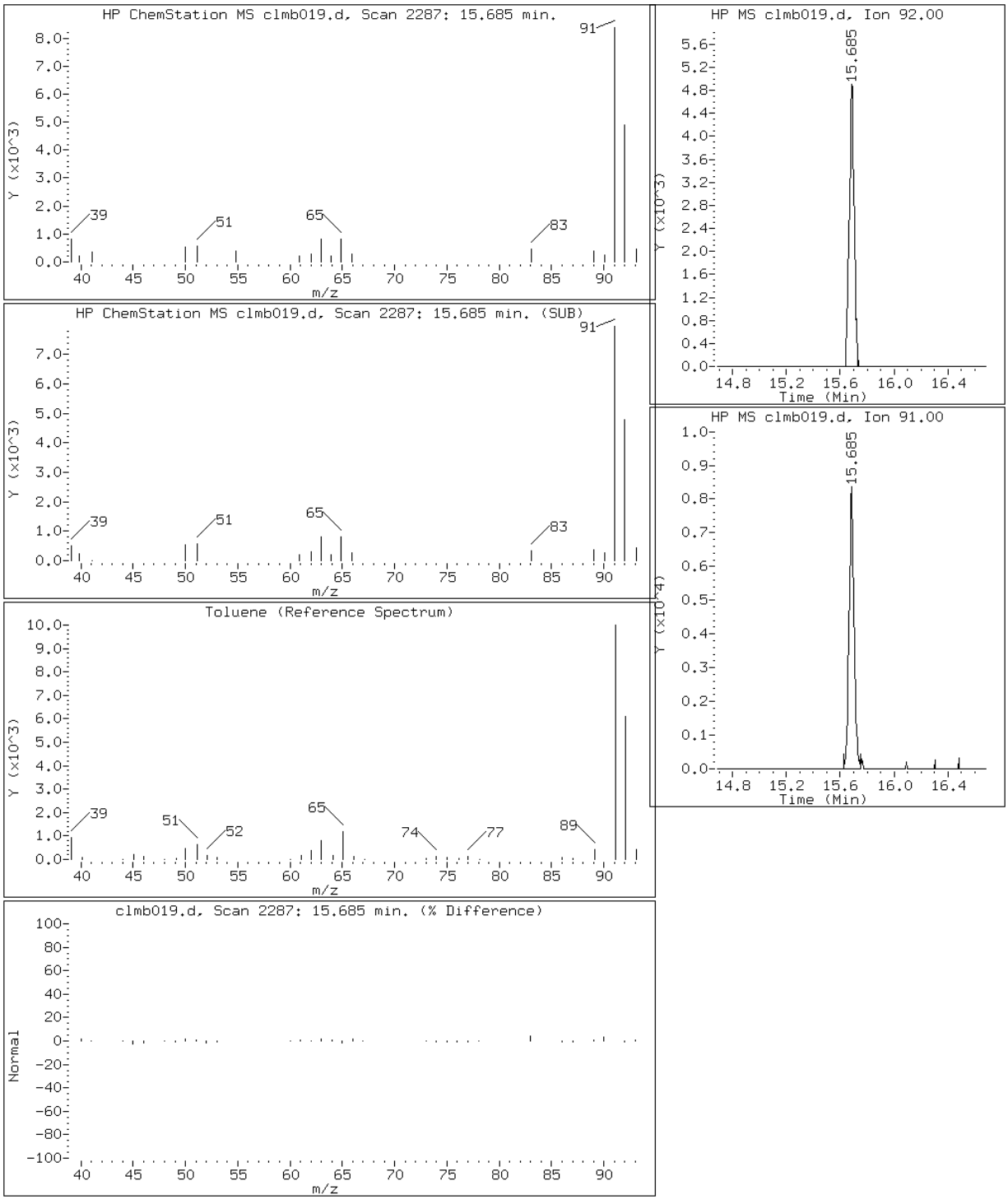
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

58 Toluene



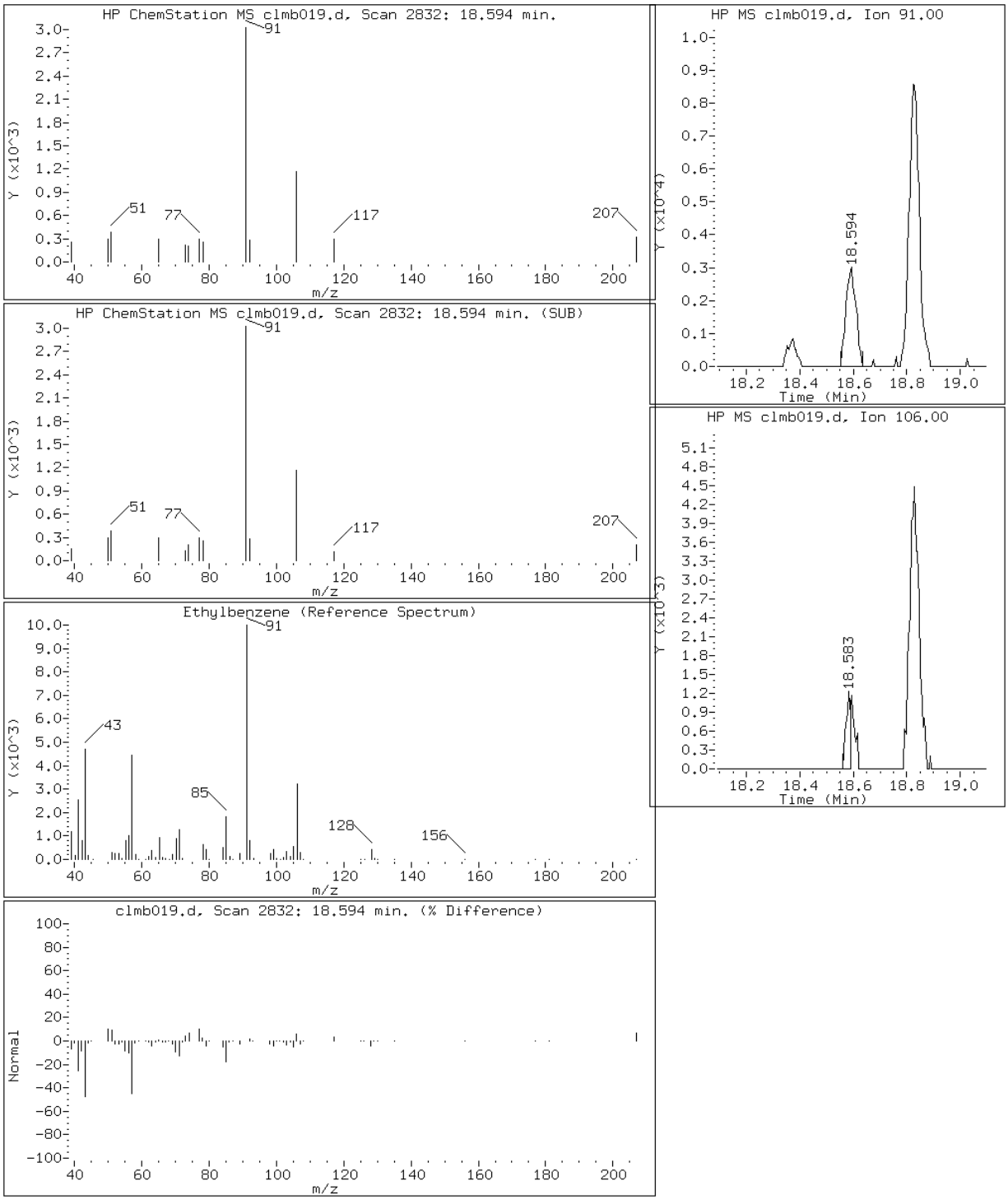
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Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

68 Ethylbenzene



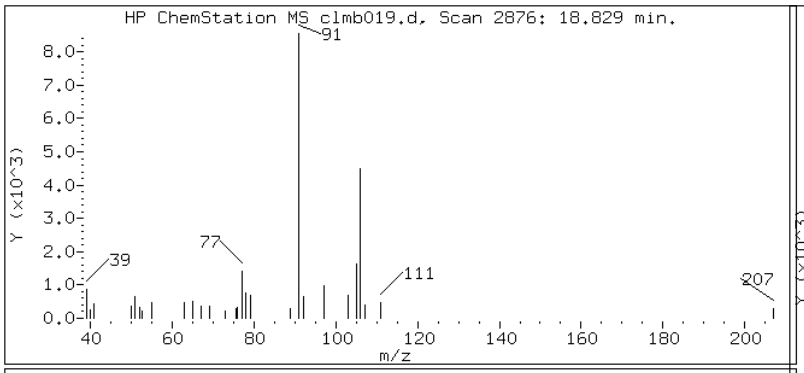
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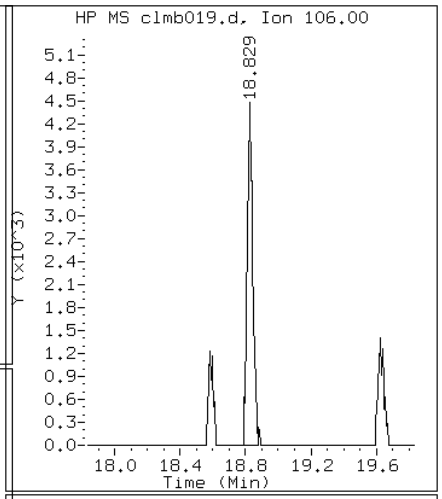
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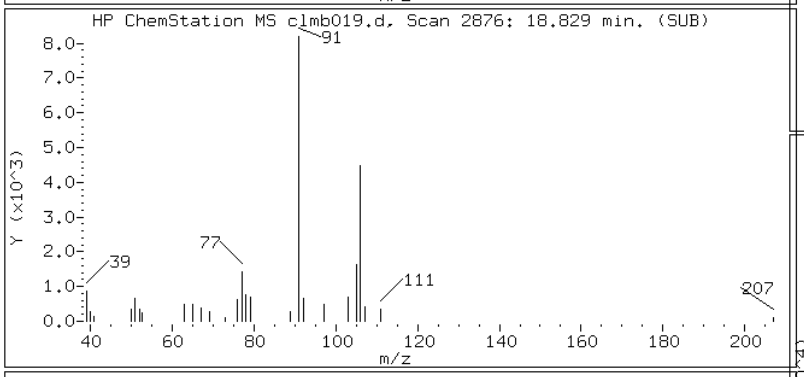
Client ID: 785VMP0501FA Instrument: C.i

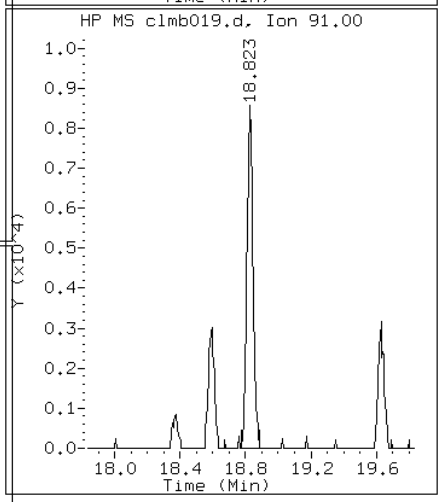
Sample Info: 280-39902-A-9 Operator: wrd

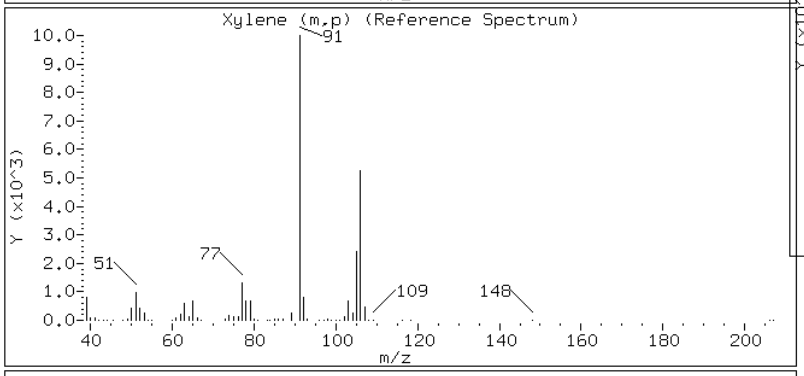
69 Xylene (m,p)

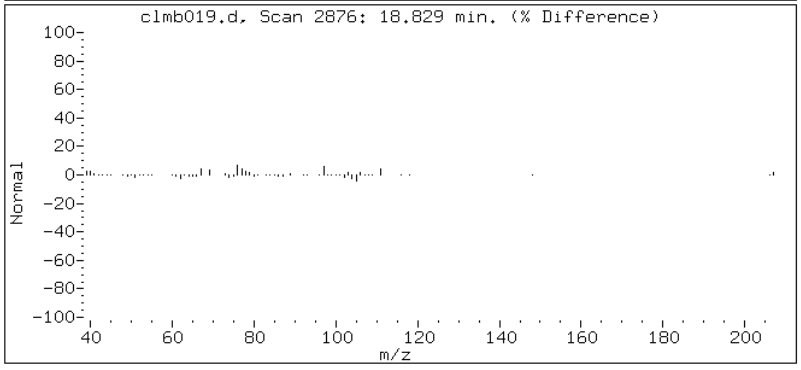












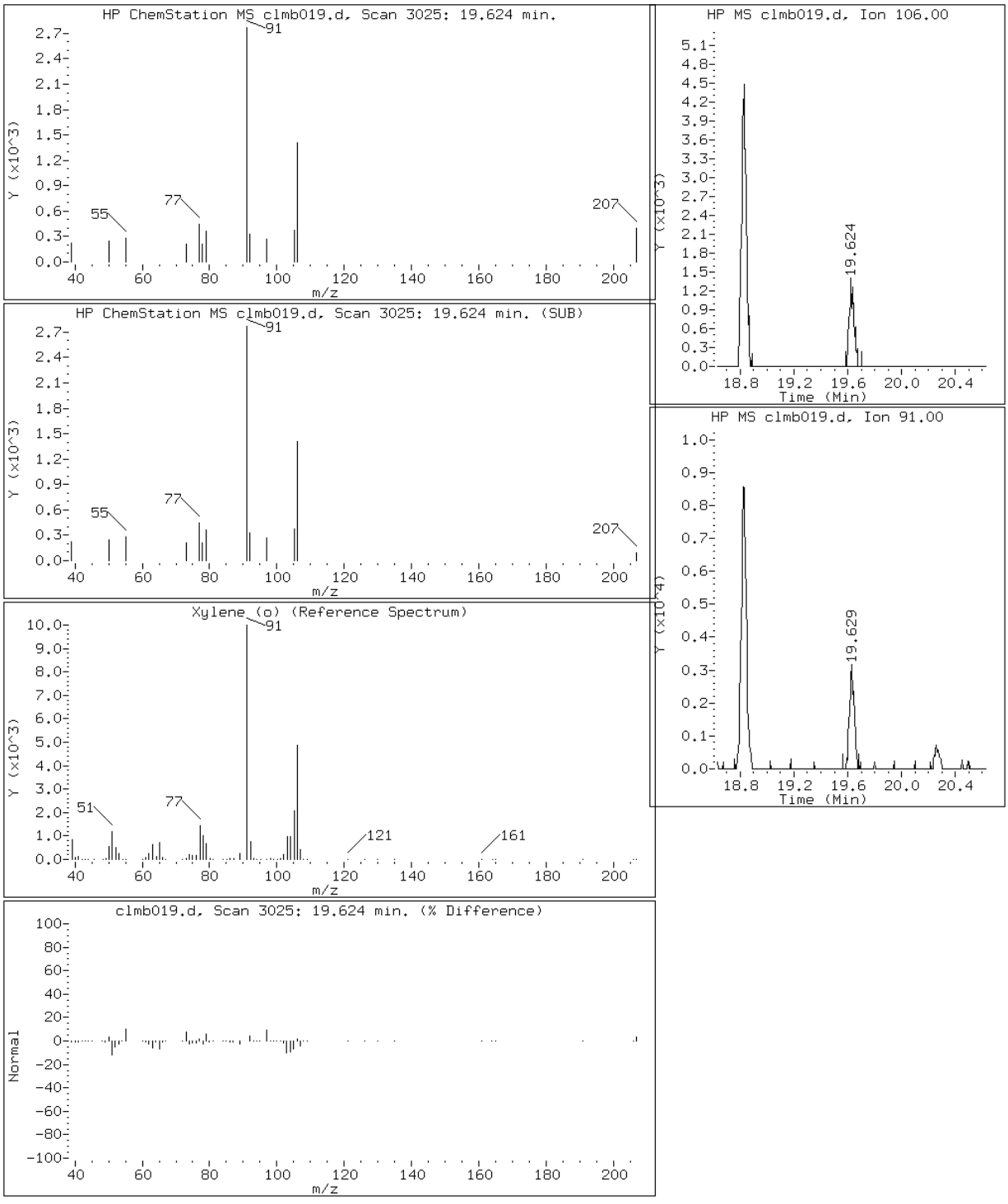
Data File: clmb019.d

Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

71 Xylene (o)



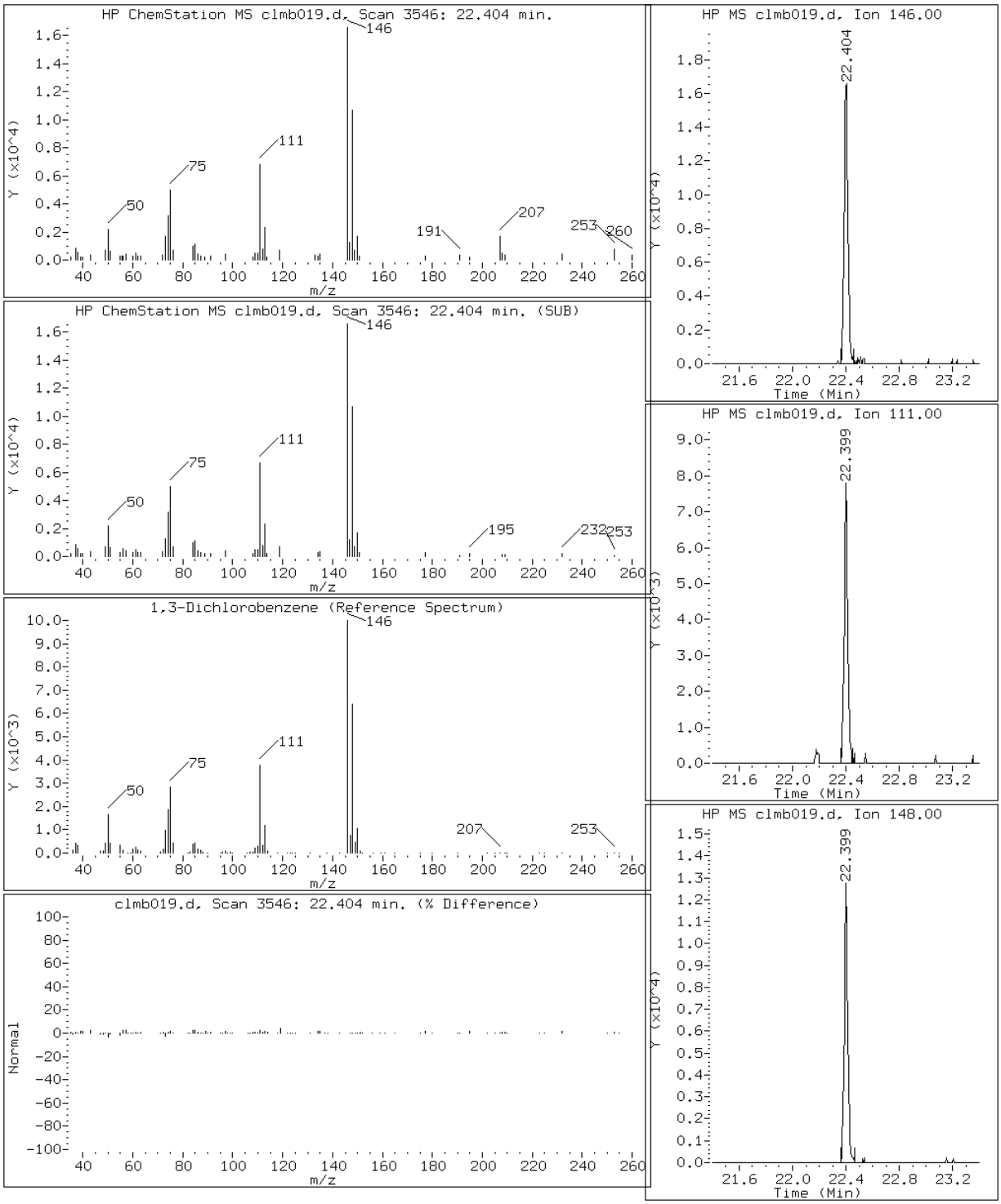
Data File: clmb019.d

Lab Sample ID: 280-39902-9 Date: 02-APR-2013 00:43

Client ID: 785VMP0501FA Instrument: C.i

Sample Info: 280-39902-A-9 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb019.d
Lab Sample ID: 280-39902-9
Inj. Date and Time: 02-APR-2013 00:43
Instrument ID: C.i
Client ID: 785VMP0501FA
Compound: 71 Xylene (o)
CAS #: 95-47-6
Report Date: 04/02/2013

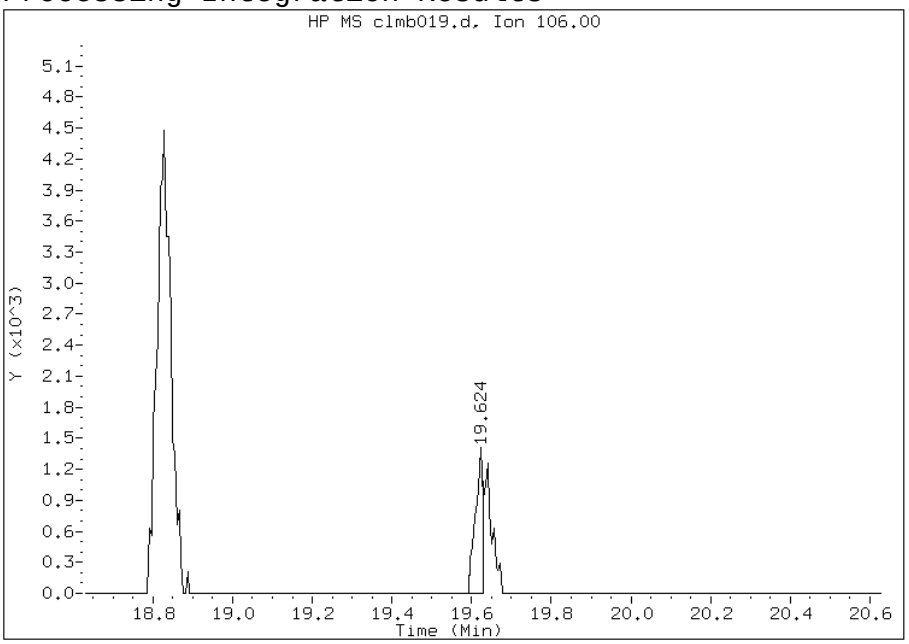
Processing Integration Results

RT: 19.62

Response: 1837

Amount: 0.063102

Conc: 0.252408



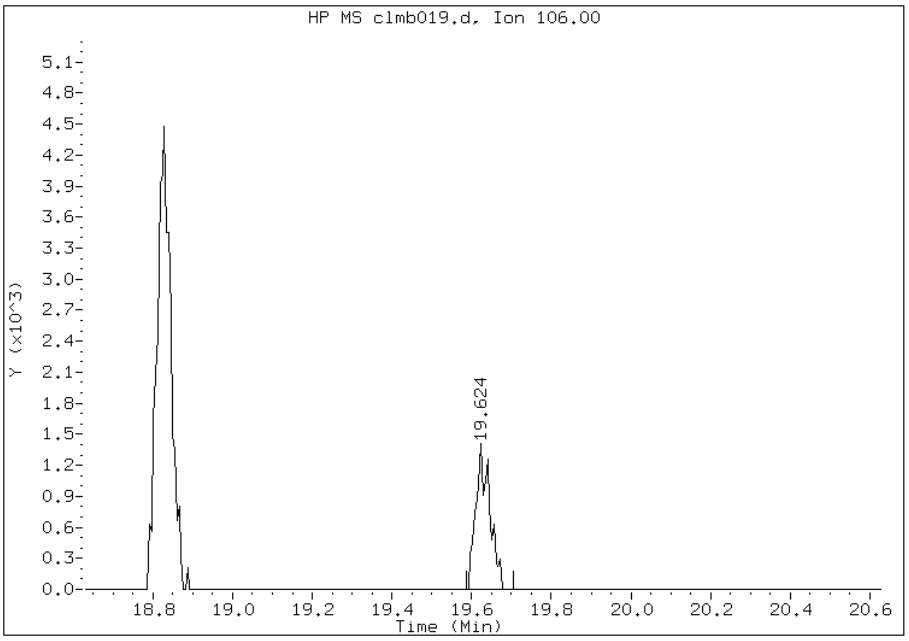
Manual Integration Results

RT: 19.62

Response: 3434

Amount: 0.117960

Conc: 0.471839



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.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HC Lab Sample ID: 280-39902-10

Matrix: Air Lab File ID: clmb010.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:31

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.53		0.50	0.020
75-45-6	Freon 22	86.47	0.25	J	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.080	U	0.50	0.034
106-97-8	n-Butane	58.12	0.49	J	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.021
76-13-1	Freon TF	187.38	0.079	J	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	0.90	J	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	11		5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.080	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.72		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.26	J	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.065	J M	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.28	M	0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HC Lab Sample ID: 280-39902-10

Matrix: Air Lab File ID: clmb010.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:31

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.24		0.20	0.017
79-01-6	Trichloroethene	131.39	1.7		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.25		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.16	J M	0.50	0.022
95-47-6	Xylene, o-	106.17	0.063	J M	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.22		0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.34		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HC Lab Sample ID: 280-39902-10

Matrix: Air Lab File ID: clmb010.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:31

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HC Lab Sample ID: 280-39902-10

Matrix: Air Lab File ID: clmb010.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:31

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6		2.5	0.099
75-45-6	Freon 22	86.47	0.89	J	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.17	U	1.0	0.070
106-97-8	n-Butane	58.12	1.2	J	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.12
76-13-1	Freon TF	187.38	0.61	J	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	2.1	J	12	0.95
67-63-0	Isopropyl alcohol	60.10	26		12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.28	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.5		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	0.76	J	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.41	J M	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	1.3	M	0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HC Lab Sample ID: 280-39902-10

Matrix: Air Lab File ID: clmb010.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:31

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.97		0.82	0.070
79-01-6	Trichloroethene	131.39	9.1		1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.94		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.70	J M	2.2	0.096
95-47-6	Xylene, o-	106.17	0.27	J M	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.97		0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	2.0		1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: 786VMP0102HC Lab Sample ID: 280-39902-10

Matrix: Air Lab File ID: clmb010.d

Analysis Method: TO-15 Date Collected: 03/06/2013 14:31

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-39902-10
Client Smp ID: 786VMP0102HC
Inj Date : 01-APR-2013 16:47
Operator : wrd Inst ID: C.i
Smp Info : 280-39902-A-10
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.334)	34139	0.53448	0.53
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	7200	0.25257	0.25(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	4.382	4.376	(0.396)	9155	0.48773	0.49(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	13681	0.23923	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.125	7.125	(0.643)	2622	0.07911	0.079(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.338	7.333	(0.663)	13435	0.90450	0.90(aQ)
21 Carbon disulfide	76	Compound Not Detected.					

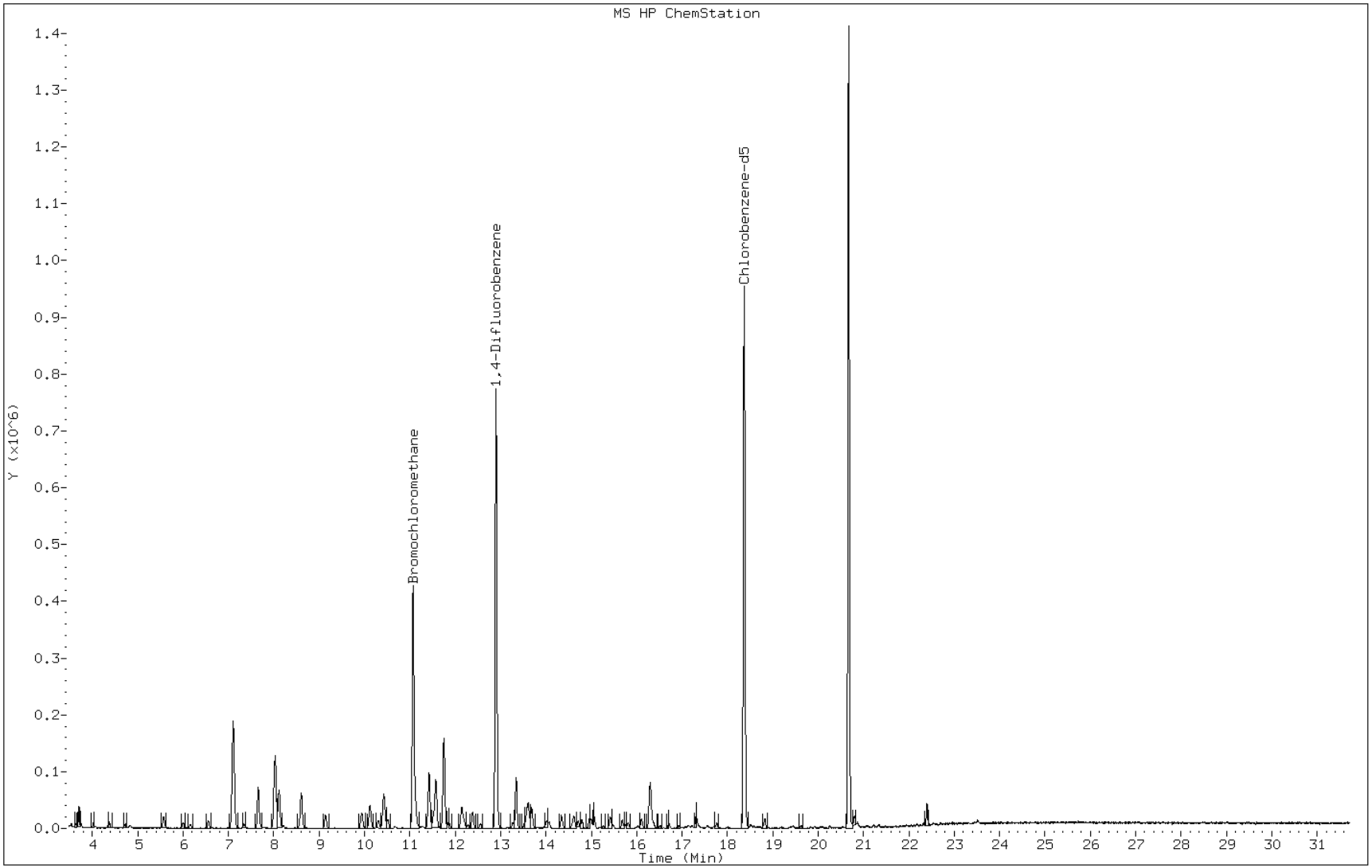
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	7.658	7.658	(0.692)	125112	10.6493	11
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.137	9.142	(0.825)	15181	0.72157	0.72
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.674	10.668	(0.964)	1599	0.25748	0.26(aQ)
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	162724	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	11.757	11.763	(0.911)	3312	0.06502	0.065(aM)
	43 2,2,4-Trimethylpentane	57	12.200	12.195	(0.946)	17708	0.27692	0.28(M)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.558	12.552	(0.974)	4730	0.23771	0.24(Q)
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	874390	10.0000	
	49 Trichloroethene	95	13.337	13.342	(1.034)	43857	1.68918	1.7
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	15.685	15.685	(0.854)	9423	0.24956	0.25
	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	18.370	18.375	(1.000)	837696	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	18.834	18.834	(1.025)	4875	0.16034	0.16(aQM)
M	70 Xylenes, Total	106				6764	0.22347	0.22
	71 Xylene (o)	106	19.629	19.629	(1.069)	1889	0.06313	0.063(aM)
	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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	18414	0.33823	0.34(Q)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	clmb010.d	Date:	01-APR-2013 16:47
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Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-39902-A-10		
Lab Sample ID:	280-39902-10		



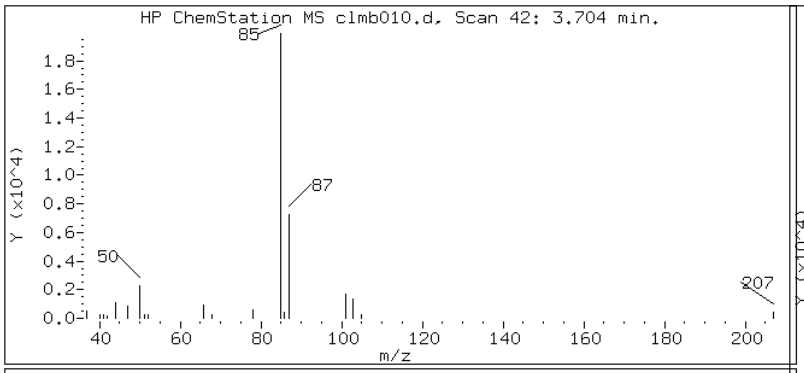
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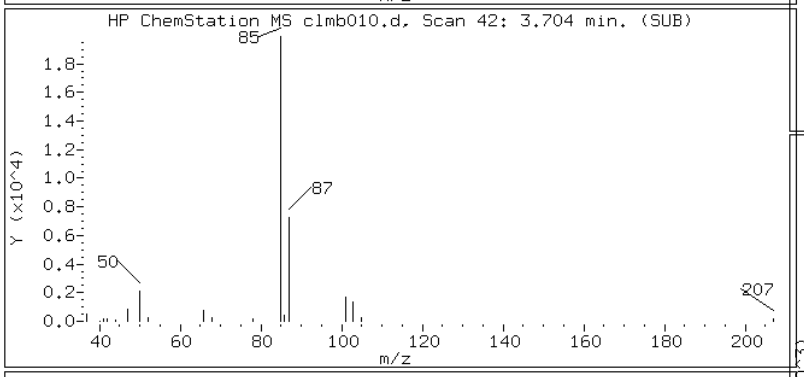
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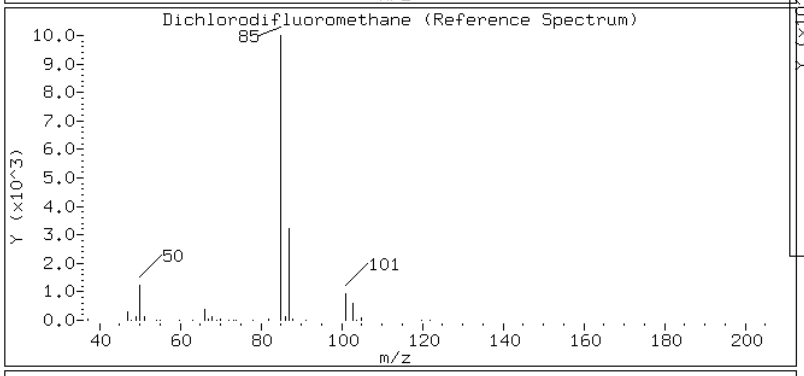
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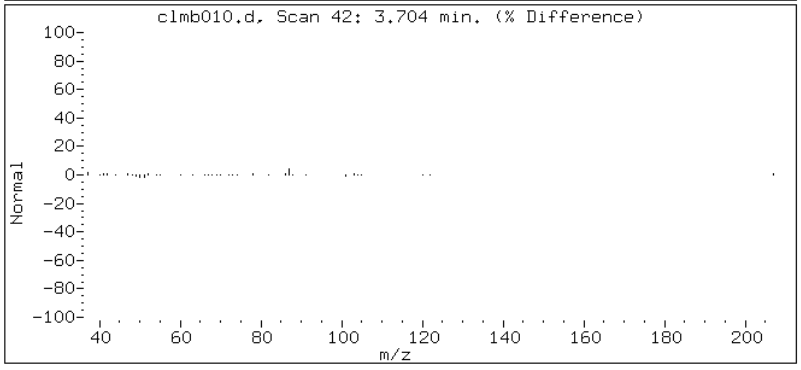
Sample Info: 280-39902-A-10 Operator: wrd

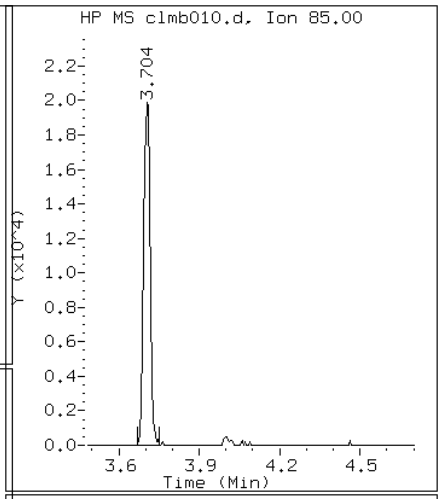
2 Dichlorodifluoromethane

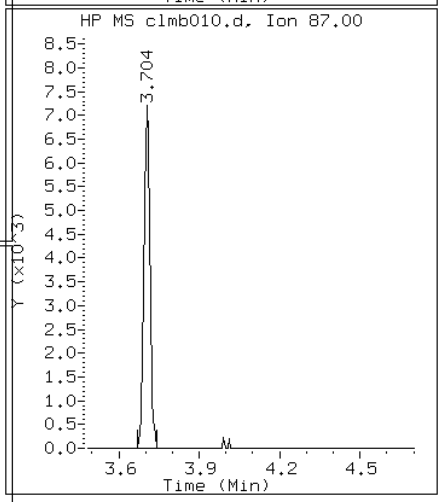












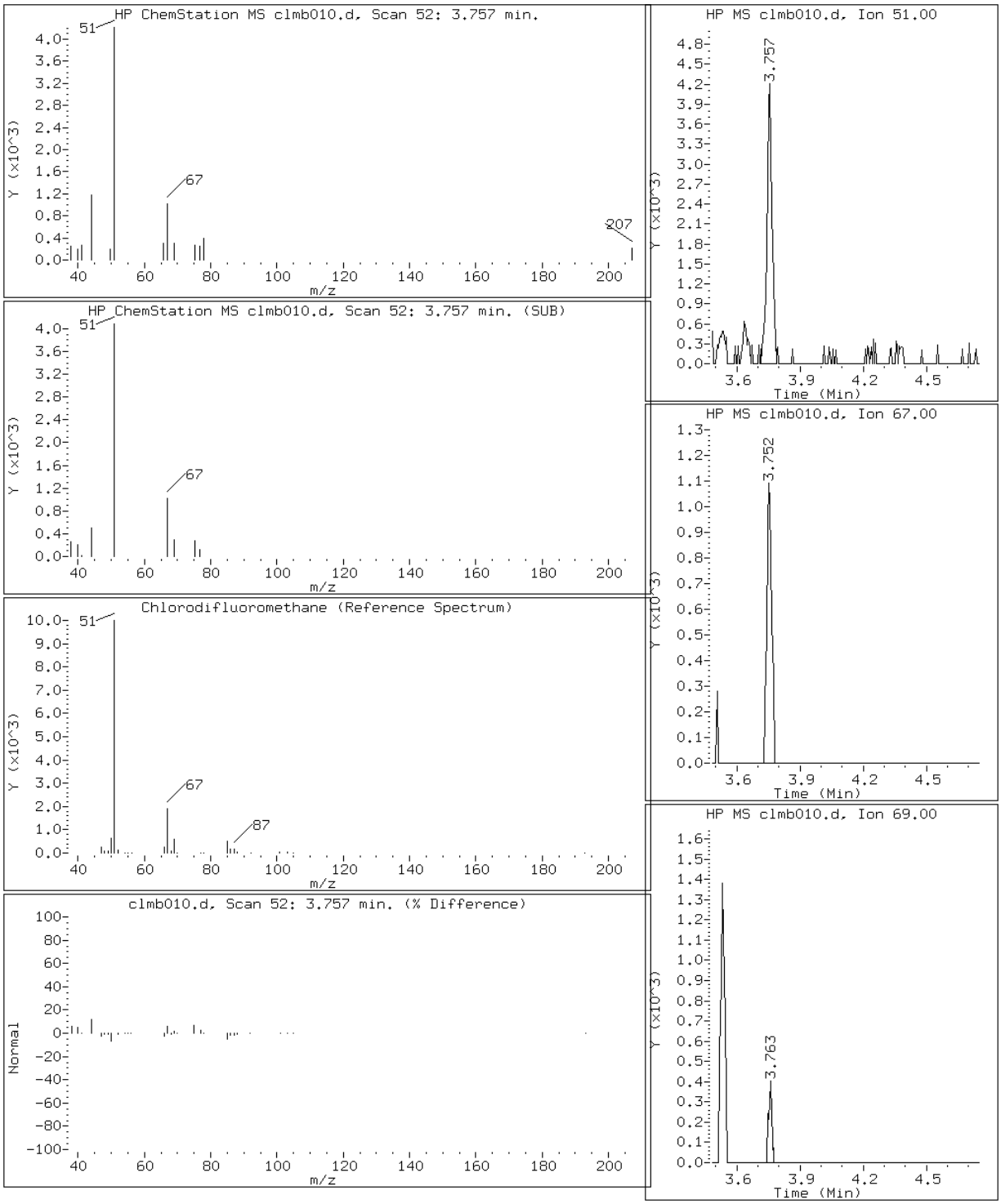
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Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

3 Chlorodifluoromethane



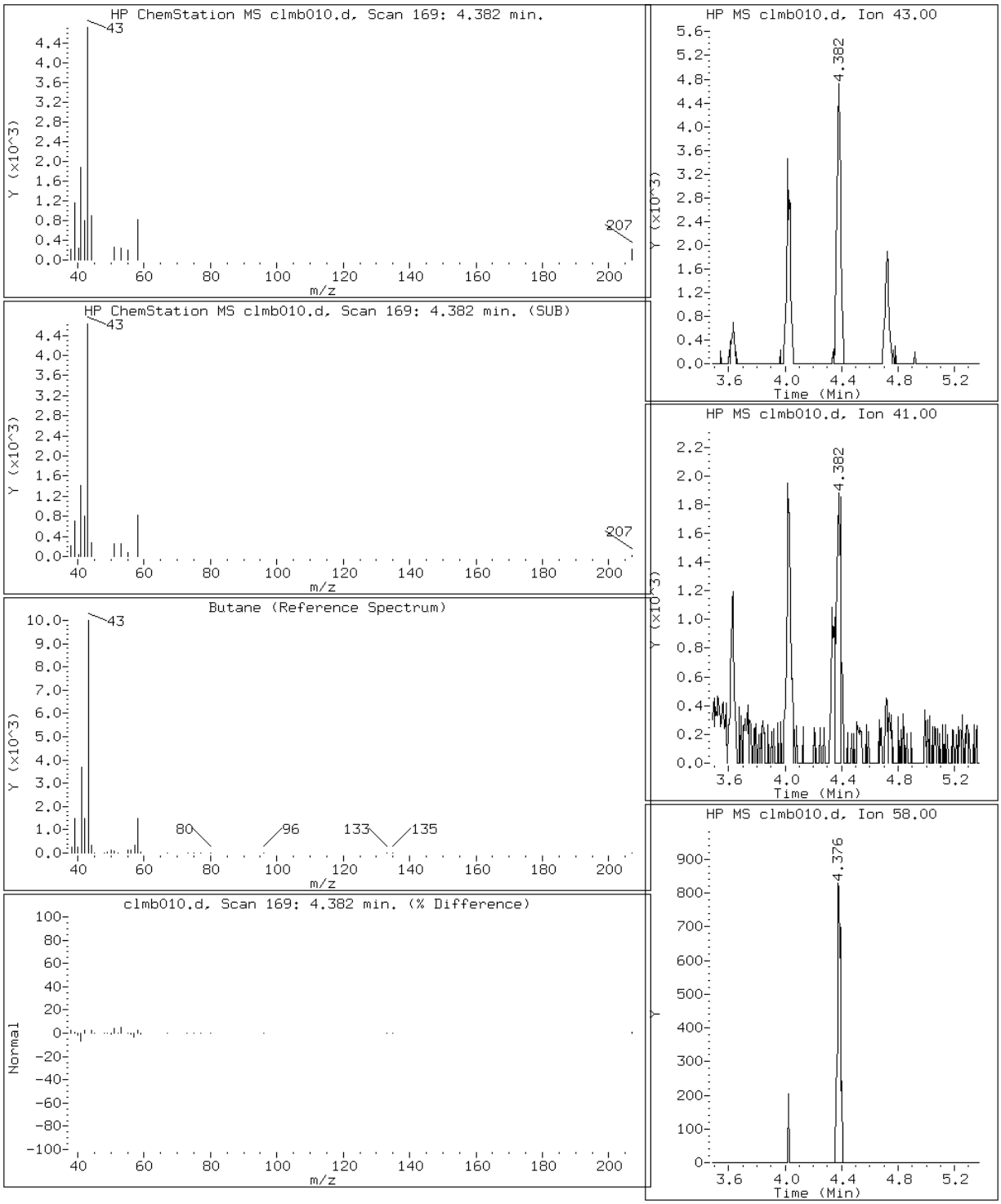
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Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

6 Butane



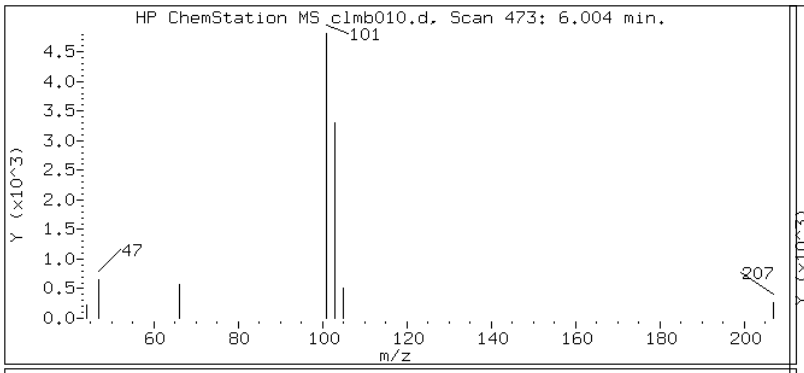
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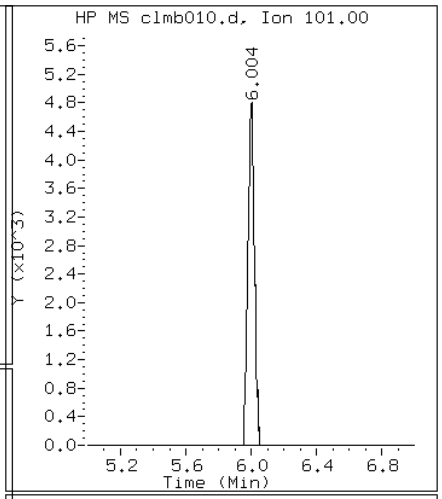
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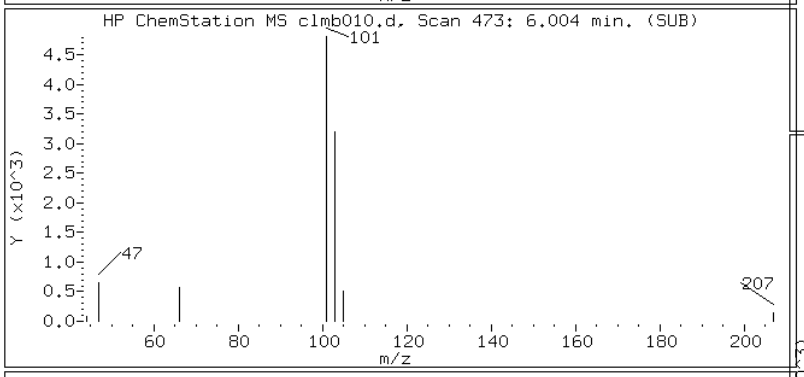
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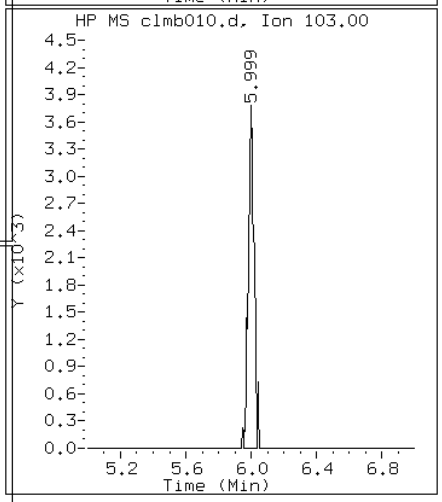
Sample Info: 280-39902-A-10 Operator: wrd

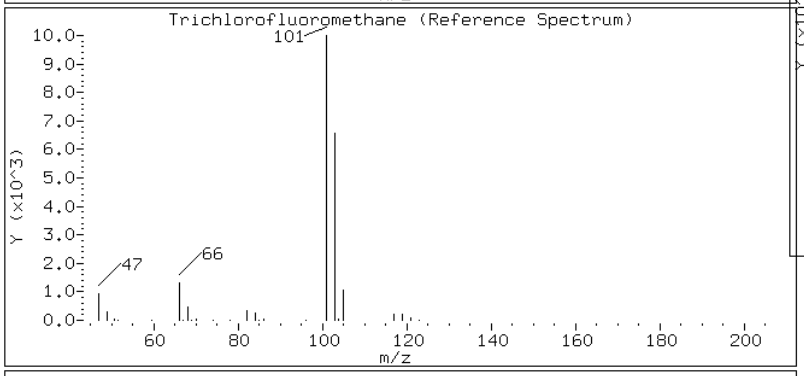
13 Trichlorofluoromethane

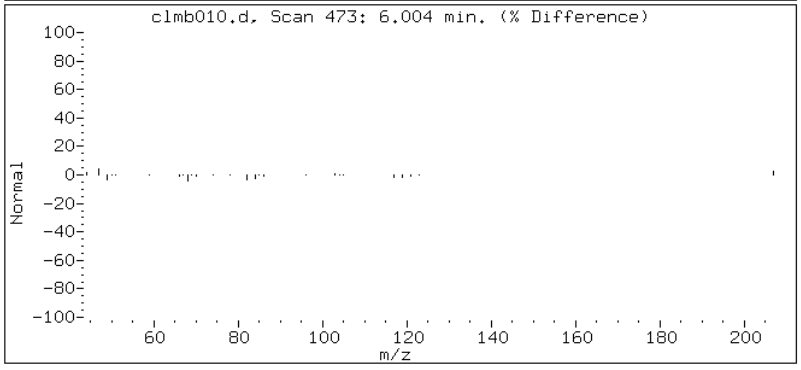












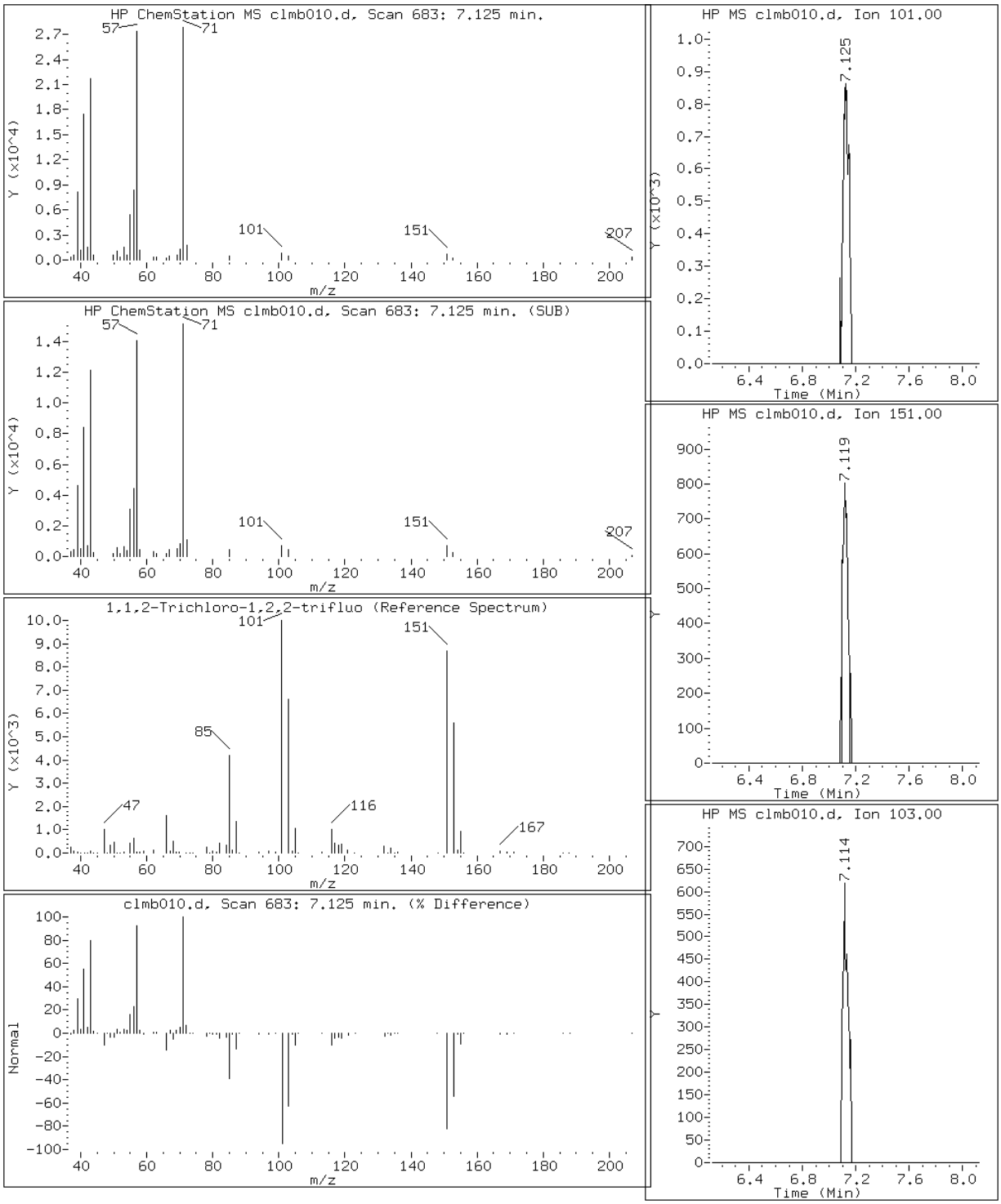
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Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

17 1,1,2-Trichloro-1,2,2-trifluo



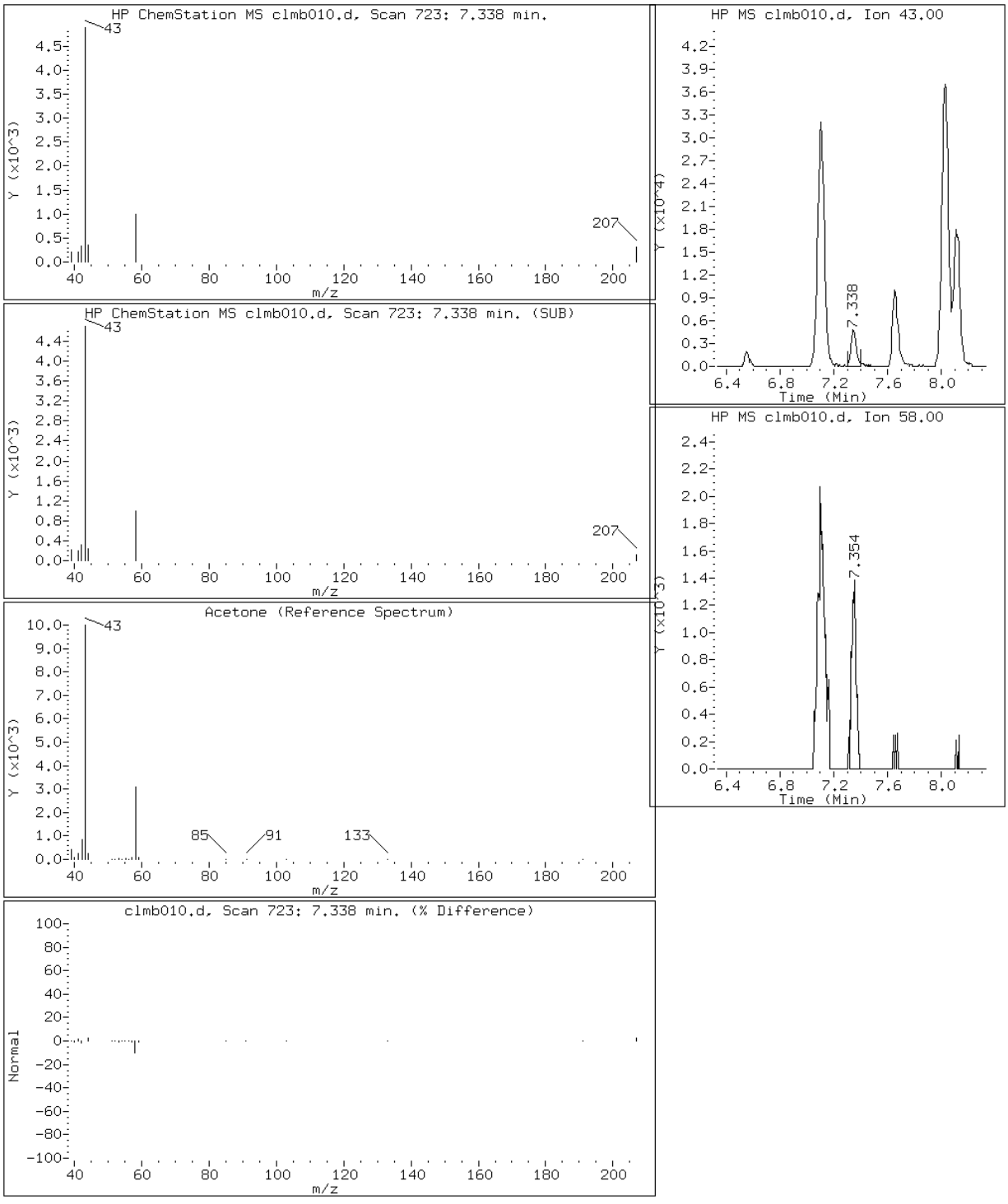
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Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

20 Acetone



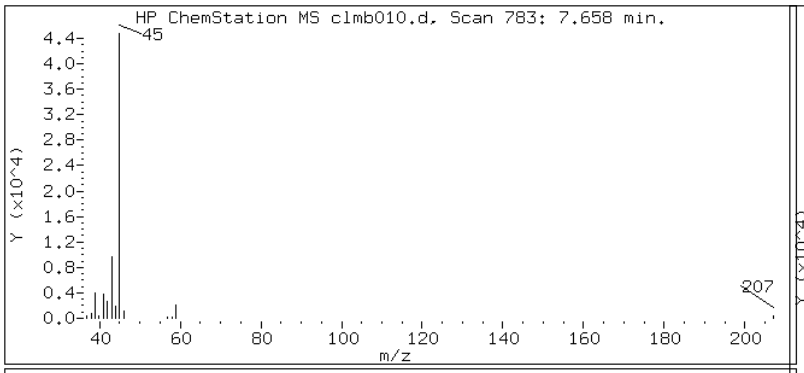
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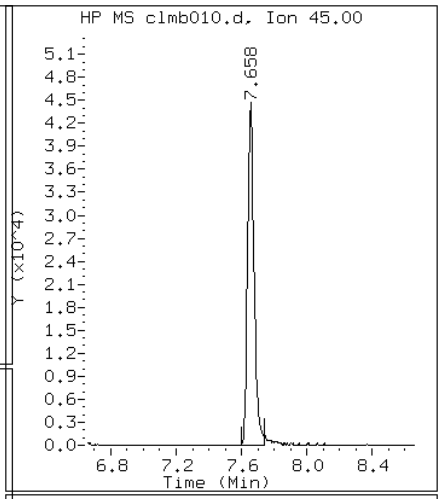
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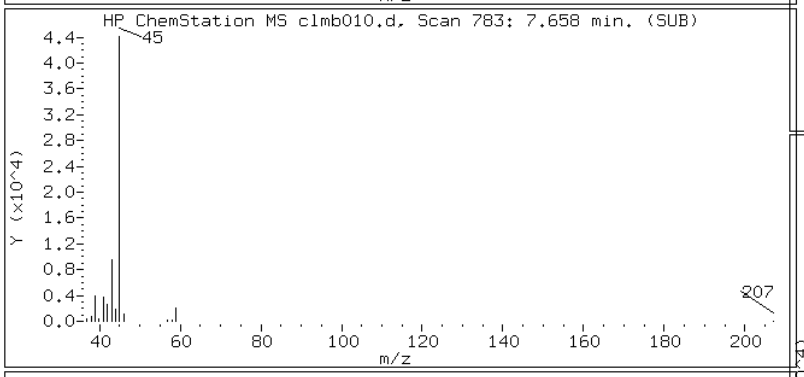
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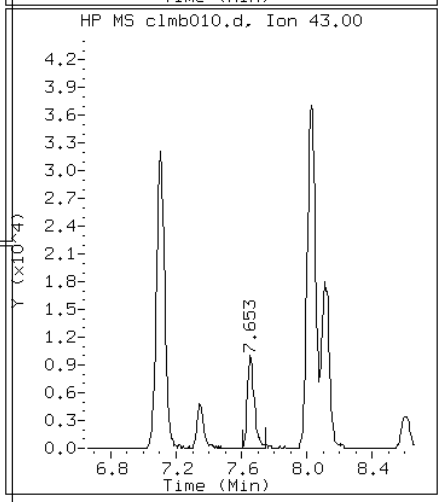
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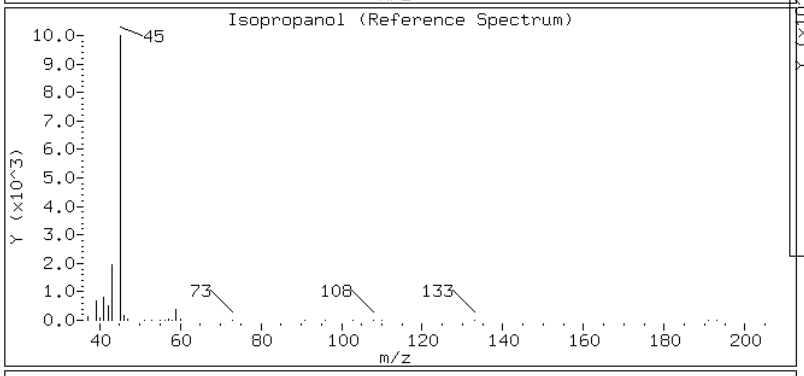
22 Isopropanol

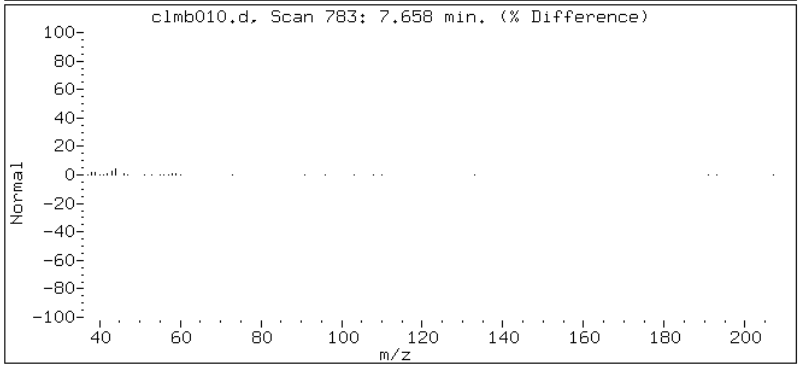












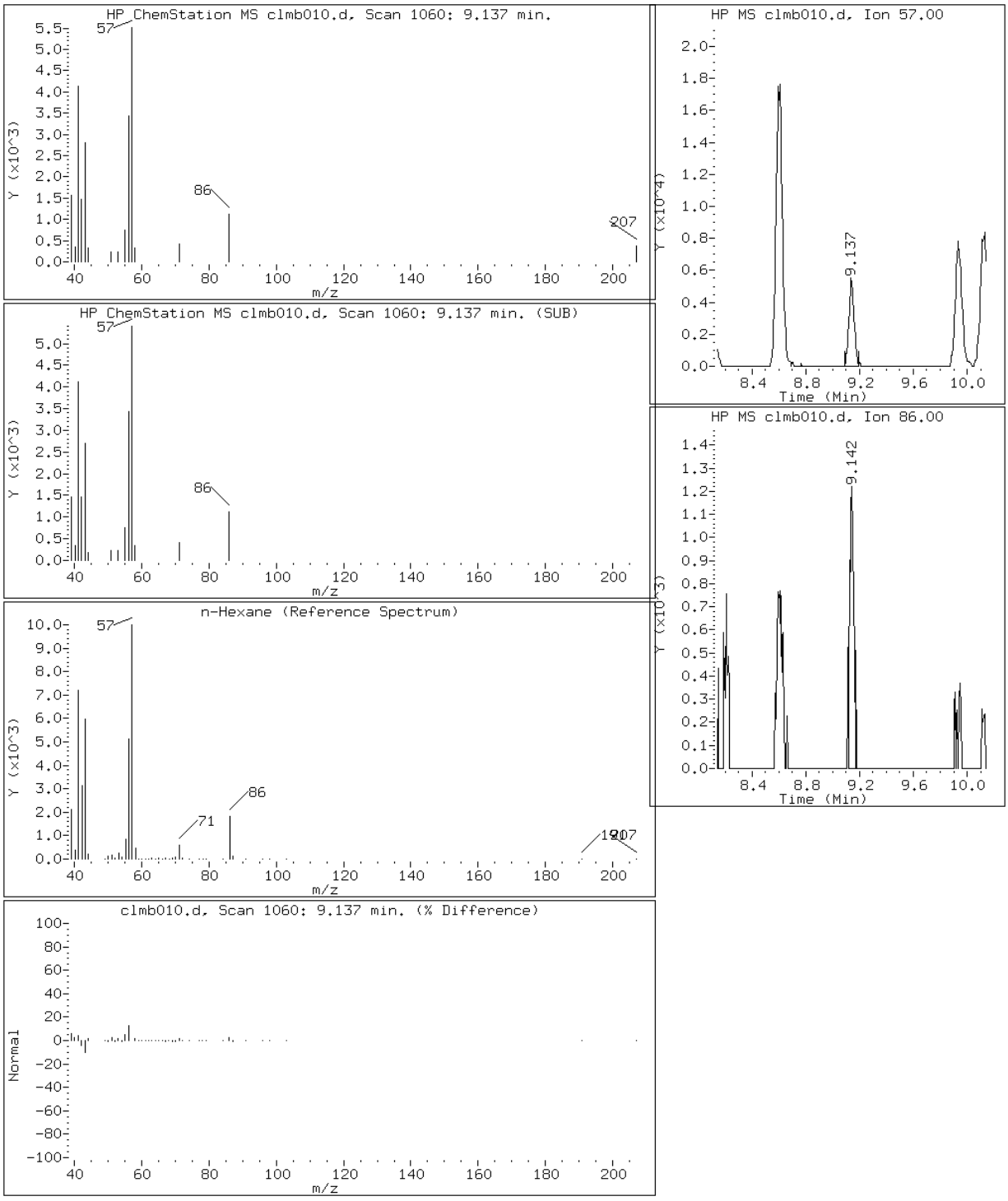
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Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

30 n-Hexane



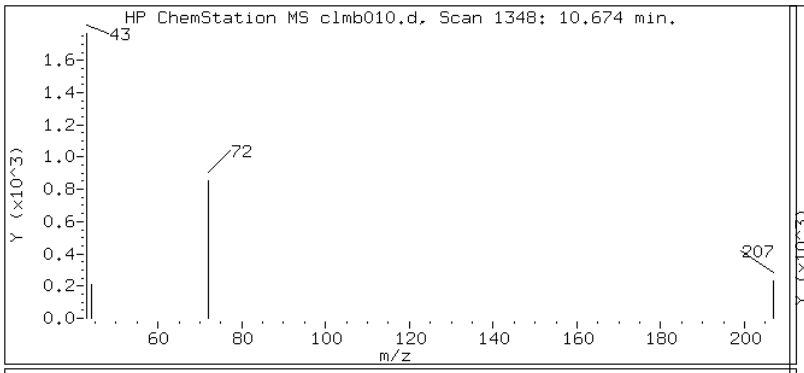
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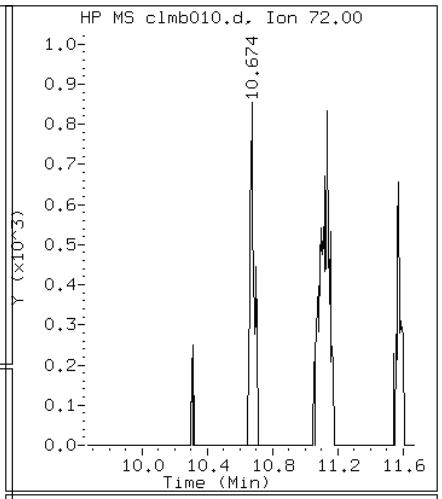
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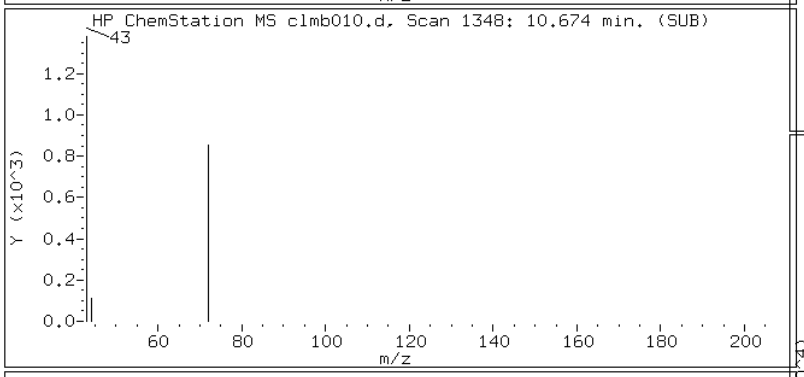
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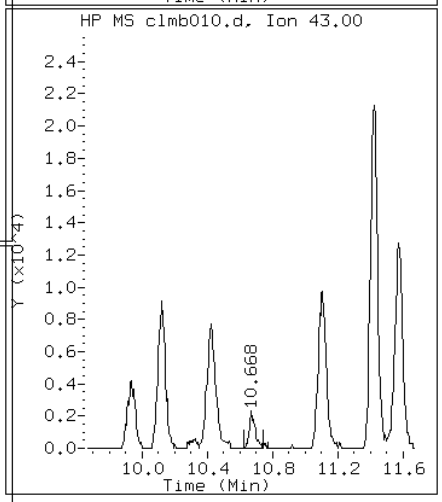
Sample Info: 280-39902-A-10 Operator: wrd

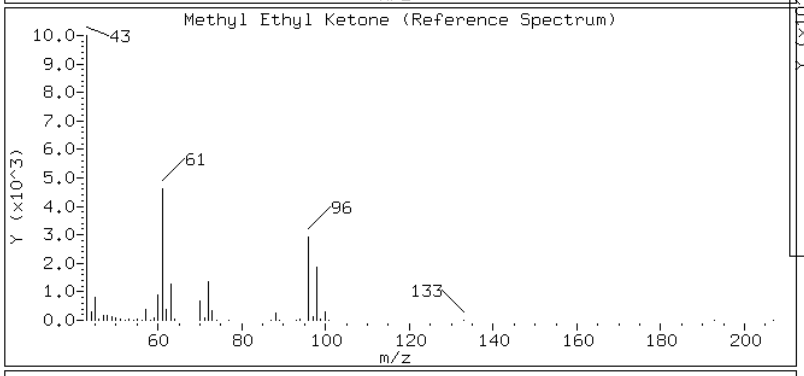
36 Methyl Ethyl Ketone

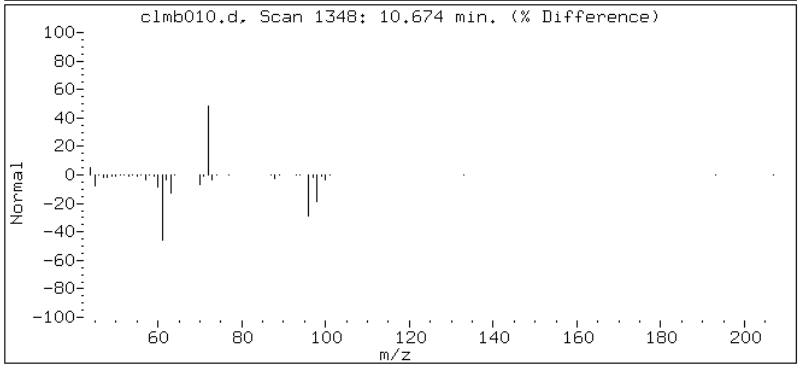












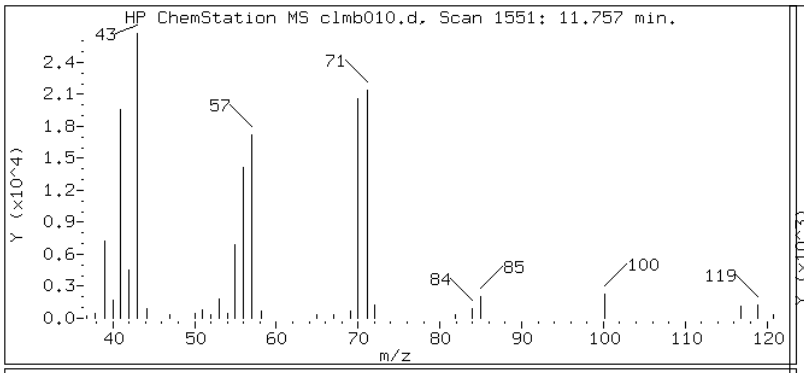
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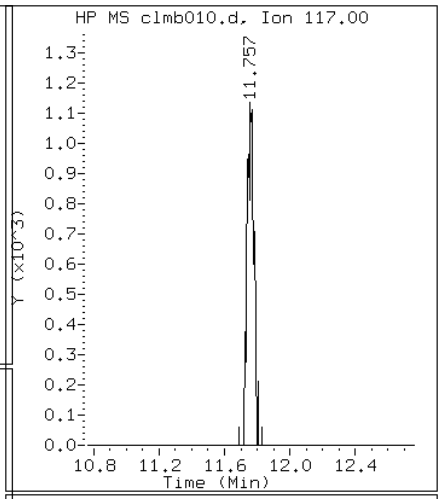
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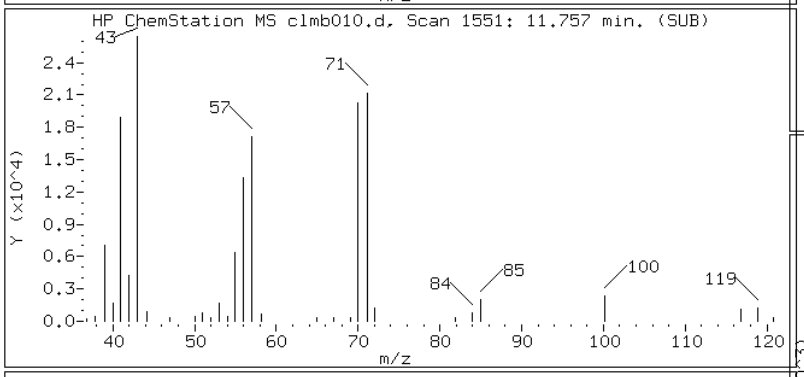
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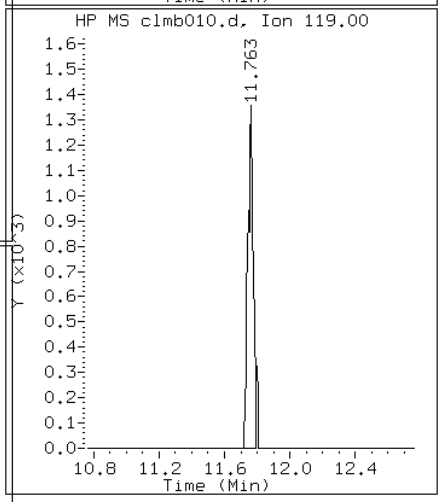
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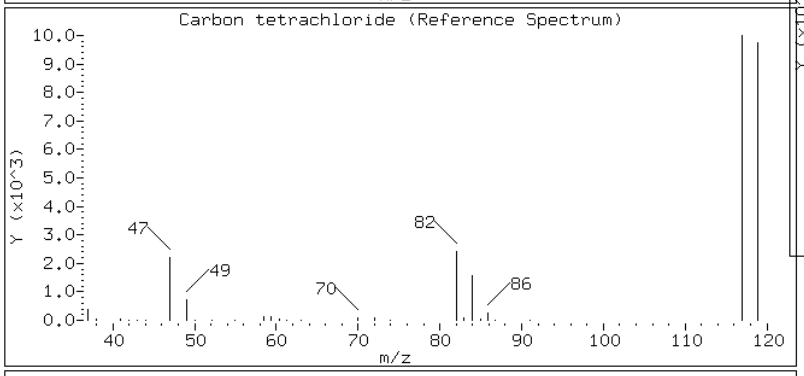
42 Carbon tetrachloride

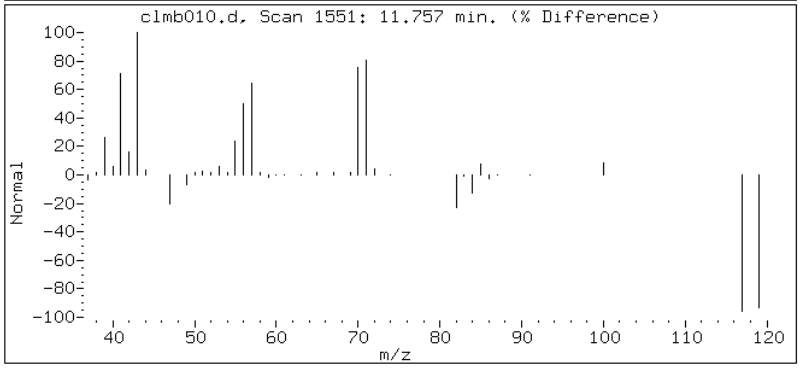












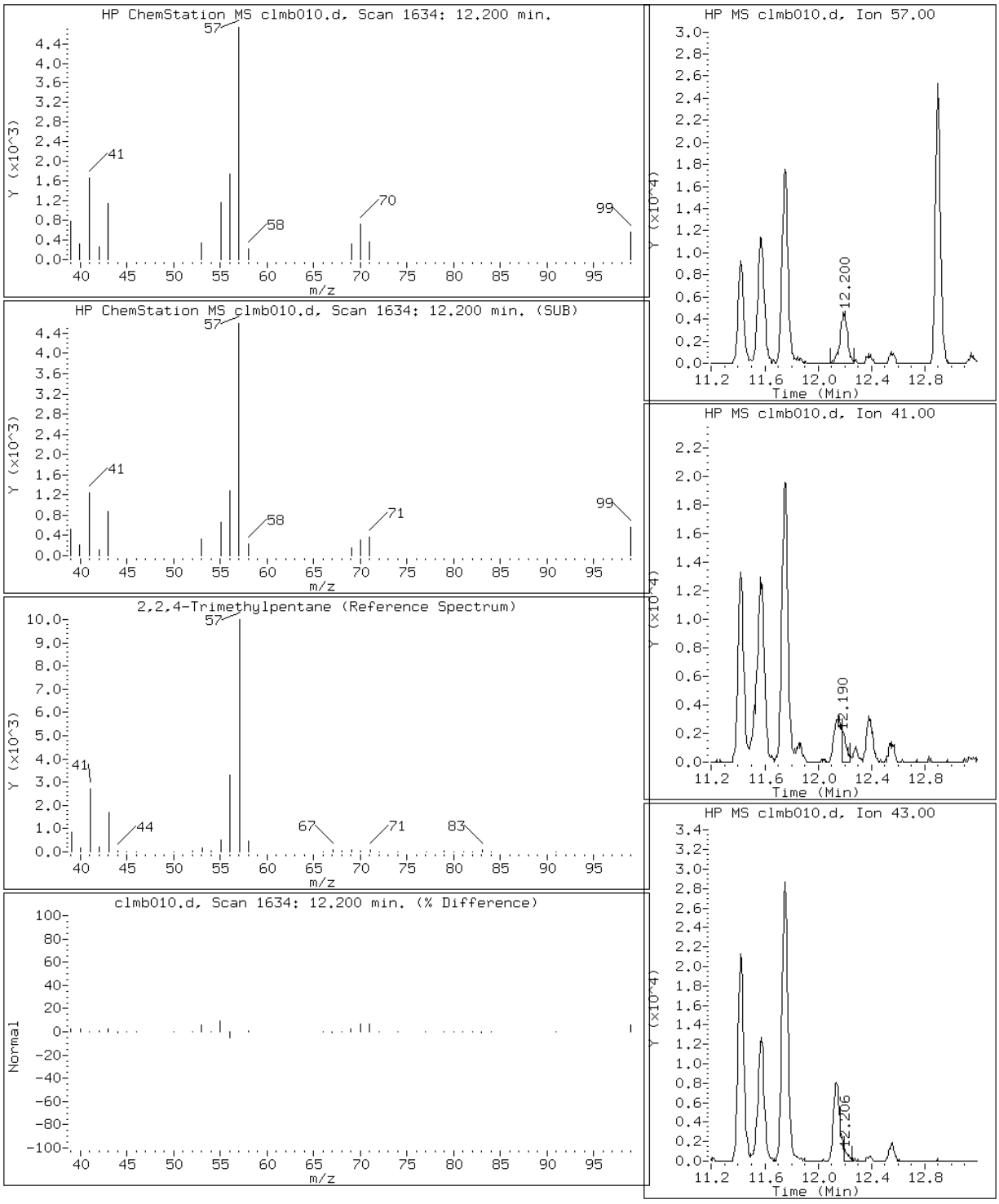
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Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

43 2,2,4-Trimethylpentane



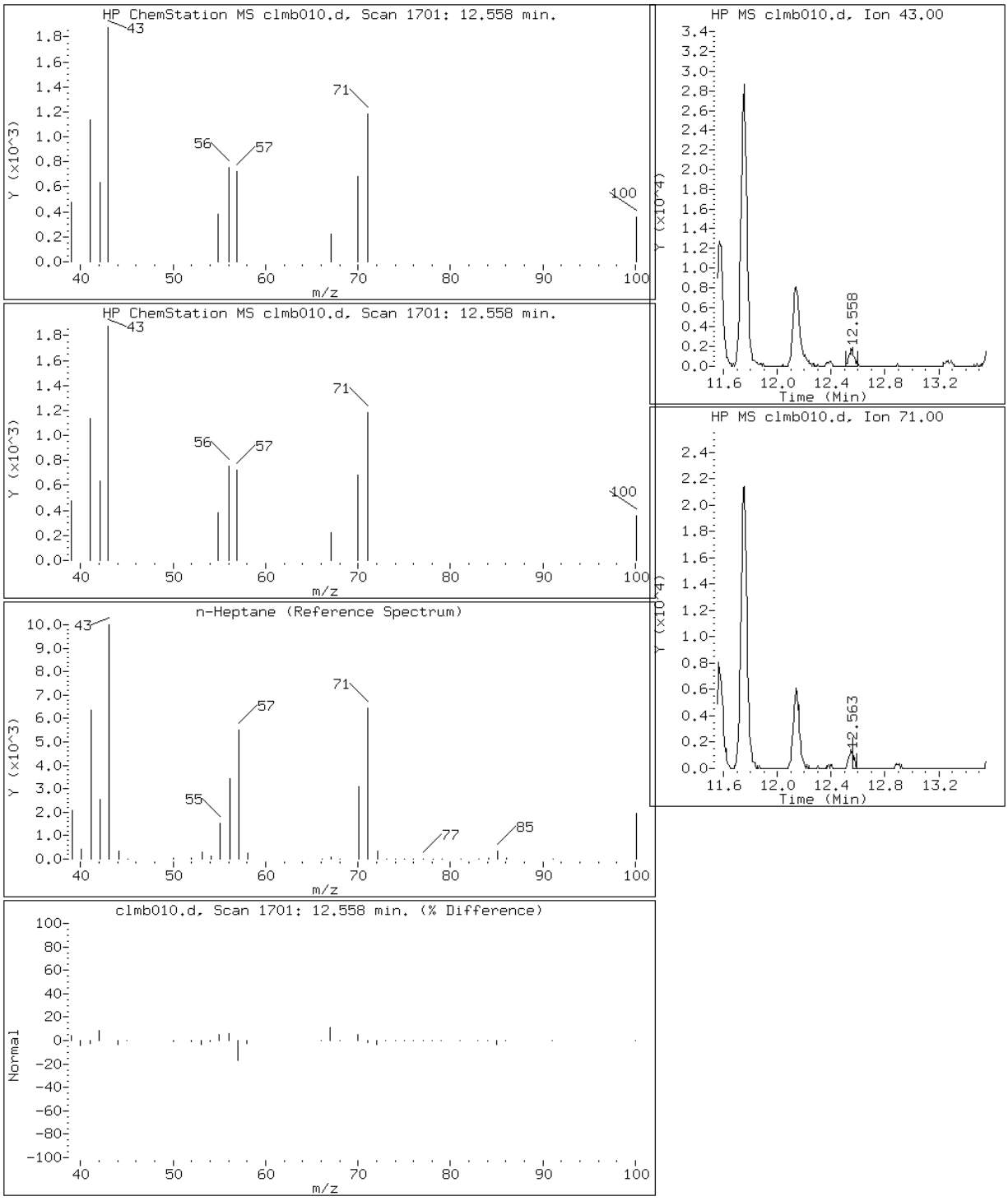
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Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

46 n-Heptane



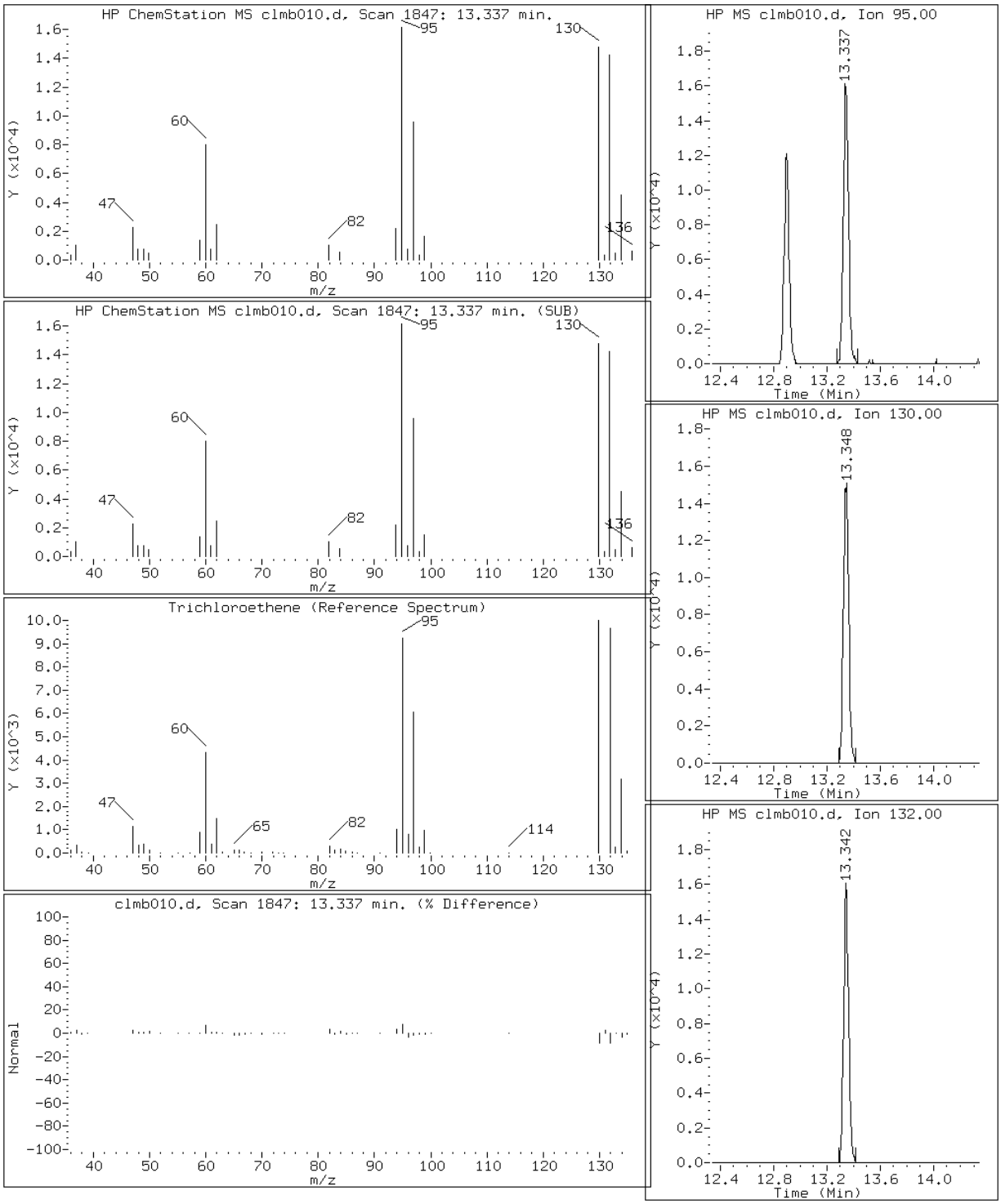
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Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

49 Trichloroethene



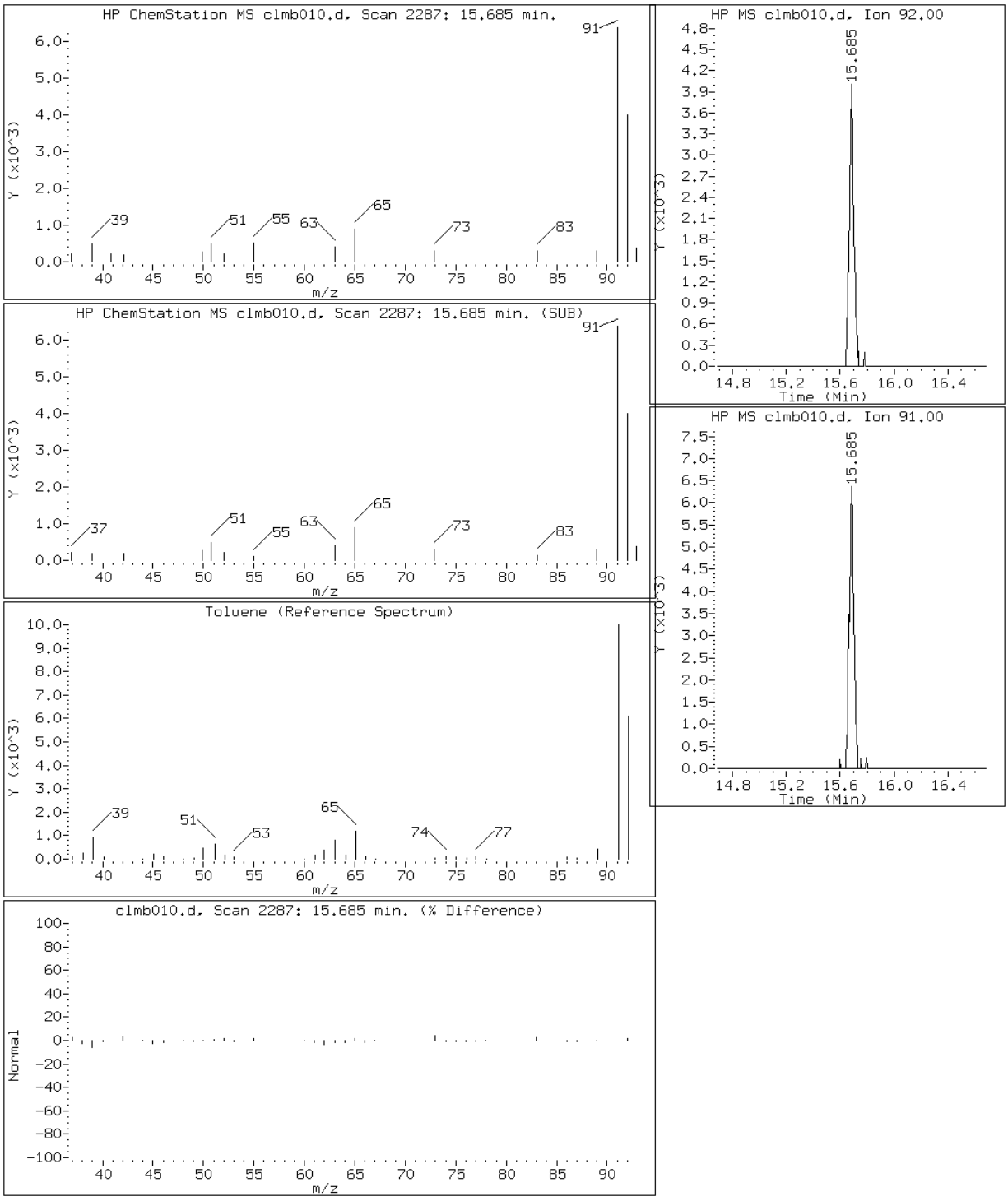
Data File: clmb010.d

Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

58 Toluene



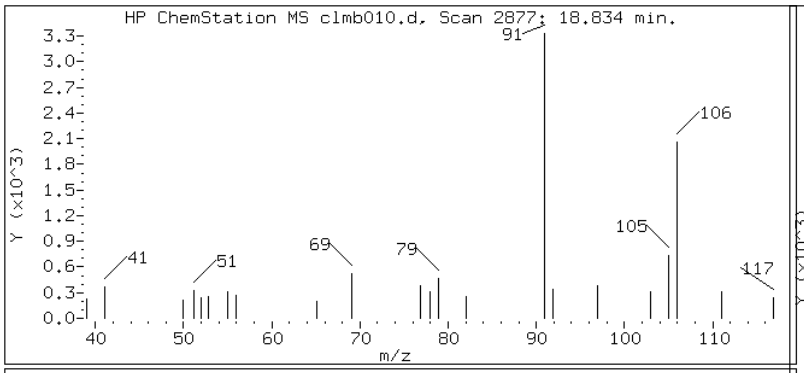
Data File: clmb010.d

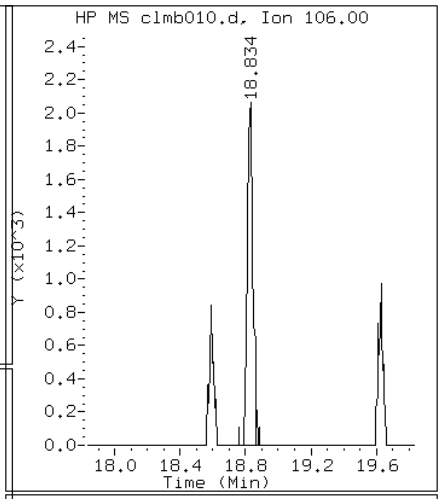
Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

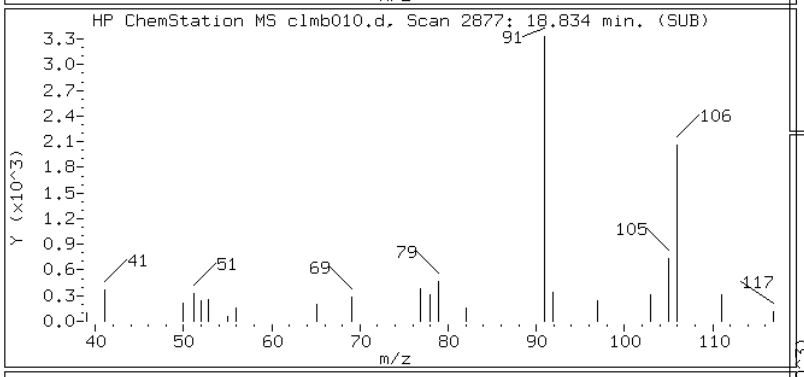
Client ID: 786VMP0102HC Instrument: C.i

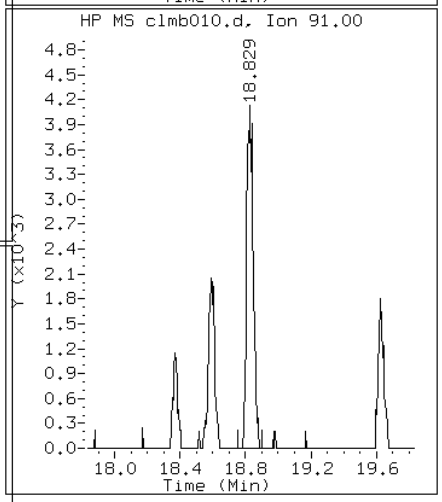
Sample Info: 280-39902-A-10 Operator: wrd

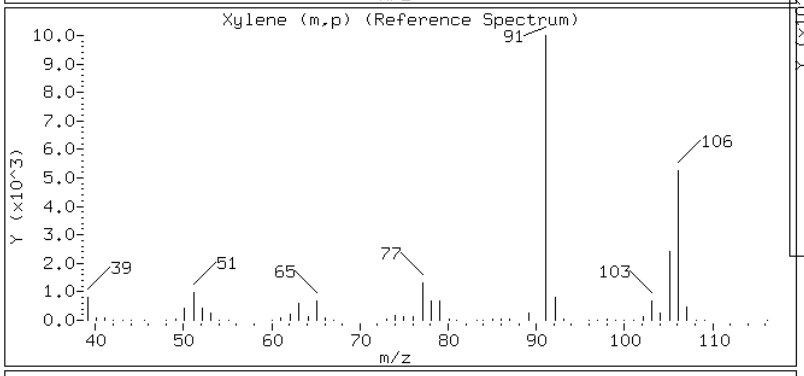
69 Xylene (m,p)

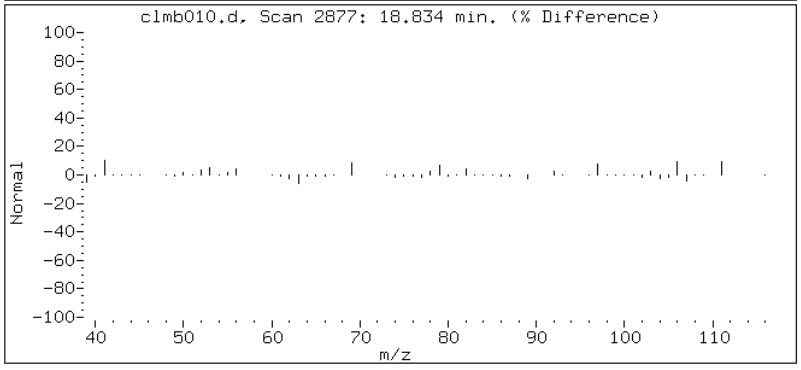












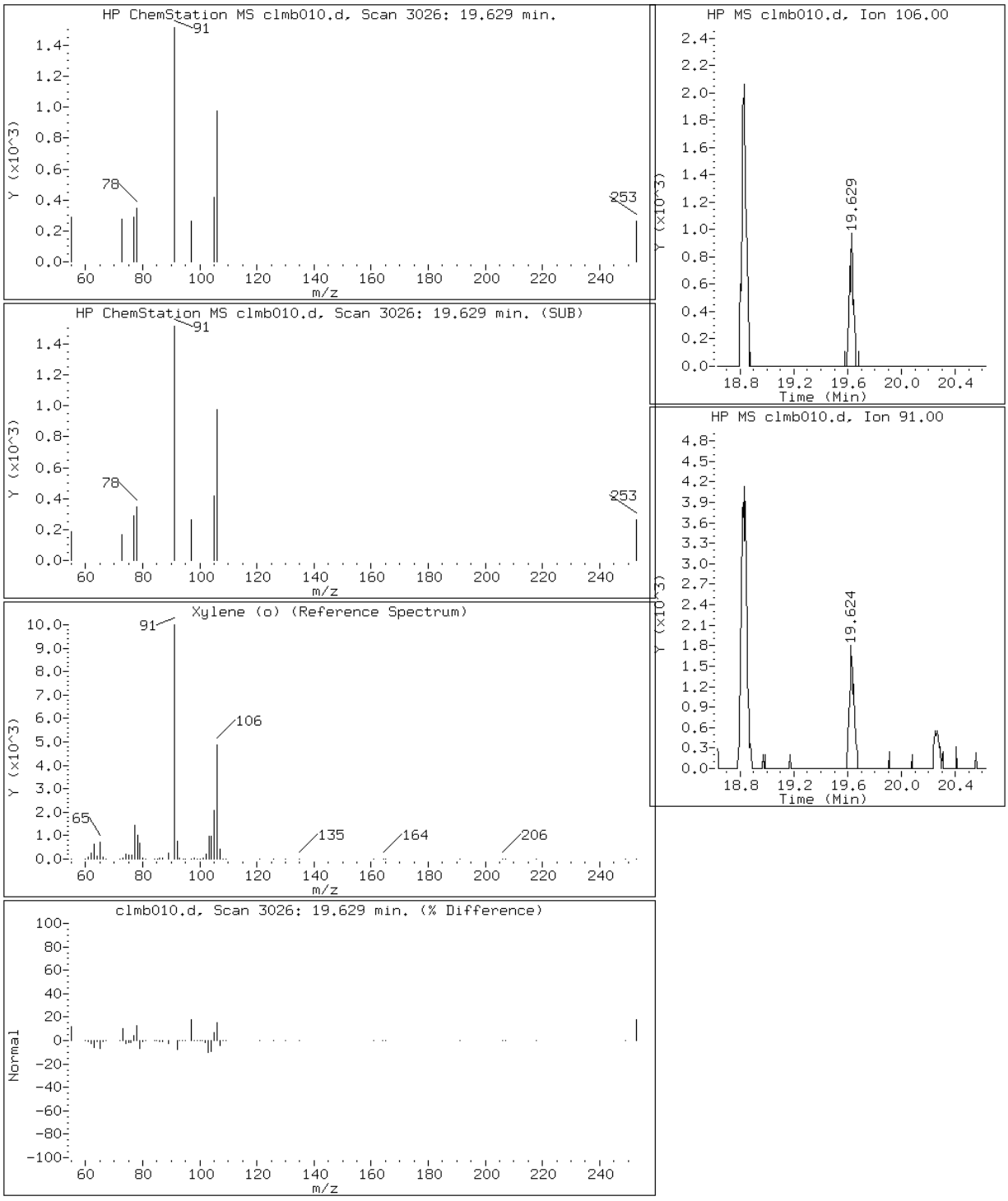
Data File: clmb010.d

Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

71 Xylene (o)



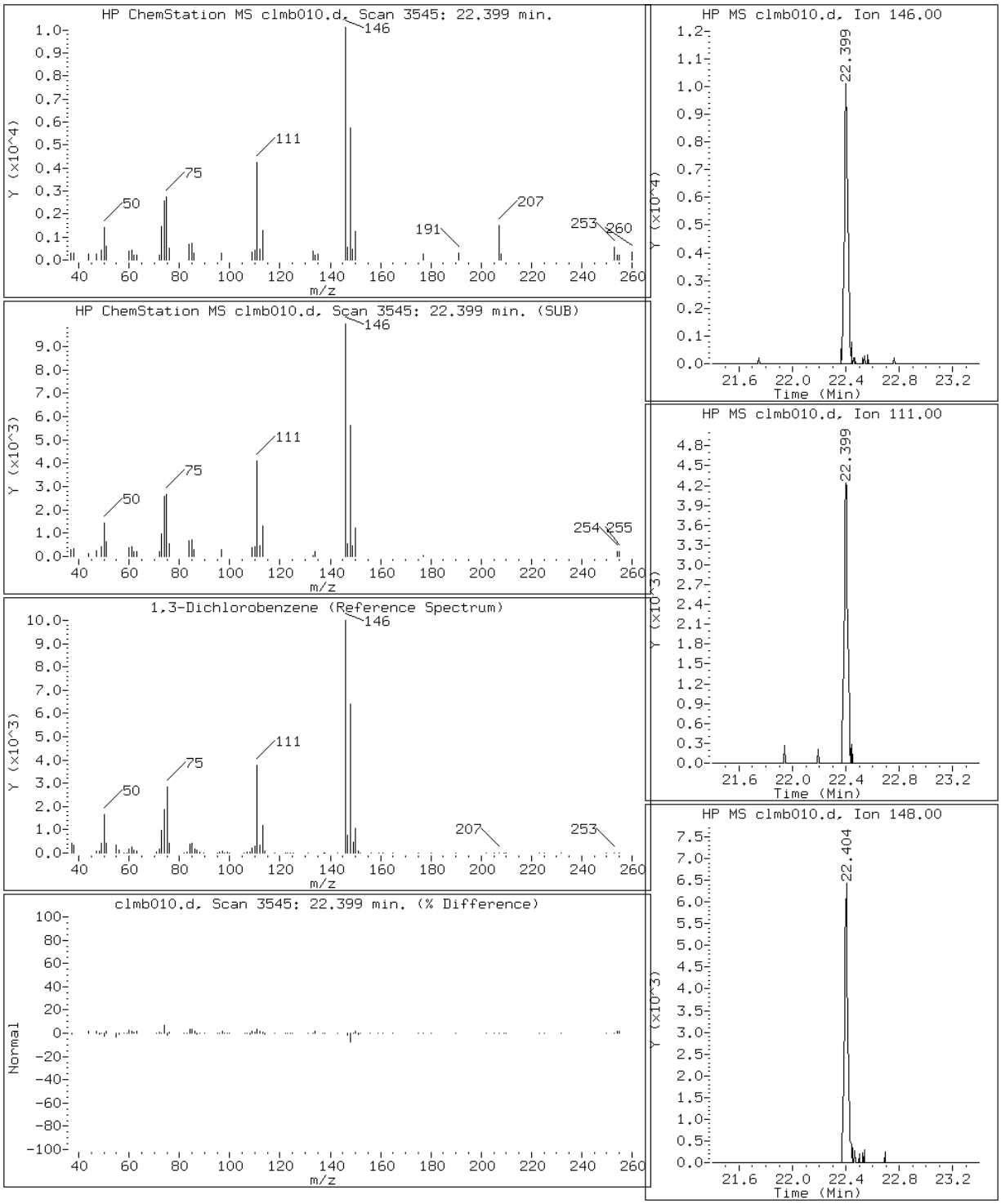
Data File: clmb010.d

Lab Sample ID: 280-39902-10 Date: 01-APR-2013 16:47

Client ID: 786VMP0102HC Instrument: C.i

Sample Info: 280-39902-A-10 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: clmb010.d
Lab Sample ID: 280-39902-10
Inj. Date and Time: 01-APR-2013 16:47
Instrument ID: C.i
Client ID: 786VMP0102HC
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 04/02/2013

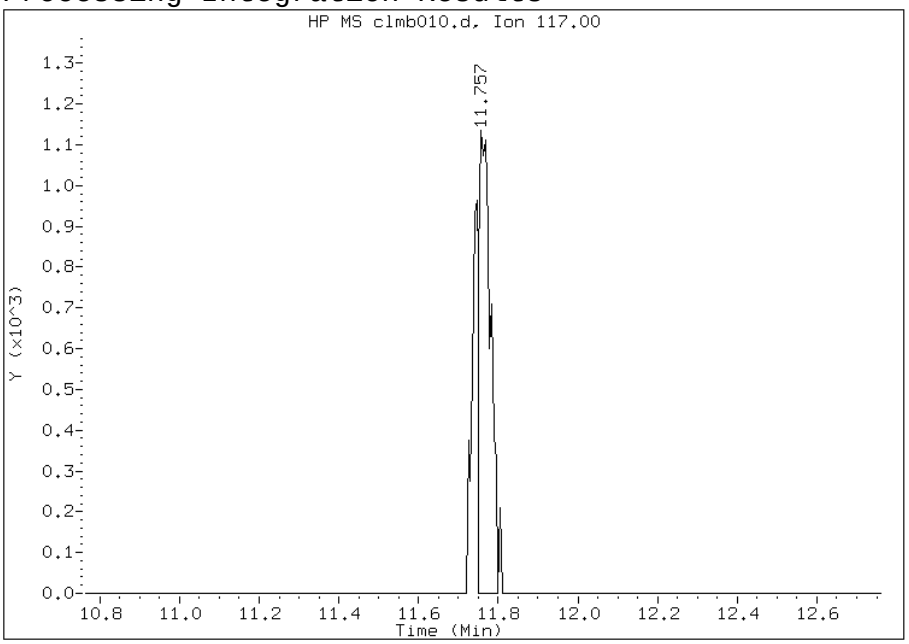
Processing Integration Results

RT: 11.76

Response: 2257

Amount: 0.044307

Conc: 0.044307



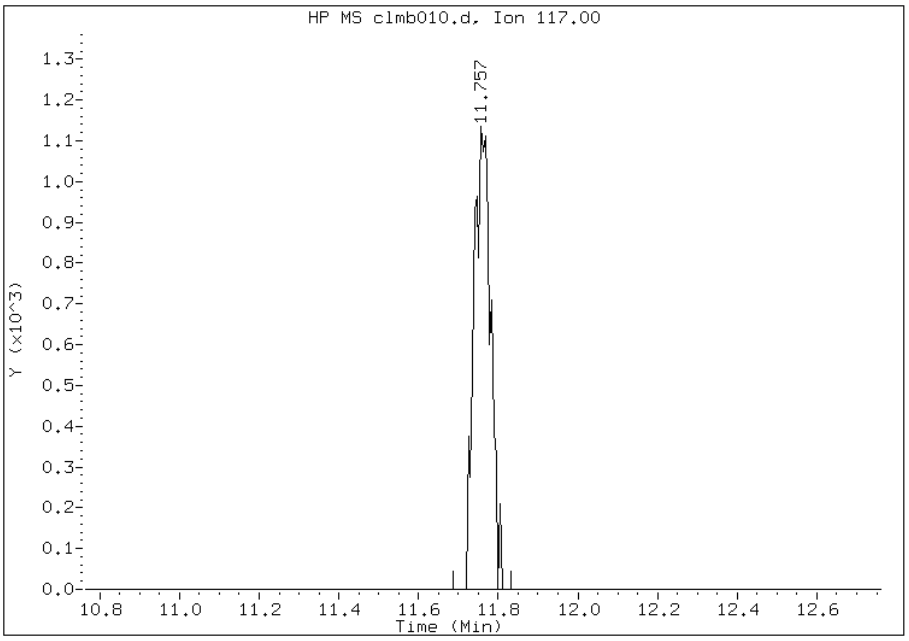
Manual Integration Results

RT: 11.76

Response: 3312

Amount: 0.065017

Conc: 0.065017



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb010.d
Lab Sample ID: 280-39902-10
Inj. Date and Time: 01-APR-2013 16:47
Instrument ID: C.i
Client ID: 786VMP0102HC
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 04/02/2013

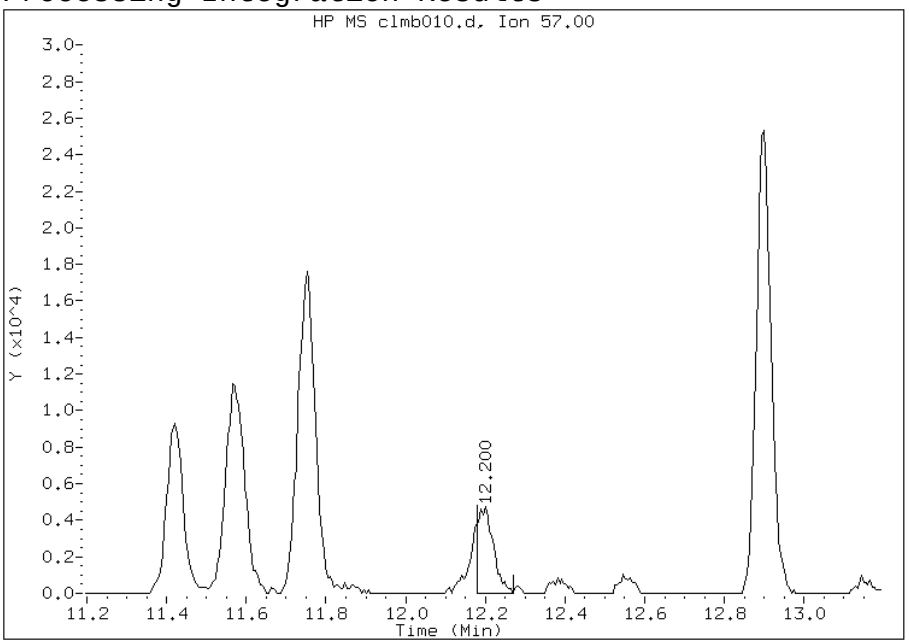
Processing Integration Results

RT: 12.20

Response: 12981

Amount: 0.202997

Conc: 0.202997



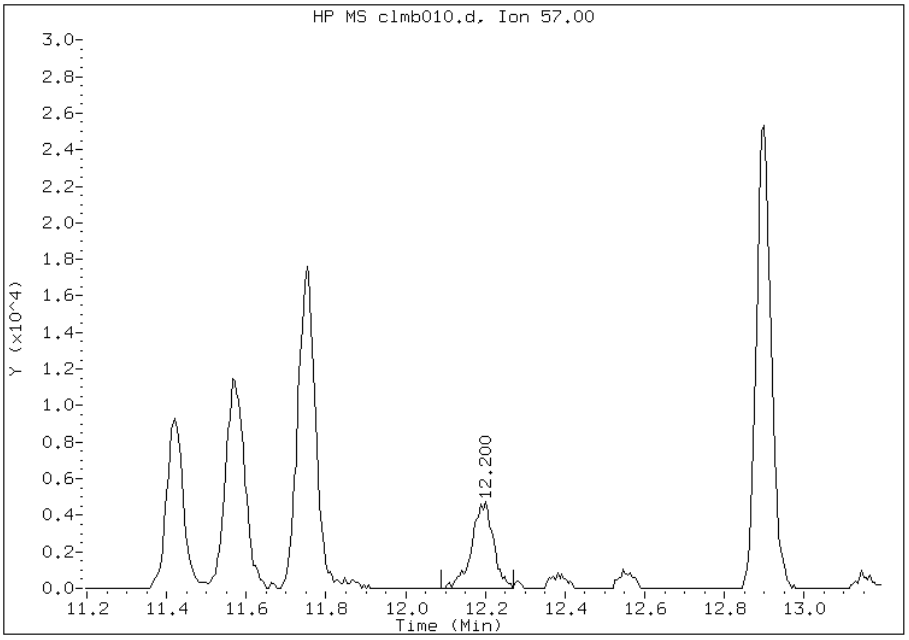
Manual Integration Results

RT: 12.20

Response: 17708

Amount: 0.276919

Conc: 0.276919



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb010.d
Lab Sample ID: 280-39902-10
Inj. Date and Time: 01-APR-2013 16:47
Instrument ID: C.i
Client ID: 786VMP0102HC
Compound: 69 Xylene (m,p)
CAS #: 179601-23-1
Report Date: 04/02/2013

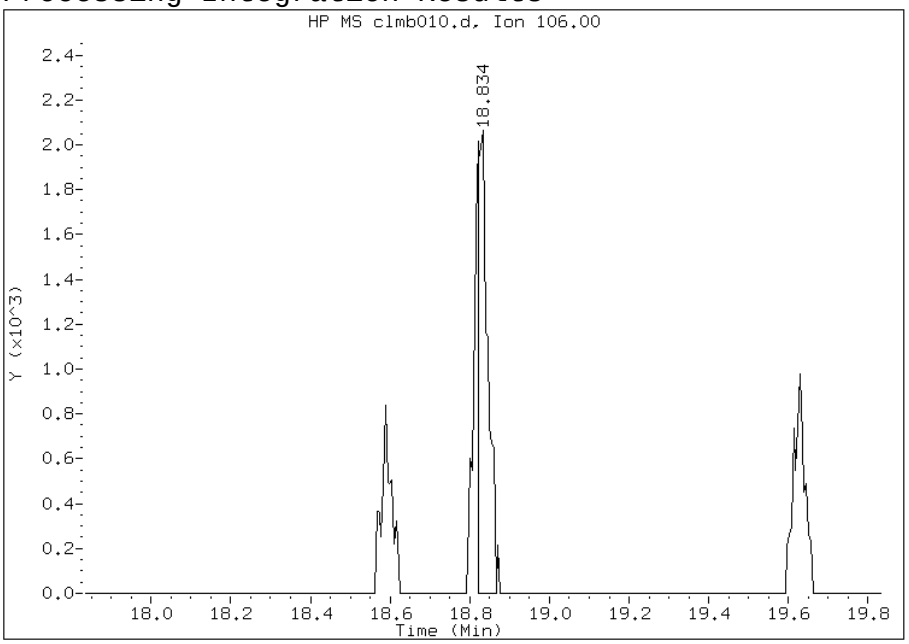
Processing Integration Results

RT: 18.83

Response: 3317

Amount: 0.109097

Conc: 0.109097



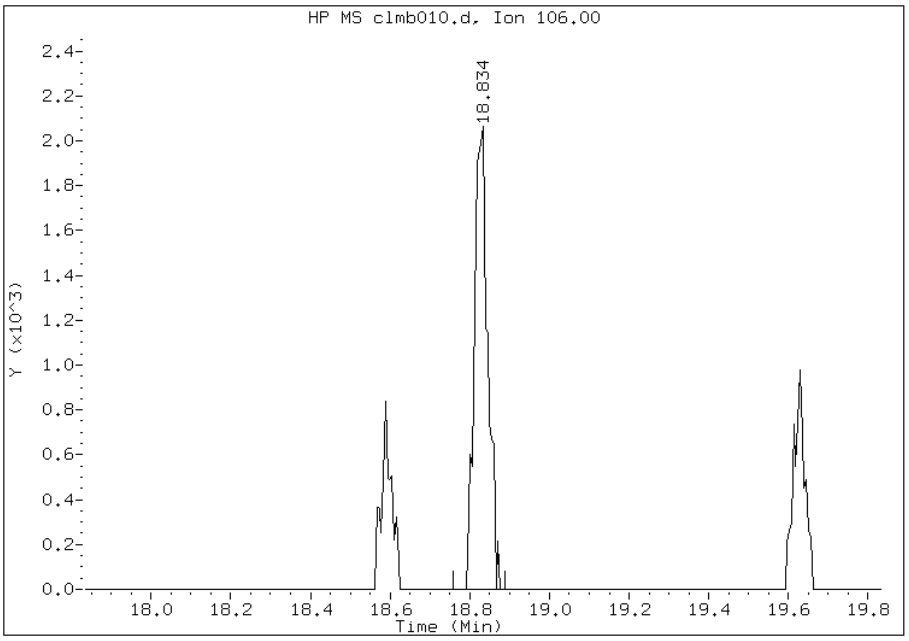
Manual Integration Results

RT: 18.83

Response: 4875

Amount: 0.160341

Conc: 0.160341



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb010.d
Lab Sample ID: 280-39902-10
Inj. Date and Time: 01-APR-2013 16:47
Instrument ID: C.i
Client ID: 786VMP0102HC
Compound: 71 Xylene (o)
CAS #: 95-47-6
Report Date: 04/02/2013

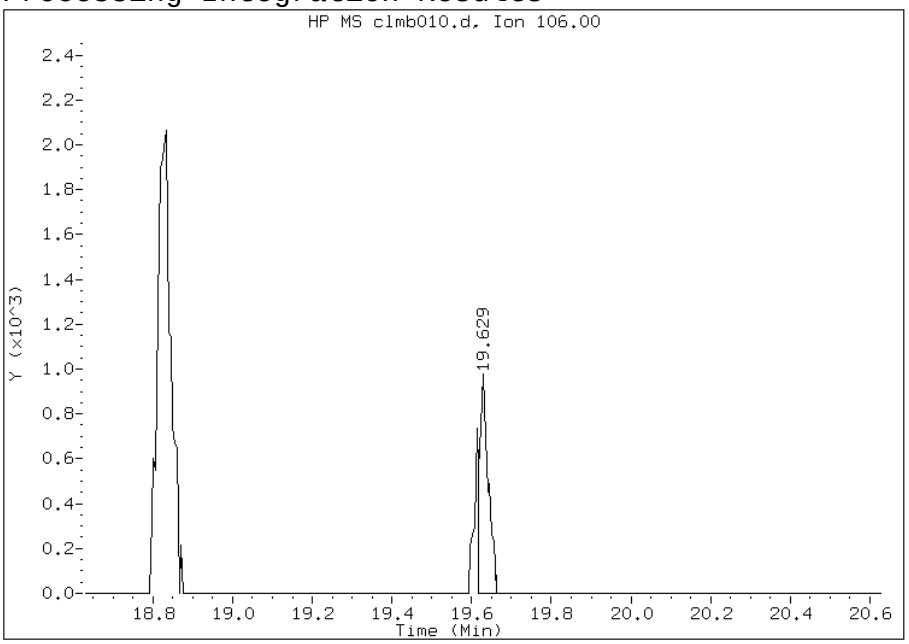
Processing Integration Results

RT: 19.63

Response: 1407

Amount: 0.047020

Conc: 0.047020



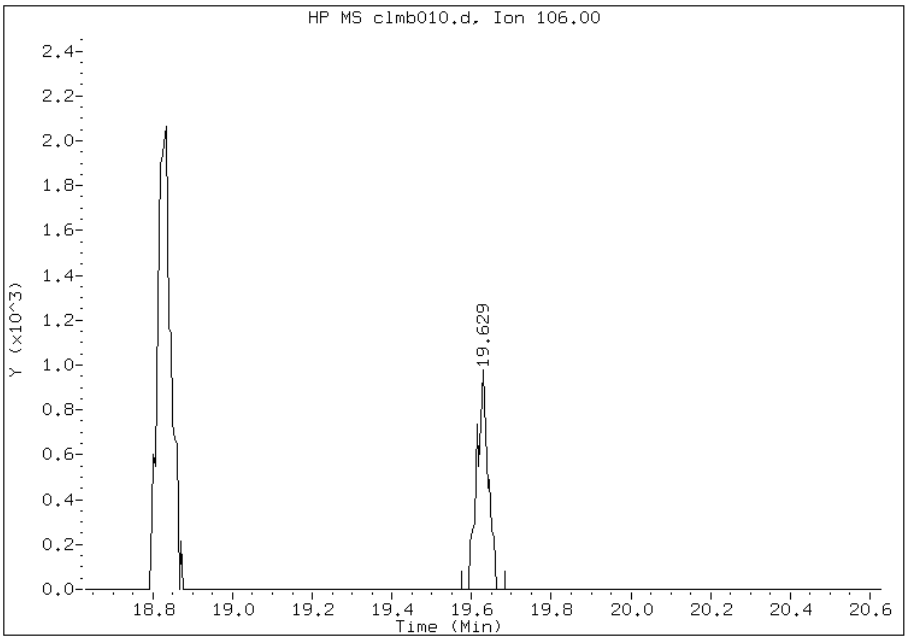
Manual Integration Results

RT: 19.63

Response: 1889

Amount: 0.063128

Conc: 0.063128



File Uploaded By: wrd
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-53637/3	clm003.d
Level 2	IC 200-53637/4	clm004.d
Level 3	IC 200-53637/5	clm005.d
Level 4	IC 200-53637/6	clm006.d
Level 5	ICIS 200-53637/7	clm007.d
Level 6	IC 200-53637/8	clm008.d
Level 7	IC 200-53637/9	clm009.d
Level 8	IC 200-53637/10	clm010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.5811	+++++ 0.5199	+++++ 0.4487	0.9379	0.7035	Ave		0.6382				30.1	*	30.0			
Dichlorodifluoromethane	+++++ 3.7944	+++++ 3.6412	4.4410 3.3440	4.3375	3.9933	Ave		3.9252				10.7		30.0			
Freon 22	+++++ 1.5783	+++++ 1.4629	2.2581 1.3189	2.1334	1.7594	Ave		1.7518				21.4		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.1068	3.3793 2.9601	3.7122 2.7045	3.6096	3.2607	Ave		3.2476				11.0		30.0			
Chloromethane	+++++ 0.6411	+++++ 0.5878	0.9897 0.5311	0.9260	0.7433	Ave		0.7365				25.3		30.0			
n-Butane	+++++ 1.0007	+++++ 0.9231	1.5314 0.8033	1.4975	1.1651	Ave		1.1535				26.3		30.0			
Vinyl chloride	1.0436 0.8195	1.0000 0.7831	1.0811 0.7025	1.0491	0.9034	Ave		0.9228				15.4		30.0			
1,3-Butadiene	+++++ 0.5999	0.5675 0.5583	0.7102 0.4986	0.7628	0.6559	Ave		0.6219				14.9		30.0			
Bromomethane	+++++ 0.7898	0.8838 0.7805	0.9173 0.7305	0.9045	0.8202	Ave		0.8324				8.5		30.0			
Chloroethane	+++++ 0.3530	+++++ 0.3368	0.4639 0.3113	0.4561	0.3906	Ave		0.3853				16.5		30.0			
Isopentane	+++++ 0.6100	0.8822 0.5743	0.9416 0.5022	0.8897	0.7105	Ave		0.7301				24.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9172	0.8872 0.9100	0.9889 0.8623	0.9952	0.9395	Ave		0.9286				5.3		30.0			
Trichlorofluoromethane	+++++ 3.4502	3.5106 3.3434	3.8023 3.1775	3.8011	3.5157	Ave		3.5144				6.5		30.0			
n-Pentane	+++++ 1.1314	+++++ 1.0195	1.6730 0.8989	1.6498	1.3257	Ave		1.2831				25.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.2117	+++++ 0.2103	0.3268 0.1784	0.2141	0.2580	Ave		0.2332				22.5		30.0			
Ethyl ether	+++++ 0.5067	0.5822 0.4933	0.6489 0.3770	0.5939	0.5587	Ave		0.5372				16.4		30.0			
Acrolein	+++++ 0.2397	+++++ 0.2355	+++++ 0.1796	0.2789	0.2653	Ave		0.2398				15.9		30.0			
Freon TF	+++++ 1.9562	2.1591 1.8988	2.2313 1.7784	2.2094	2.0242	Ave		2.0368				8.4		30.0			
1,1-Dichloroethene	+++++ 0.8705	0.9334 0.8392	0.9404 0.7916	0.9587	0.8801	Ave		0.8877				6.8		30.0			
Acetone	+++++ 0.8846	+++++ 0.8612	+++++ 0.6356	1.1486	1.0340	Ave		0.9128				21.3		30.0			
Carbon disulfide	+++++ 2.4863	+++++ 2.3730	2.8130 2.2555	2.8992	2.6179	Ave		2.5741				9.7		30.0			
Isopropyl alcohol	+++++ 0.6939	+++++ 0.6253	+++++ 0.5991	0.8596	0.8320	Ave		0.7220				16.4		30.0			
3-Chloropropene	+++++ 0.8580	0.9693 0.7030	0.9614 0.6202	0.9668	0.8835	Ave		0.8517				16.3		30.0			
Acetonitrile	+++++ 0.4213	+++++ 0.3675	+++++ 0.2961	0.6132	0.4807	Ave		0.4357				27.6		30.0			
Methylene Chloride	+++++ 0.7691	+++++ 0.7173	1.2809 0.6542	1.0314	0.8622	Ave		0.8859				26.4		30.0			
tert-Butyl alcohol	+++++ 1.3242	+++++ 1.2059	+++++ 1.2850	1.4421	1.5138	Ave		1.3542				9.1		30.0			
Methyl tert-butyl ether	+++++ 2.4521	2.9770 2.4271	3.1860 1.9562	2.5624	2.5791	Ave		2.5914				15.4		30.0			
trans-1,2-Dichloroethene	+++++ 1.2565	1.5175 1.1722	1.5451 1.0787	1.5750	1.3722	Ave		1.3596				14.4		30.0			
Acrylonitrile	+++++ 0.4410	+++++ 0.4301	0.5853 0.3412	0.5284	0.5133	Ave		0.4732				18.3		30.0			
n-Hexane	+++++ 1.1852	1.5081 1.1091	1.4682 0.9954	1.4760	1.3084	Ave		1.2929				15.6		30.0			
1,1-Dichloroethane	+++++ 1.5501	1.7306 1.4556	1.9660 1.3724	1.9573	1.6975	Ave		1.6757				13.9		30.0			
Vinyl acetate	+++++ 1.3836	+++++ 1.3399	+++++ 1.0069	1.5715	1.5243	Ave		1.3652				16.3		30.0			
cis-1,2-Dichloroethene	+++++ 0.9933	1.0486 0.9597	1.0975 0.9250	1.1112	1.0241	Ave		1.0228				6.7		30.0			
Methyl Ethyl Ketone	+++++ 0.3486	+++++ 0.3506	0.5800 0.2798	0.3576	0.3734	Ave		0.3816				26.8		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0643	+++++ 0.0690	+++++ 0.0553	0.0632	0.0704	Ave		0.0644				9.2		30.0			
Tetrahydrofuran	+++++ 0.0997	+++++ 0.0952	+++++ 0.0769	0.1215	0.1123	Ave		0.1011				16.8		30.0			
Chloroform	+++++ 2.3683	2.6645 2.2719	2.7642 2.1406	2.7015	2.5003	Ave		2.4873				9.5		30.0			
1,1,1-Trichloroethane	+++++ 0.5412	0.5655 0.5274	0.5679 0.5214	0.5888	0.5534	Ave		0.5522				4.3		30.0			
Cyclohexane	+++++ 0.2385	0.2760 0.2320	0.2796 0.2295	0.2676	0.2515	Ave		0.2535				8.3		30.0			
Carbon tetrachloride	0.5838 0.5875	0.5417 0.5796	0.5709 0.5851	0.6144	0.5977	Ave		0.5826				3.6		30.0			
Benzene	+++++ 0.5195	0.6360 0.4948	0.6228 0.4890	0.5884	0.5443	Ave		0.5564				10.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.6733	0.7857 0.6291	0.8472 0.6001	0.8449	0.7391	Ave		0.7313				13.7		30.0			
1,2-Dichloroethane	+++++ 0.3037	0.3253 0.2916	0.3382 0.2919	0.3507	0.3232	Ave		0.3178				7.2		30.0			
n-Heptane	+++++ 0.2021	0.2629 0.1878	0.2631 0.1771	0.2723	0.2277	Ave		0.2276				17.3		30.0			
n-Butanol	+++++ 0.0572	+++++ 0.0528	+++++ 0.0637	0.0603	0.0687	Ave		0.0605				10.1		30.0			
Trichloroethene	0.3296 0.2870	0.2837 0.2740	0.3057 0.2785	0.3203	0.2966	Ave		0.2969				6.8		30.0			
1,2-Dichloropropane	+++++ 0.1577	0.1841 0.1499	0.1907 0.1375	0.1926	0.1737	Ave		0.1694				12.7		30.0			
Methyl methacrylate	+++++ 0.1425	+++++ 0.1443	0.1320 0.1221	0.1353	0.1476	Ave		0.1373				6.9		30.0			
1,4-Dioxane	+++++ 0.0724	+++++ 0.0698	+++++ 0.0636	0.0740	0.0791	Ave		0.0718				7.9		30.0			
Dibromomethane	+++++ 0.2723	0.2622 0.2683	0.2616 0.2747	0.2651	0.2703	Ave		0.2678				1.9		30.0			
Bromodichloromethane	+++++ 0.5005	0.4784 0.4860	0.4780 0.4738	0.5431	0.5197	Ave		0.4971				5.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.3062	0.3292 0.2956	0.3260 0.2798	0.3404	0.3282	Ave		0.3151				6.9		30.0			
methyl isobutyl ketone	+++++ 0.1925	+++++ 0.1924	0.2491 0.1858	0.1943	0.2097	Ave		0.2040				11.5		30.0			
Toluene	+++++ 0.4483	0.5155 0.4042	0.4968 0.4014	0.4384	0.4507	Ave		0.4507				9.5		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2667	0.3365 0.2463	0.3499 0.2204	0.3421	0.3033	Ave		0.2950				17.4		30.0			
trans-1,3-Dichloropropene	+++++ 0.3296	0.3336 0.3216	0.3367 0.2991	0.3404	0.3521	Ave		0.3304				5.1		30.0			
1,1,2-Trichloroethane	+++++ 0.2054	0.2222 0.1819	0.2290 0.1806	0.2083	0.2111	Ave		0.2055				9.0		30.0			
Tetrachloroethene	0.3982 0.4881	0.4805 0.4448	0.4414 0.4790	0.4408	0.4607	Ave		0.4542				6.5		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2064	+++++ 0.1853	0.2209 0.2164	0.1855	0.2213	Ave		0.2060				8.1		30.0			
Dibromochloromethane	+++++ 0.5806	0.4794 0.5239	0.4765 0.5428	0.5281	0.5627	Ave		0.5277				7.4		30.0			
1,2-Dibromoethane	+++++ 0.4609	0.4258 0.4156	0.4269 0.4239	0.4327	0.4572	Ave		0.4347				4.0		30.0			
Chlorobenzene	+++++ 0.6559	0.6478 0.5921	0.6555 0.6160	0.6150	0.6522	Ave		0.6335				4.0		30.0			
Ethylbenzene	+++++ 0.9765	1.0516 0.9027	1.0891 0.8912	0.8976	0.9765	Ave		0.9693				8.1		30.0			
n-Nonane	+++++ 0.3274	0.3711 0.2909	0.4171 0.2827	0.3434	0.3473	Ave		0.3400				13.6		30.0			
m,p-Xylene	+++++ 0.3726	0.3867 0.3430	0.4012 0.3377	0.3321	0.3675	Ave		0.3629				7.2		30.0			
Xylene, o-	+++++ 0.3682	0.3838 0.3435	0.3781 0.3372	0.3252	0.3643	Ave		0.3572				6.2		30.0			
Styrene	+++++ 0.5766	0.4343 0.5280	0.4722 0.5412	0.4826	0.5605	Ave		0.5136				10.1		30.0			
Bromoform	+++++ 0.5861	0.4143 0.5362	0.4437 0.5506	0.4899	0.5675	Ave		0.5126				12.7		30.0			
Cumene	+++++ 1.1419	1.1135 1.0640	1.1342 1.0499	0.9871	1.1111	Ave		1.0860				5.1		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4821	0.5194 0.4333	0.5094 0.4264	0.4431	0.4819	Ave		0.4708				7.9		30.0			
1,2,3-Trichloropropane	+++++ 0.3990	+++++ 0.3600	0.4783 0.3463	0.3772	0.4016	Ave		0.3937				11.9		30.0			
n-Propylbenzene	+++++ 1.3076	1.2678 1.1940	1.2773 1.1724	1.1449	1.2769	Ave		1.2344				5.1		30.0			
2-Chlorotoluene	+++++ 0.9828	1.0428 0.8811	1.0449 0.8743	0.9284	0.9978	Ave		0.9646				7.4		30.0			
4-Ethyltoluene	+++++ 1.1359	1.0434 1.0343	1.0555 1.0193	0.9868	1.1123	Ave		1.0553				4.9		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.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	+++++ 0.3954	+++++ 0.3473	0.3846 0.3287	0.3686	0.3997	Ave		0.3707				7.6		30.0			
1,3,5-Trimethylbenzene	+++++ 1.0123	0.9388 0.9315	0.9572 0.9129	0.8624	0.9875	Ave		0.9432				5.2		30.0			
Alpha Methyl Styrene	+++++ 0.4914	0.2923 0.4516	0.3265 0.4639	0.3795	0.4628	Ave		0.4097				18.9		30.0			
tert-Butylbenzene	+++++ 0.9697	0.9564 0.8866	0.9535 0.8699	0.8320	0.9407	Ave		0.9156				5.7		30.0			
1,2,4-Trimethylbenzene	+++++ 1.0129	0.8582 0.9206	0.9036 0.9093	0.8589	0.9786	Ave		0.9203				6.3		30.0			
sec-Butylbenzene	+++++ 1.3680	1.2836 1.2500	1.2945 1.2299	1.1861	1.3317	Ave		1.2777				4.8		30.0			
4-Isopropyltoluene	+++++ 1.1943	1.1169 1.0807	1.0802 1.0676	1.0212	1.1592	Ave		1.1029				5.3		30.0			
1,3-Dichlorobenzene	+++++ 0.6956	0.6552 0.6183	0.6631 0.6399	0.5876	0.6897	Ave		0.6499				5.9		30.0			
1,4-Dichlorobenzene	+++++ 0.7100	0.6069 0.6446	0.6731 0.6788	0.5700	0.6923	Ave		0.6537				7.6		30.0			
Benzyl chloride	+++++ 0.8751	0.6938 0.7884	0.7277 0.8207	0.6897	0.8447	Ave		0.7772				9.6		30.0			
n-Butylbenzene	+++++ 1.0330	0.8266 0.9277	0.8524 0.9226	0.8570	1.0036	Ave		0.9176				8.6		30.0			
n-Undecane	+++++ 0.2909	+++++ 0.2647	+++++ 0.3032	0.2398	0.3071	Ave		0.2811				10.1		30.0			
1,2-Dichlorobenzene	+++++ 0.6724	0.6085 0.6055	0.6472 0.6141	0.5718	0.6661	Ave		0.6265				5.8		30.0			
n-Dodecane	+++++ 0.2278	+++++ 0.1315	+++++ 0.2402	0.1803	0.2547	Ave		0.2069				24.4		30.0			
1,2,4-Trichlorobenzene	+++++ 0.4929	+++++ 0.4273	0.3144 0.4992	0.2942	0.4504	Ave		0.4131				21.5		30.0			
Hexachlorobutadiene	+++++ 0.5839	0.5010 0.5149	0.5221 0.5034	0.4702	0.5641	Ave		0.5228				7.5		30.0			
Naphthalene	+++++ 0.8992	+++++ 0.7414	0.4406 0.9595	0.5113	0.8009	Ave		0.7255				28.8		30.0			
1,2,3-Trichlorobenzene	+++++ 0.4415	0.2722 0.3808	0.3040 0.4561	0.2680	0.4083	Ave		0.3616				22.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-53637/3	clm003.d
Level 2	IC 200-53637/4	clm004.d
Level 3	IC 200-53637/5	clm005.d
Level 4	IC 200-53637/6	clm006.d
Level 5	ICIS 200-53637/7	clm007.d
Level 6	IC 200-53637/8	clm008.d
Level 7	IC 200-53637/9	clm009.d
Level 8	IC 200-53637/10	clm010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 193258	+++++ 242566	+++++ 462341	87972	145457	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1262000	+++++ 1698696	42124 3445762	406832	825670	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 524928	+++++ 682458	21419 1358988	200102	363787	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1033304	14047 1380927	35211 2786792	338556	674203	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 213235	+++++ 274236	9388 547295	86850	153686	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 332839	+++++ 430625	14526 827740	140452	240901	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	970 272561	4157 365338	10255 723911	98399	186797	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 199526	2359 260458	6736 513807	71548	135614	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 262696	3674 364114	8701 752739	84838	169590	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 117398	+++++ 157123	4400 320740	42780	80762	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 202894	3667 267922	8931 517486	83448	146910	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 305042	3688 424522	9380 888554	93344	194248	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1147501	14593 1559774	36066 3274169	356522	726928	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 376310	+++++ 475599	15869 926237	154744	274111	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	+++++ 93888	+++++ 196235	31000 459517	40156	80015	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 168523	2420 230127	6155 388505	55700	115520	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 79733	+++++ 109846	+++++ 185057	26157	54862	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 650625	8975 885844	21165 1832460	207231	418527	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 289521	3880 391514	8920 815714	89917	181979	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 294211	+++++ 401780	+++++ 654944	107730	213797	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 826927	+++++ 1107052	26682 2324086	271922	541281	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 230771	+++++ 291729	+++++ 617351	80629	172021	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 285363	4029 327971	9119 639061	90679	182674	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 140106	+++++ 171435	+++++ 305057	57513	99399	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 255799	+++++ 334655	12150 674094	96738	178273	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 440427	+++++ 562564	+++++ 1324077	135259	312997	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 815550	12375 1132274	30220 2015668	240332	533268	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 417889	6308 546870	14656 1111506	147729	283729	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 146670	+++++ 200663	5552 351528	49565	106129	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 394188	6269 517395	13926 1025696	138441	270525	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 515546	7194 679081	18648 1414159	183585	350983	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 460183	+++++ 625075	+++++ 1037567	147397	315171	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 330375	4359 447727	10410 953158	104225	211740	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 115932	+++++ 163540	5501 288280	33543	77197	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 21394	+++++ 32183	+++++ 57010	5924	14563	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 180027	+++++ 241181	+++++ 408969	62557	126143	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 787681	11076 1059875	26219 2205719	253385	516982	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 977110	12661 1335995	29917 2771645	303153	621775	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 430644	6180 587765	14727 1220007	137801	282543	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	2926 1060718	12129 1468278	30073 3109893	316348	671472	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 937893	14240 1253350	32809 2598971	302965	611538	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 1215592	17592 1593658	44629 3189709	435043	830297	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 548408	7283 738811	17816 1551301	180563	363083	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 364809	5887 475627	13861 941277	140215	255790	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 103210	+++++ 133720	+++++ 338555	31058	77216	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Trichloroethene	DFB	Ave	1652 518170	6352 694018	16105 1480469	164937	333225	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 284684	4122 379612	10044 730897	99155	195121	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 257221	+++++ 365587	6955 649197	69644	165793	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 130704	+++++ 176936	+++++ 337897	38109	88862	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 491609	5870 679612	13780 1460246	136488	303695	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 903632	10712 1231188	25180 2518335	279619	583821	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 552894	7370 748885	17172 1487193	175286	368751	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 347599	+++++ 487506	13121 987791	100027	235579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 712748	10635 994499	24221 1885401	214495	471470	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 481563	7534 623898	18432 1171749	176163	340746	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 595046	7469 814703	17736 1589616	175298	395567	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 326555	4585 447522	11164 848388	101925	220789	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	1824 776058	9913 1094334	21521 2249934	215704	481857	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 328170	+++++ 455942	10769 1016365	90792	231435	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 923132	9891 1289132	23232 2549995	258396	588555	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 732707	8785 1022487	20814 1991121	211734	478199	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 1042771	13364 1456819	31959 2893520	300934	682186	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 1552550	21696 2221024	53105 4186390	439225	1021415	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 520605	7657 715667	20337 1327838	168027	363297	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 1184699	15954 1687711	39125 3172497	324994	768709	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 585468	7919 845163	18437 1583986	159134	381081	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 916669	8960 1299211	23022 2542031	236160	586263	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 931871	8547 1319315	21633 2586595	239705	593611	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 1815541	22973 2617842	55301 4931829	483006	1162238	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 766497	10715 1066112	24836 2002951	216793	504109	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 634342	+++++ 885858	23322 1626670	184568	420109	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 2078906	26155 2937664	62280 5507092	560202	1335610	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 1562510	21513 2167799	50950 4107147	454291	1043742	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 1805904	21525 2544718	51463 4788071	482878	1163438	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 628631	+++++ 854464	18751 1544182	180360	418086	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 1609478	19369 2291802	46673 4288337	421994	1032884	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	+++++ 781222	6031 1111015	15918 2179306	185691	484046	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 1541767	19731 2181525	46490 4086305	407120	983998	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1 Analy Batch No.: 53637

SDG No.:

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

Calibration Start Date: 03/29/2013 10:37 Calibration End Date: 03/29/2013 16:47 Calibration ID: 20906

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 1610340	17705 2265013	44060 4271312	420280	1023652	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 2175030	26481 3075539	63119 5777273	580359	1392921	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 1898743	23043 2659003	52671 5014785	499686	1212477	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 1105946	13517 1521223	32330 3005885	287507	721451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 1128851	12520 1586017	32820 3188656	278930	724158	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 1391297	14314 1939777	35481 3854993	337485	883562	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 1642383	17054 2282569	41560 4333729	419349	1049750	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 462429	+++++ 651180	+++++ 1424442	117357	321258	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 1069042	12553 1489803	31555 2884730	279805	696729	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 362110	+++++ 323610	+++++ 1128275	88236	266468	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 783685	+++++ 1051234	15329 2345151	143965	471168	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 928267	10335 1266864	25458 2364632	230095	590020	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 1429598	+++++ 1824107	21482 4507069	250198	837794	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 702000	5616 936958	14823 2142640	131135	427080	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm003.d
Lab Smp Id: ic 474964
Inj Date : 29-MAR-2013 10:37
Operator : wrd Inst ID: C.i
Smp Info : ic 474964
Misc Info : 40,1,level 8
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:16 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 10:37 Cal File: clm003.d
Als bottle: 2 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	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	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	4087	0.00000	0.045(a)
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	4.419	4.408	(0.399)	970	0.04000	0.045(aQM)
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					

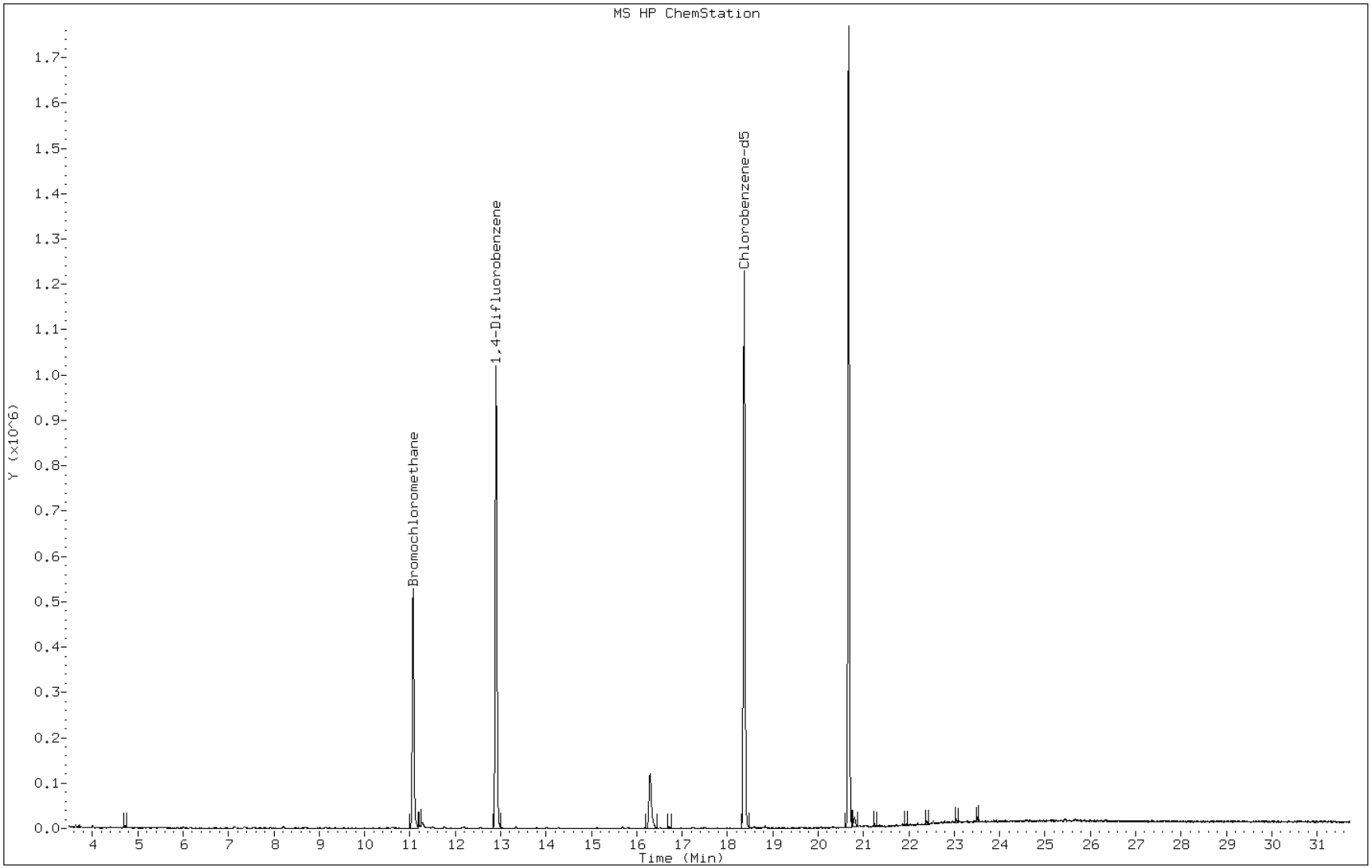
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.135	7.125	(0.644)	1351	0.00000	0.029(aQ)
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	7.925	7.925	(0.716)	772	0.00000	0.039(a)
	24 Acetonitrile	41	7.989	7.957	(0.721)	377	0.00000	0.037(aQ)
	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	11.074	11.069	(1.000)	232360	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	11.762	11.763	(0.912)	2926	0.04000	0.040(aM)
	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	12.899	12.905	(1.000)	1252901	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	13.342	13.342	(1.034)	1652	0.04000	0.044(a)
	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	15.685	15.685	(0.854)	2058	0.00000	0.040(aQ)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	16.710	16.710	(0.910)	1824	0.04000	0.035(aM)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	17.243	17.244	(0.939)	1469	0.00000	0.024(aQ)
	64 1,2-Dibromoethane	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
*	65 Chlorobenzene-d5	117	18.370	18.375	(1.000)	1145210	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	67 n-Nonane	57	Compound Not Detected.					
	68 Ethylbenzene	91	18.829	18.594	(1.025)	4962	0.00000	0.045(a)
M	70 Xylenes, Total	106				3450	0.00000	0.084(a)
	71 Xylene (o)	106	18.829	19.629	(1.025)	1725	0.00000	0.042(aQ)
	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.					
	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.					
	91 n-Butylbenzene	91	Compound Not Detected.					
	92 1,2-Dichlorobenzene	146	Compound Not Detected.					
	93 Dodecane	57	Compound Not Detected.					
	95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	97 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	clm003.d	Date:	29-MAR-2013 10:37
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 474964		
Lab Sample ID:	ic 474964		



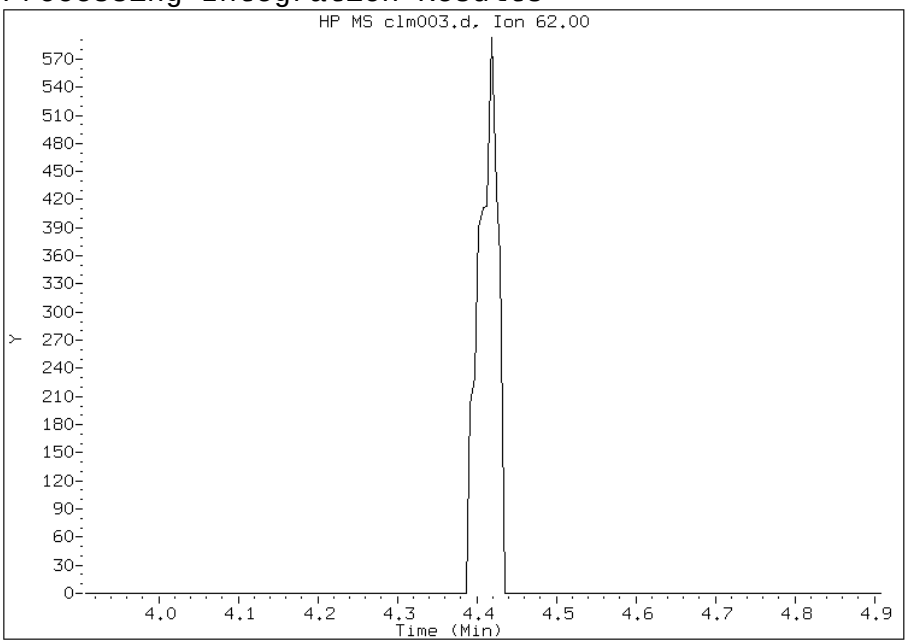
Manual Integration Report

Data File: clm003.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 10:37
Instrument ID: C.i
Client ID:
Compound: 7 Vinyl chloride
CAS #: 75-01-4
Report Date: 04/01/2013

Processing Integration Results

Not Detected

Expected RT: 4.41



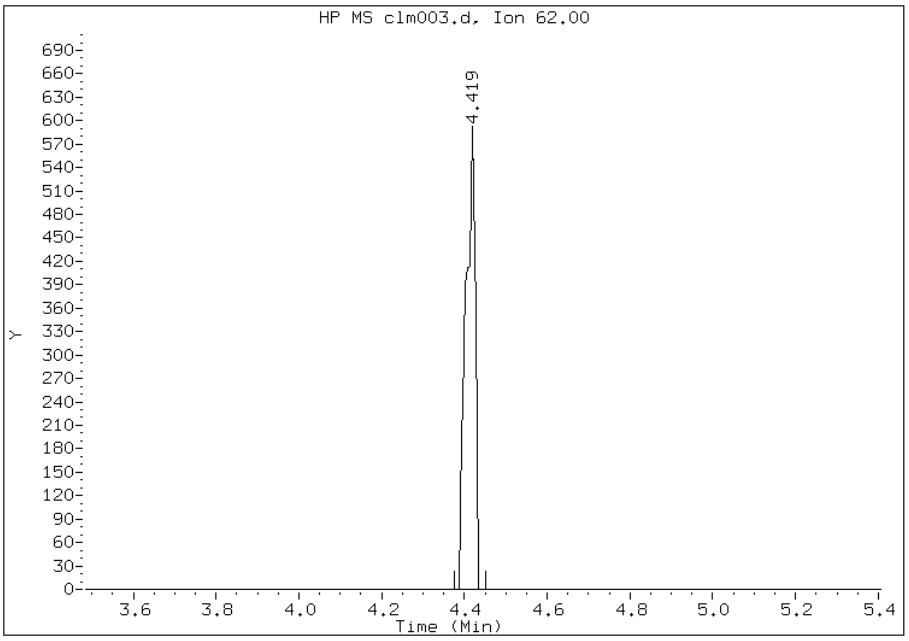
Manual Integration Results

RT: 4.42

Response: 970

Amount: 0.045237

Conc: 0.045237



File Uploaded By: jd1
Manual Integration Reason: Peak not found by the data system

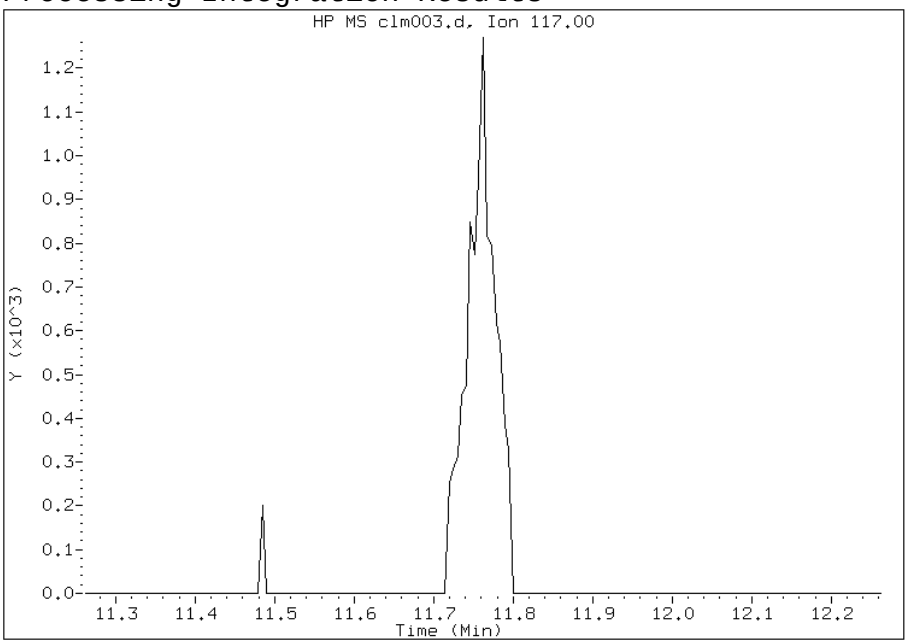
Manual Integration Report

Data File: clm003.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 10:37
Instrument ID: C.i
Client ID:
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 04/01/2013

Processing Integration Results

Not Detected

Expected RT: 11.76



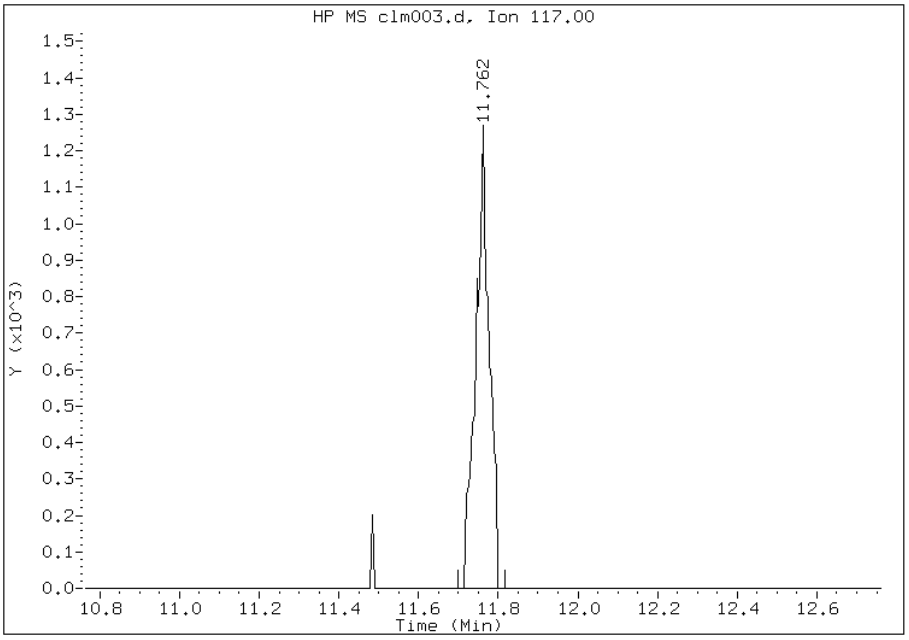
Manual Integration Results

RT: 11.76

Response: 2926

Amount: 0.040087

Conc: 0.040087



File Uploaded By: jd1
Manual Integration Reason: Peak not found by the data system

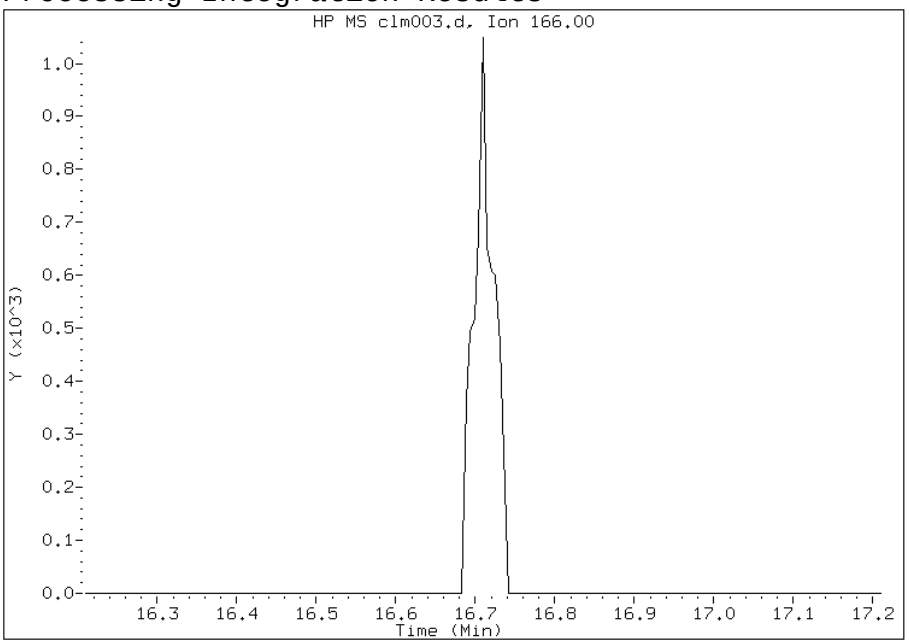
Manual Integration Report

Data File: clm003.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 10:37
Instrument ID: C.i
Client ID:
Compound: 61 Tetrachloroethene
CAS #: 127-18-4
Report Date: 04/01/2013

Processing Integration Results

Not Detected

Expected RT: 16.71



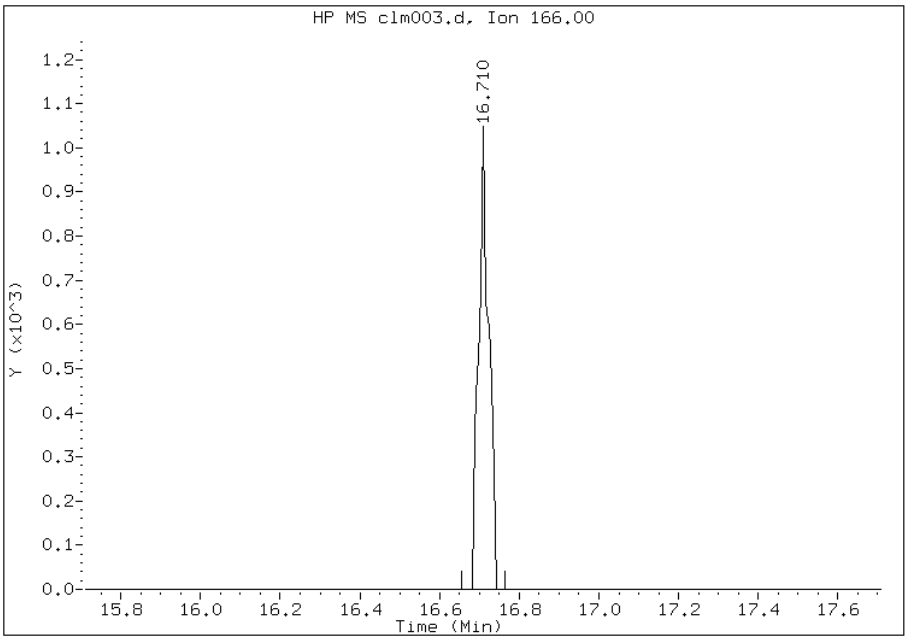
Manual Integration Results

RT: 16.71

Response: 1824

Amount: 0.035068

Conc: 0.035068



File Uploaded By: jd1
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm004.d
Lab Smp Id: ic 474964
Inj Date : 29-MAR-2013 11:31
Operator : wrd Inst ID: C.i
Smp Info : ic 474964
Misc Info : 200,1,level 1
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:18 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.629	3.624	(0.328)	6061	0.20000	0.46(a)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	17442	0.20000	0.21(a)
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	8763	0.20000	0.24(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.362)	14047	0.20000	0.21
5 Chloromethane	50	4.147	4.136	(0.375)	4501	0.20000	0.29(a)
6 Butane	43	4.382	4.376	(0.396)	6301	0.20000	0.26(a)
7 Vinyl chloride	62	4.408	4.408	(0.398)	4157	0.20000	0.22
8 1,3-Butadiene	54	4.504	4.499	(0.407)	2359	0.20000	0.18(a)
9 Bromomethane	94	5.209	5.209	(0.471)	3674	0.20000	0.21(Q)
10 Chloroethane	64	5.454	5.460	(0.493)	1807	0.20000	0.23(aQ)
11 2-Methylbutane	43	5.582	5.577	(0.504)	3667	0.20000	0.24
12 Vinyl bromide	106	5.876	5.865	(0.531)	3688	0.20000	0.19(a)
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	14593	0.20000	0.20
14 Pentane	43	6.164	6.159	(0.557)	6590	0.20000	0.25(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.559	6.548	(0.593)	3072	0.20000	0.63(a)
16	Ethyl ether	59	6.698	6.687	(0.605)	2420	0.20000	0.22(Q)
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.130	7.125	(0.644)	8975	0.20000	0.21
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.136	7.141	(0.645)	3880	0.20000	0.21(Q)
20	Acetone	43	7.344	7.333	(0.663)	38487	0.20000	2.0(aQ)
21	Carbon disulfide	76	7.552	7.546	(0.682)	12463	0.20000	0.23(a)
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	7.936	7.925	(0.717)	4029	0.20000	0.23(aM)
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	8.710	8.683	(0.787)	12375	0.20000	0.23(M)
28	1,2-Dichloroethene (trans)	61	8.689	8.688	(0.785)	6308	0.20000	0.22
29	Acrylonitrile	53	8.763	8.753	(0.792)	2018	0.20000	0.21(a)
30	n-Hexane	57	9.142	9.142	(0.826)	6269	0.20000	0.23(M)
31	1,1-Dichloroethane	63	9.548	9.548	(0.863)	7194	0.20000	0.21(Q)
32	Vinyl acetate	43	9.633	9.628	(0.870)	6526	0.20000	0.23(a)
M 33	1,2-Dichloroethene,Total	61				10667	0.40000	0.43
34	1,2-Dichloroethene (cis)	96	10.637	10.636	(0.961)	4359	0.20000	0.21
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	10.674	10.668	(0.964)	3029	0.20000	0.38(aQ)
* 37	Bromochloromethane	128	11.069	11.069	(1.000)	207841	10.0000	
38	Tetrahydrofuran	42	11.144	11.127	(0.864)	2805	0.20000	0.25(a)
39	Chloroform	83	11.197	11.202	(1.012)	11076	0.20000	0.21(Q)
40	Cyclohexane	84	11.517	11.522	(0.893)	6180	0.20000	0.22(Q)
41	1,1,1-Trichloroethane	97	11.501	11.501	(0.892)	12661	0.20000	0.20(Q)
42	Carbon tetrachloride	117	11.757	11.763	(0.911)	12129	0.20000	0.19(a)
43	2,2,4-Trimethylpentane	57	12.200	12.195	(0.946)	17592	0.20000	0.21
44	Benzene	78	12.158	12.152	(0.942)	14240	0.20000	0.23
45	1,2-Dichloroethane	62	12.280	12.280	(0.952)	7283	0.20000	0.20(M)
46	n-Heptane	43	12.547	12.552	(0.973)	5887	0.20000	0.23
* 47	1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1119535	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	13.342	13.342	(1.034)	6352	0.20000	0.19(a)
50	1,2-Dichloropropane	63	13.785	13.796	(1.069)	4122	0.20000	0.22
51	Methyl methacrylate	69	13.967	13.961	(1.083)	3003	0.20000	0.20(aQM)
52	Dibromomethane	174	14.015	14.015	(1.086)	5870	0.20000	0.20(Q)
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	14.276	14.276	(1.107)	10712	0.20000	0.19(a)
55	1,3-Dichloropropene (cis)	75	15.120	15.119	(1.172)	7370	0.20000	0.21(M)
56	Methyl isobutyl ketone	43	15.376	15.370	(1.192)	4347	0.20000	0.19(a)
57	n-Octane	43	15.808	15.808	(1.225)	7534	0.20000	0.23(aM)
58	Toluene	92	15.685	15.685	(0.854)	10635	0.20000	0.23
59	1,3-Dichloropropene (trans)	75	16.187	16.182	(1.255)	7469	0.20000	0.20
60	1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	4585	0.20000	0.22
61	Tetrachloroethene	166	16.715	16.710	(0.910)	9913	0.20000	0.21

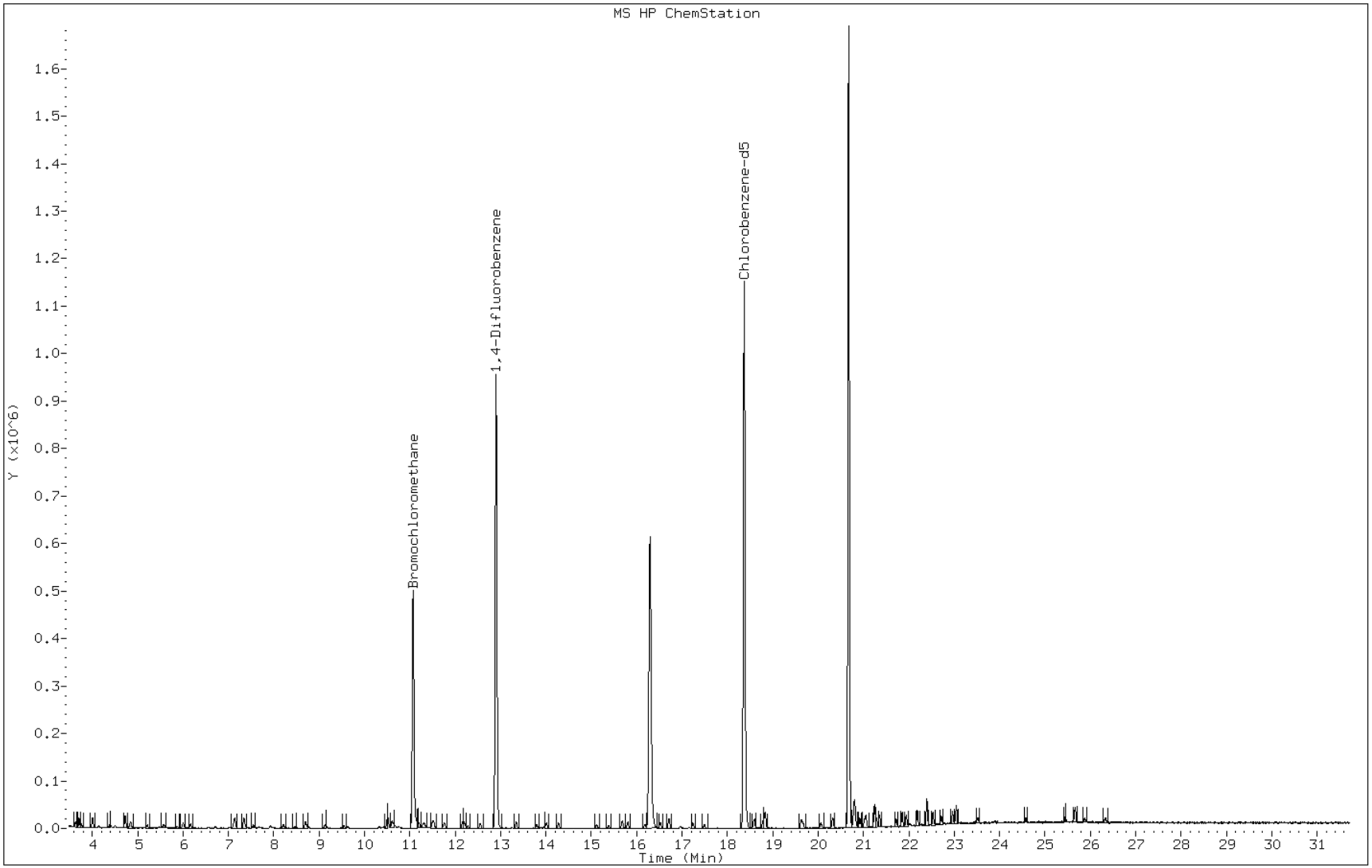
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.955	16.955	(0.923)	4978	0.20000	0.23(aM)
63	Dibromochloromethane	129	17.238	17.244	(0.938)	9891	0.20000	0.18(a)
64	1,2-Dibromoethane	107	17.500	17.500	(0.953)	8785	0.20000	0.20
* 65	Chlorobenzene-d5	117	18.370	18.375	(1.000)	1031533	10.0000	
66	Chlorobenzene	112	18.428	18.428	(1.003)	13364	0.20000	0.20(Q)
67	n-Nonane	57	18.781	18.781	(1.022)	7657	0.20000	0.22(M)
68	Ethylbenzene	91	18.594	18.594	(1.012)	21696	0.20000	0.22
69	Xylene (m,p)	106	18.829	18.834	(1.025)	15954	0.40000	0.43(a)
M 70	Xylenes, Total	106				23873	0.20000	0.64
71	Xylene (o)	106	19.629	19.629	(1.069)	7919	0.20000	0.21
72	Styrene	104	19.667	19.672	(1.071)	8960	0.20000	0.17(a)
73	Bromoform	173	20.061	20.061	(1.092)	8547	0.20000	0.16(a)
74	Isopropylbenzene	105	20.328	20.328	(1.107)	22973	0.20000	0.21(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	10715	0.20000	0.22(Q)
76	n-Propylbenzene	91	21.054	21.054	(1.146)	26155	0.20000	0.21(Q)
77	1,2,3-Trichloropropane	75	21.027	21.022	(1.145)	10088	0.20000	0.25(a)
78	n-Decane	57	21.294	21.294	(1.159)	8407	0.20000	0.22(a)
79	4-Ethyltoluene	105	21.246	21.246	(1.157)	21525	0.20000	0.20
80	2-Chlorotoluene	91	21.241	21.241	(1.156)	21513	0.20000	0.22
81	1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	19369	0.20000	0.20(Q)
82	Alpha Methyl Styrene	118	21.721	21.721	(1.182)	6031	0.20000	0.14(a)
83	tert-butylbenzene	119	21.855	21.855	(1.190)	19731	0.20000	0.21(Q)
84	1,2,4-Trimethylbenzene	105	21.951	21.945	(1.195)	17705	0.20000	0.19(aQ)
85	sec-Butylbenzene	105	22.186	22.186	(1.208)	26481	0.20000	0.20(Q)
86	4-Isopropyltoluene	119	22.394	22.394	(1.219)	23043	0.20000	0.20(Q)
87	1,3-Dichlorobenzene	146	22.404	22.399	(1.220)	13517	0.20000	0.20(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	12520	0.20000	0.19(aQ)
89	Benzyl chloride	91	22.714	22.714	(1.236)	14314	0.20000	0.18(a)
90	Undecane	57	23.039	23.039	(1.254)	6462	0.20000	0.22(a)
91	n-Butylbenzene	91	22.959	22.965	(1.250)	17054	0.20000	0.18(aQ)
92	1,2-Dichlorobenzene	146	23.050	23.055	(1.255)	12553	0.20000	0.19(aQ)
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	25.457	25.452	(1.386)	6803	0.20000	0.16(a)
95	1,3-Hexachlorobutadiene	225	25.665	25.665	(1.397)	10335	0.20000	0.19(a)
96	Naphthalene	128	25.873	25.879	(1.408)	10370	0.20000	0.14(a)
97	1,2,3-Trichlorobenzene	180	26.338	26.327	(1.434)	5616	0.20000	0.15(aQ)

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: clm004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 474964
Lab Sample ID: ic 474964

Date: 29-MAR-2013 11:31
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/01/2013

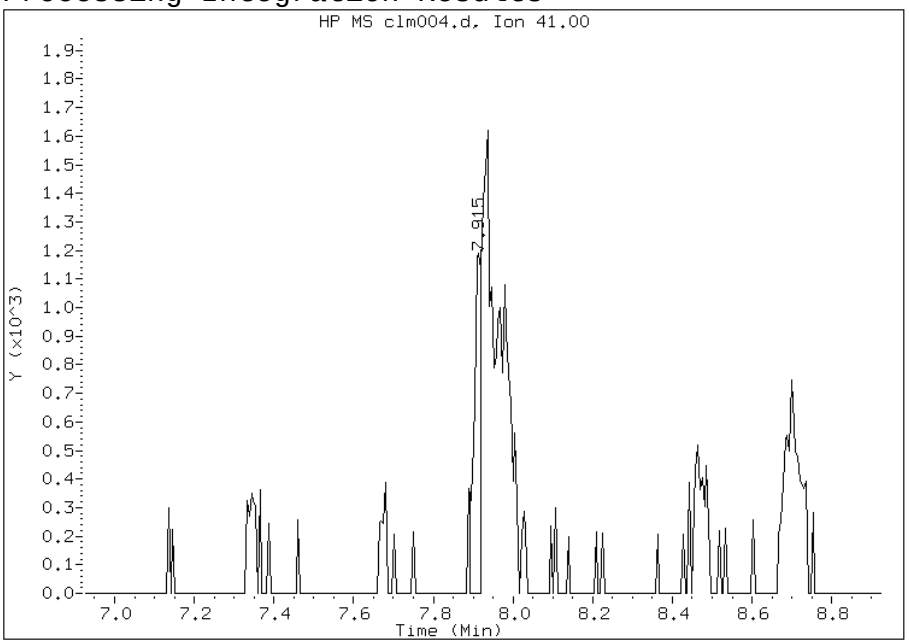
Processing Integration Results

RT: 7.91

Response: 1559

Amount: 0.078249

Conc: 0.078249



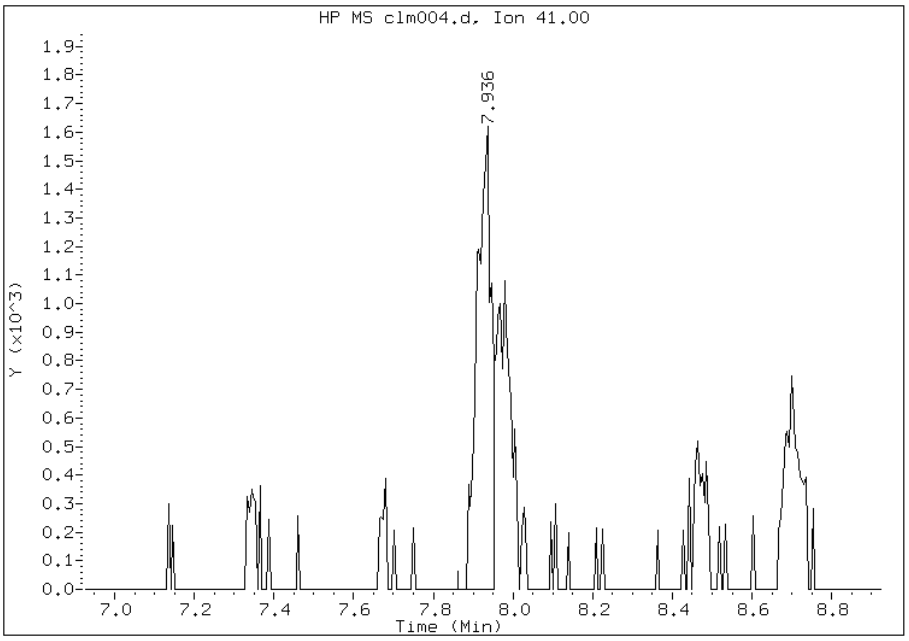
Manual Integration Results

RT: 7.94

Response: 4029

Amount: 0.227595

Conc: 0.227595



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 27 Methyl tert-butyl ether
CAS #: 1634-04-4
Report Date: 04/01/2013

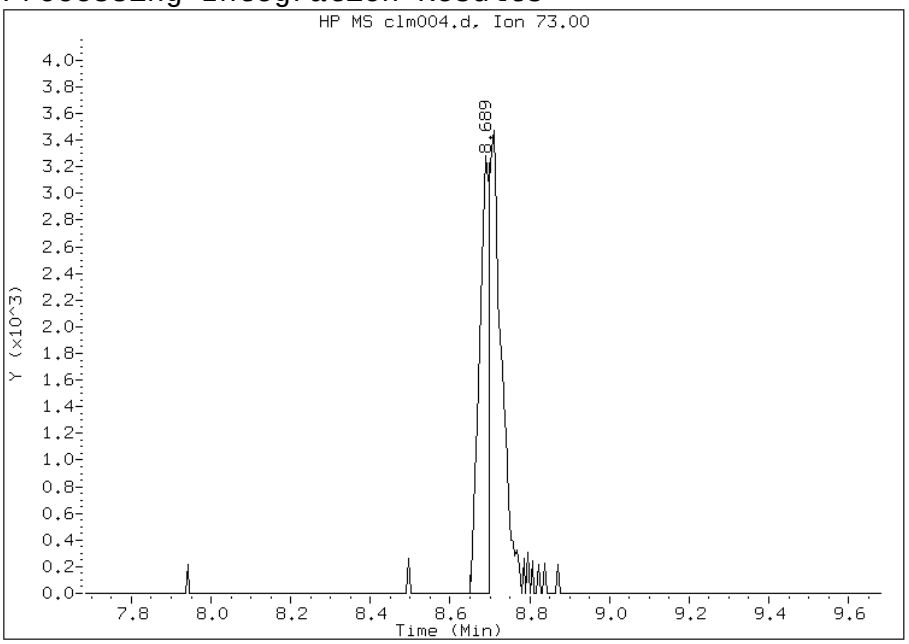
Processing Integration Results

RT: 8.69

Response: 5903

Amount: 0.119889

Conc: 0.119889



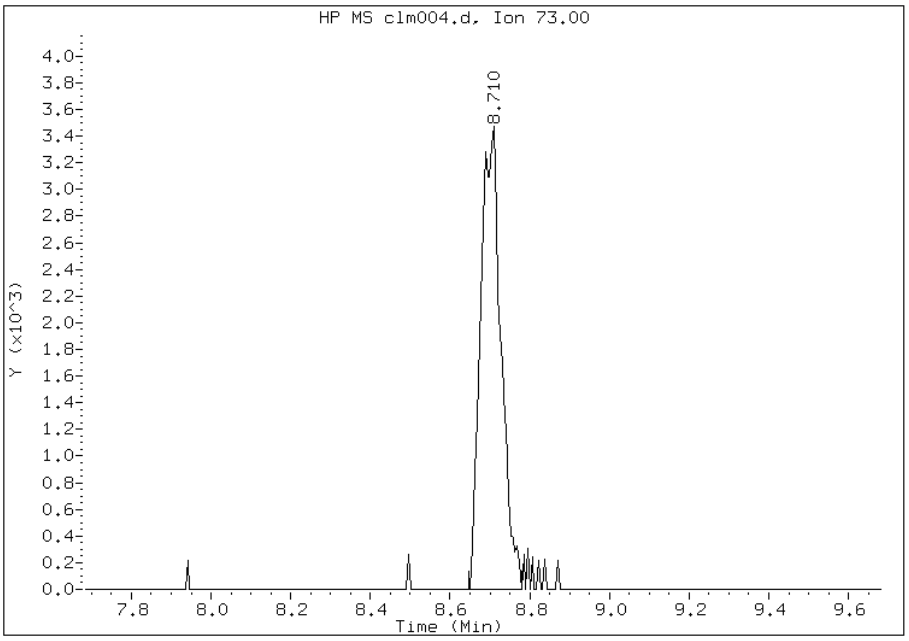
Manual Integration Results

RT: 8.71

Response: 12375

Amount: 0.229762

Conc: 0.229762



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 04/01/2013

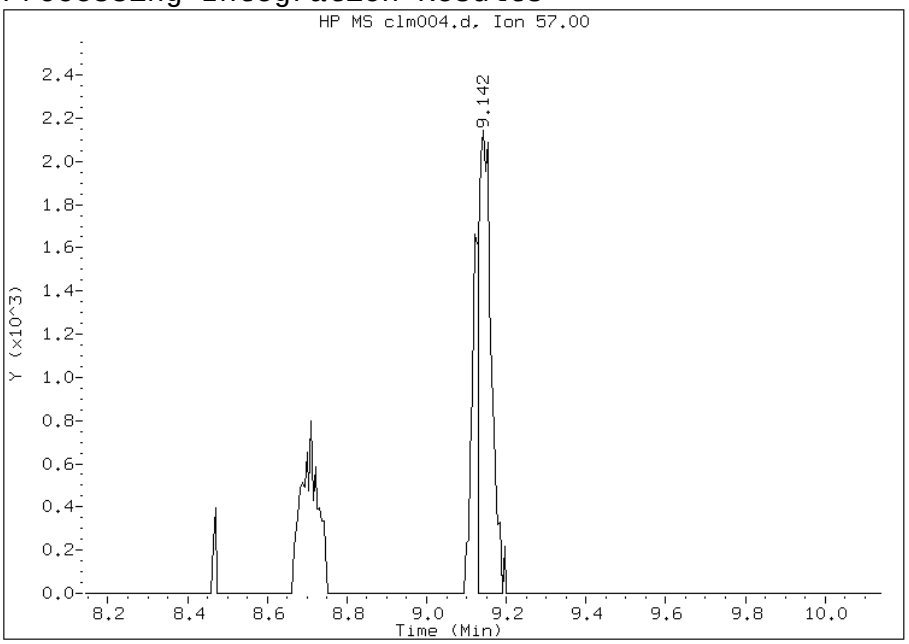
Processing Integration Results

RT: 9.14

Response: 4490

Amount: 0.175382

Conc: 0.175382



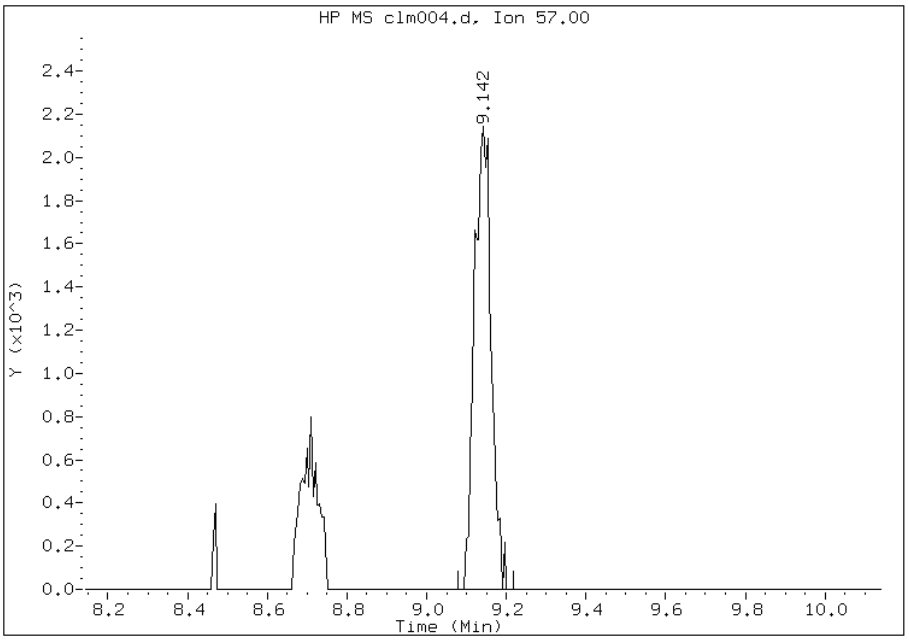
Manual Integration Results

RT: 9.14

Response: 6269

Amount: 0.233292

Conc: 0.233292



File Uploaded By: jd1
Manual Integration Reason: Baseline event

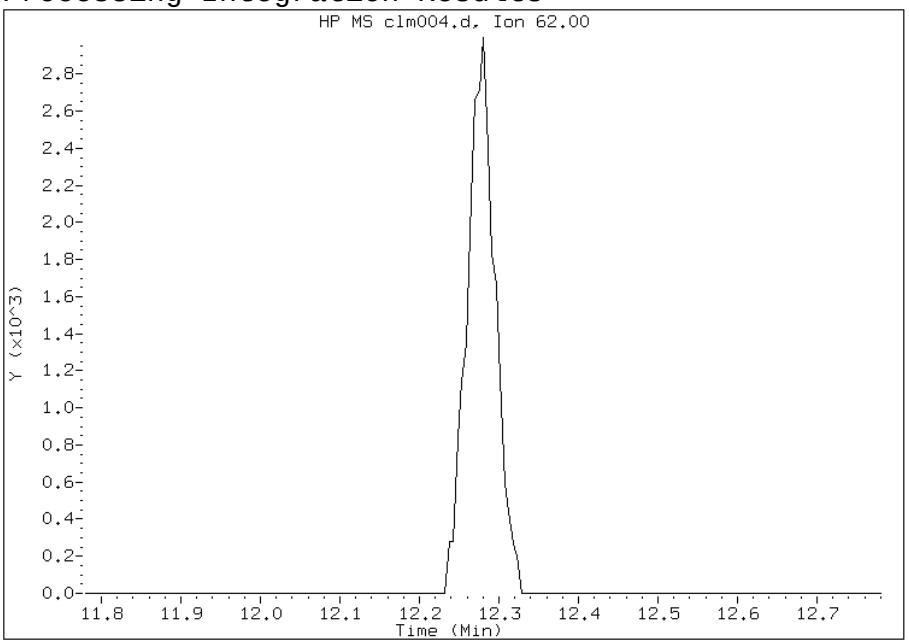
Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 04/01/2013

Processing Integration Results

Not Detected

Expected RT: 12.28



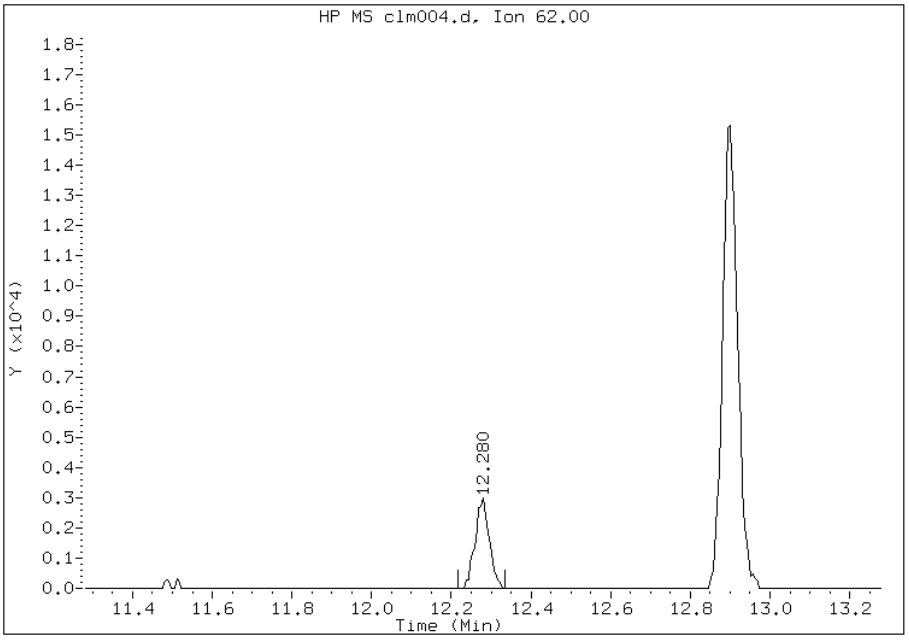
Manual Integration Results

RT: 12.28

Response: 7283

Amount: 0.204703

Conc: 0.204703



File Uploaded By: jd1
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 51 Methyl methacrylate
CAS #: 80-62-6
Report Date: 04/01/2013

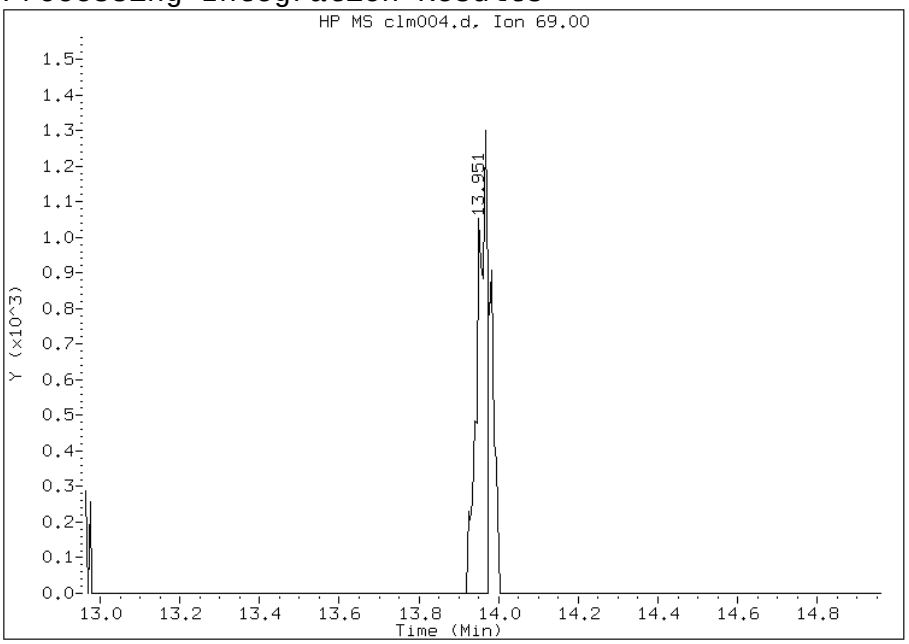
Processing Integration Results

RT: 13.95

Response: 2135

Amount: 0.138900

Conc: 0.138900



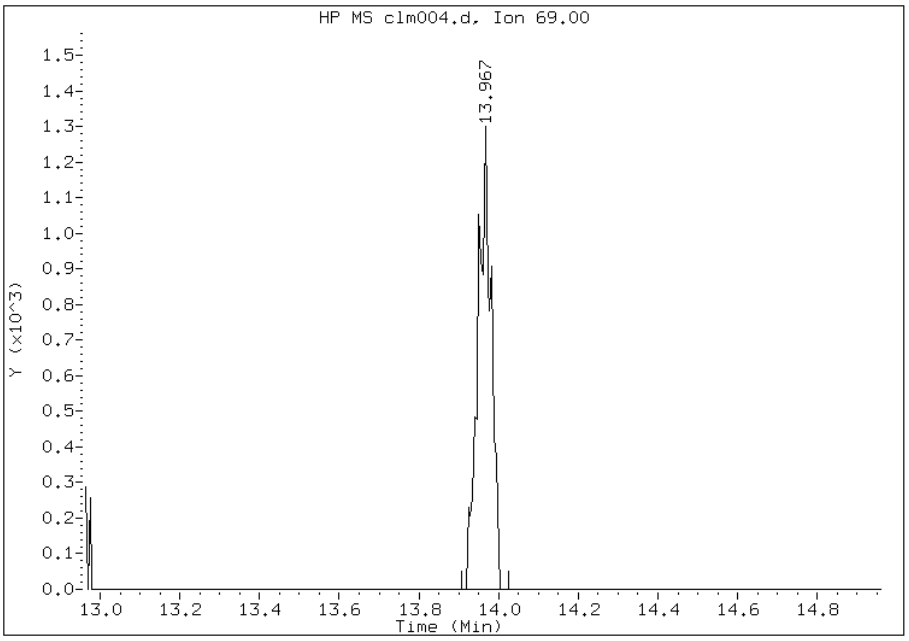
Manual Integration Results

RT: 13.97

Response: 3003

Amount: 0.195371

Conc: 0.195371



File Uploaded By: jd1
Manual Integration Reason: Baseline event

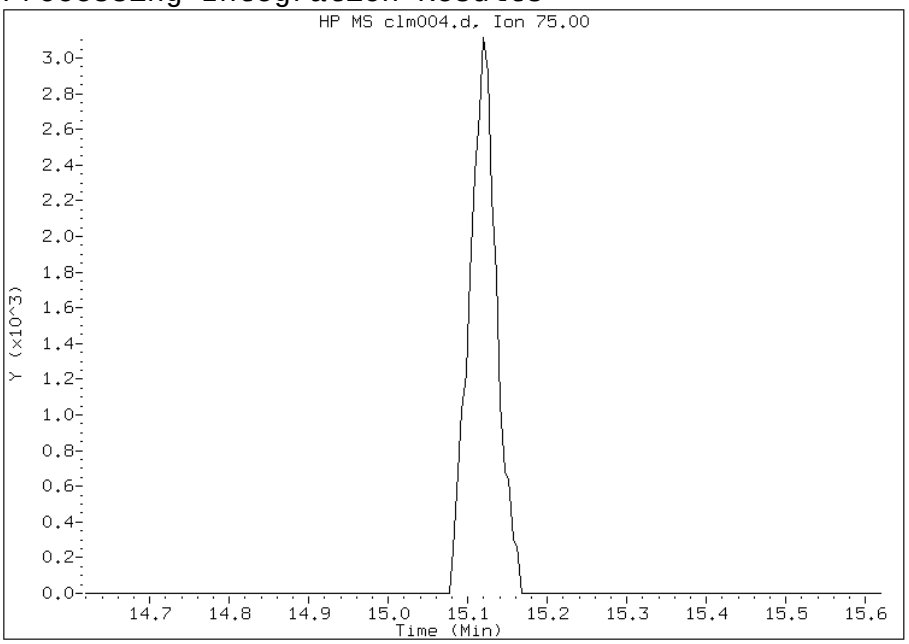
Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 55 1,3-Dichloropropene (cis)
CAS #: 10061-01-5
Report Date: 04/01/2013

Processing Integration Results

Not Detected

Expected RT: 15.12



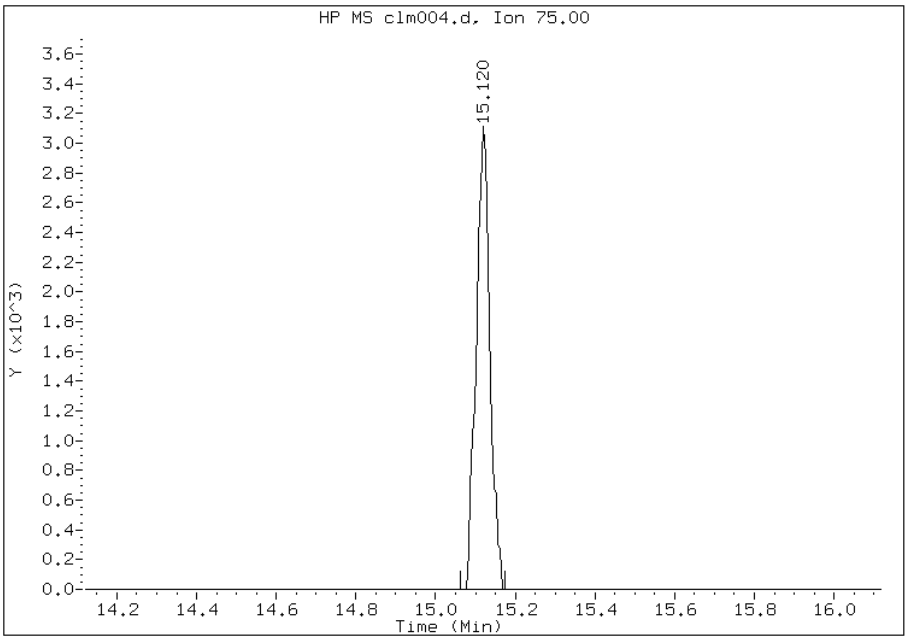
Manual Integration Results

RT: 15.12

Response: 7370

Amount: 0.208947

Conc: 0.208947



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 57 n-Octane
CAS #: 111-65-9
Report Date: 04/01/2013

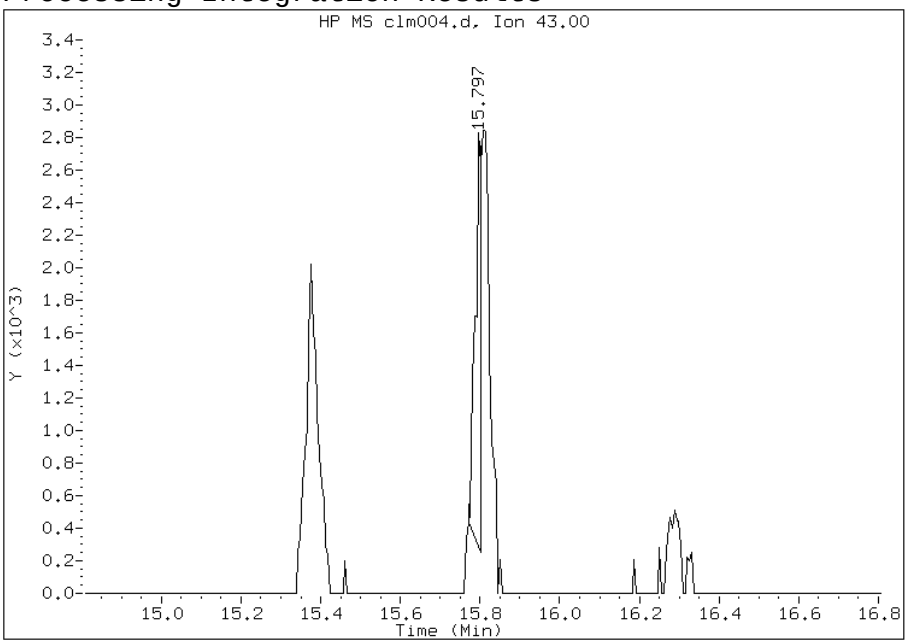
Processing Integration Results

RT: 15.80

Response: 2787

Amount: 0.094030

Conc: 0.094030



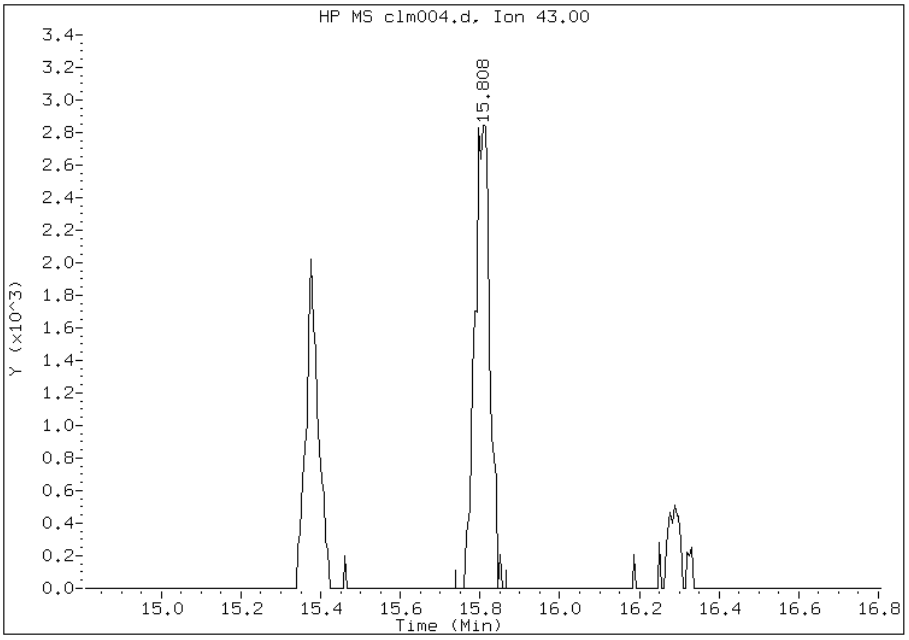
Manual Integration Results

RT: 15.81

Response: 7534

Amount: 0.228093

Conc: 0.228093



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 62 2-Hexanone
CAS #: 591-78-6
Report Date: 04/01/2013

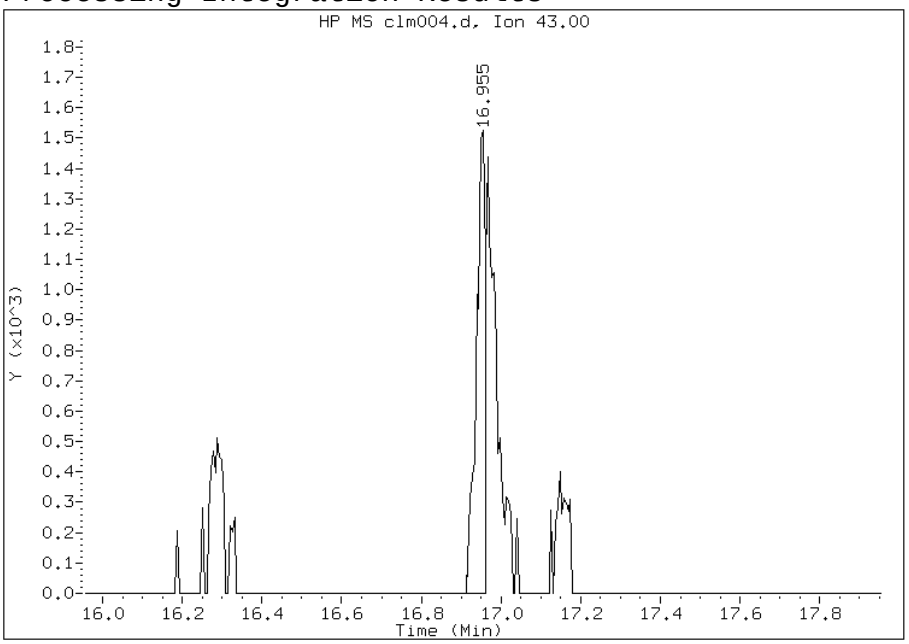
Processing Integration Results

RT: 16.96

Response: 2363

Amount: 0.111224

Conc: 0.111224



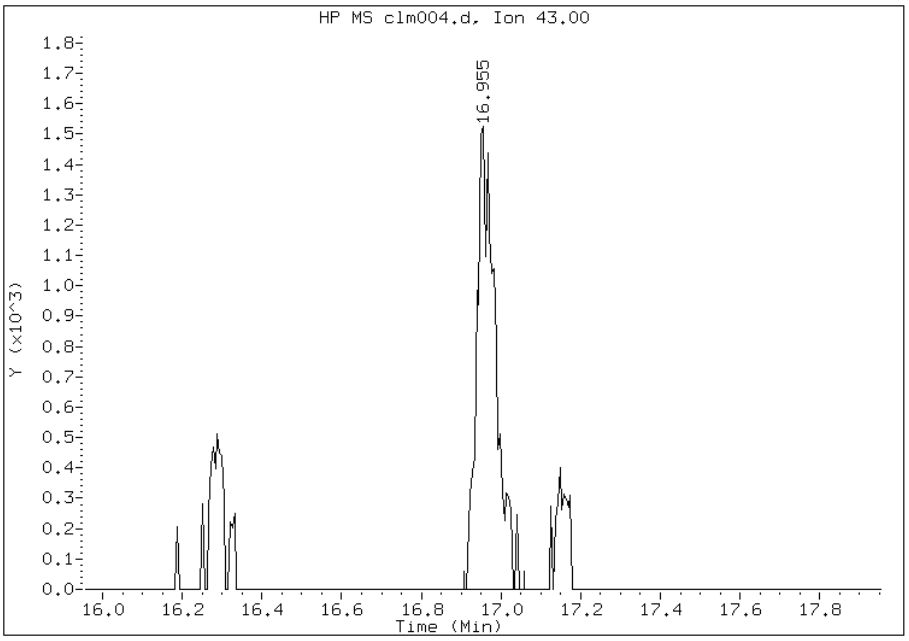
Manual Integration Results

RT: 16.96

Response: 4978

Amount: 0.234310

Conc: 0.234310



File Uploaded By: jd1
Manual Integration Reason: Baseline event

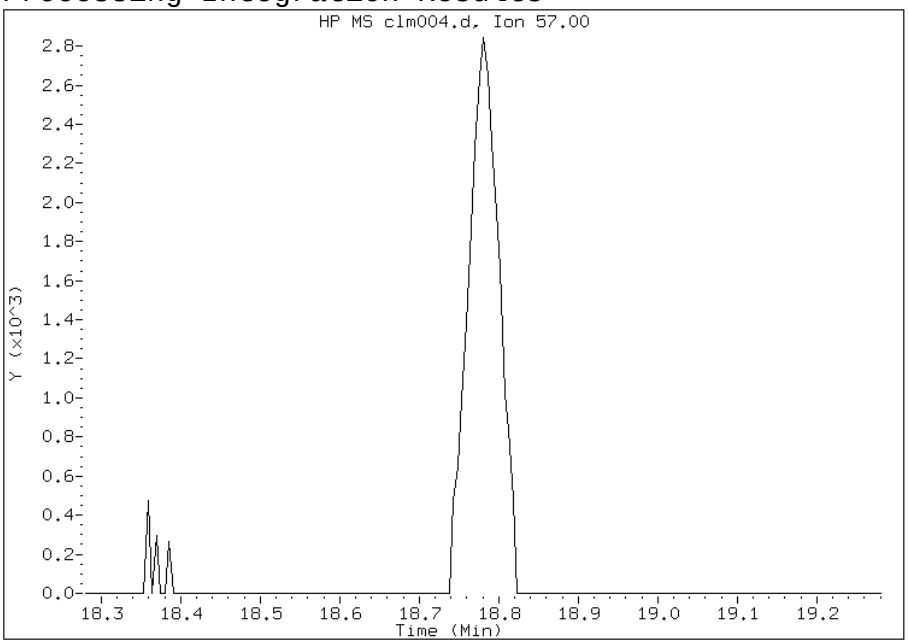
Manual Integration Report

Data File: clm004.d
Lab Sample ID: ic 474964
Inj. Date and Time: 29-MAR-2013 11:31
Instrument ID: C.i
Client ID:
Compound: 67 n-Nonane
CAS #: 111-84-2
Report Date: 04/01/2013

Processing Integration Results

Not Detected

Expected RT: 18.78



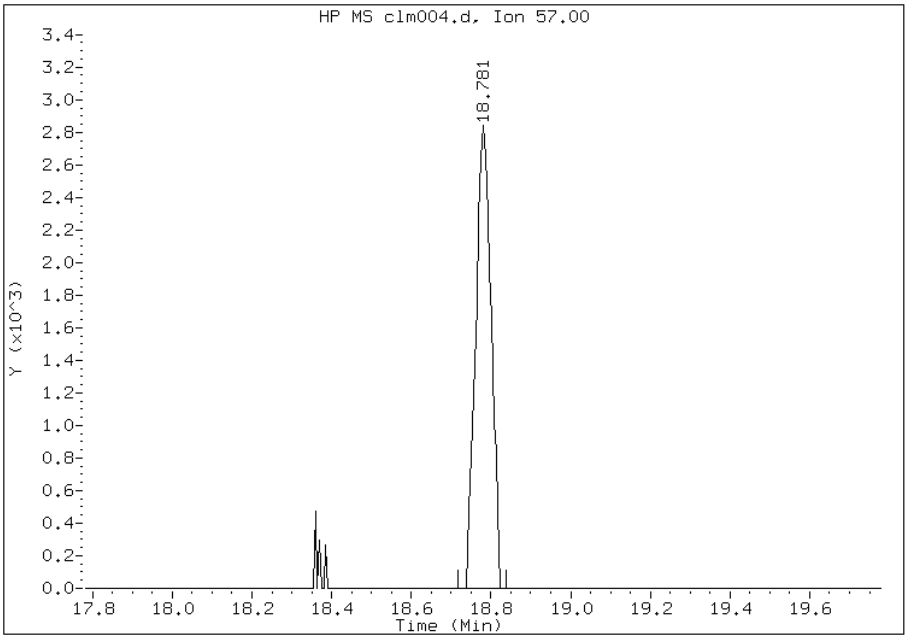
Manual Integration Results

RT: 18.78

Response: 7657

Amount: 0.218327

Conc: 0.218327



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm005.d
Lab Smp Id: ic 463765
Inj Date : 29-MAR-2013 12:23
Operator : wrd Inst ID: C.i
Smp Info : ic 463765
Misc Info : 200,1,level 2
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:17 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 12:23 Cal File: clm005.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.624	3.624	(0.327)	9630	0.50000	0.80(a)
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	42124	0.50000	0.57
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	21419	0.50000	0.64
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.362)	35211	0.50000	0.57
5 Chloromethane	50	4.136	4.136	(0.374)	9388	0.50000	0.67
6 Butane	43	4.382	4.376	(0.396)	14526	0.50000	0.66
7 Vinyl chloride	62	4.414	4.408	(0.399)	10255	0.50000	0.59
8 1,3-Butadiene	54	4.499	4.499	(0.406)	6736	0.50000	0.57
9 Bromomethane	94	5.203	5.209	(0.470)	8701	0.50000	0.55(Q)
10 Chloroethane	64	5.454	5.460	(0.493)	4400	0.50000	0.60(Q)
11 2-Methylbutane	43	5.577	5.577	(0.504)	8931	0.50000	0.64
12 Vinyl bromide	106	5.871	5.865	(0.530)	9380	0.50000	0.53
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	36066	0.50000	0.54
14 Pentane	43	6.159	6.159	(0.556)	15869	0.50000	0.65

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.548	6.548	(0.592)	31000	5.00000	7.0
16	Ethyl ether	59	6.703	6.687	(0.606)	6155	0.50000	0.60(Q)
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.119	7.125	(0.643)	21165	0.50000	0.55
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.135	7.141	(0.645)	8920	0.50000	0.53(Q)
20	Acetone	43	7.338	7.333	(0.663)	34510	0.50000	2.0(aQ)
21	Carbon disulfide	76	7.552	7.546	(0.682)	26682	0.50000	0.55
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	7.925	7.925	(0.716)	9119	0.50000	0.56(Q)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	8.203	8.208	(0.741)	12150	0.50000	0.72(Q)
26	Tert-butyl alcohol	59	8.464	8.448	(0.765)	13801	0.50000	0.54(aQ)
27	Methyl tert-butyl ether	73	8.694	8.683	(0.785)	30220	0.50000	0.61
28	1,2-Dichloroethene (trans)	61	8.694	8.688	(0.785)	14656	0.50000	0.57
29	Acrylonitrile	53	8.758	8.753	(0.791)	5552	0.50000	0.62
30	n-Hexane	57	9.137	9.142	(0.825)	13926	0.50000	0.57
31	1,1-Dichloroethane	63	9.542	9.548	(0.862)	18648	0.50000	0.59(Q)
32	Vinyl acetate	43	9.633	9.628	(0.870)	15951	0.50000	0.62(a)
M 33	1,2-Dichloroethene,Total	61				25066	1.00000	1.1
34	1,2-Dichloroethene (cis)	96	10.636	10.636	(0.961)	10410	0.50000	0.54
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	10.674	10.668	(0.964)	5501	0.50000	0.76(Q)
* 37	Bromochloromethane	128	11.069	11.069	(1.000)	189706	10.0000	
38	Tetrahydrofuran	42	11.138	11.127	(0.863)	7987	0.50000	0.75(a)
39	Chloroform	83	11.197	11.202	(1.012)	26219	0.50000	0.56(Q)
40	Cyclohexane	84	11.528	11.522	(0.894)	14727	0.50000	0.55(M)
41	1,1,1-Trichloroethane	97	11.501	11.501	(0.892)	29917	0.50000	0.51
42	Carbon tetrachloride	117	11.757	11.763	(0.911)	30073	0.50000	0.49
43	2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	44629	0.50000	0.58
44	Benzene	78	12.152	12.152	(0.942)	32809	0.50000	0.56
45	1,2-Dichloroethane	62	12.275	12.280	(0.952)	17816	0.50000	0.53
46	n-Heptane	43	12.547	12.552	(0.973)	13861	0.50000	0.58
* 47	1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1053560	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	13.348	13.342	(1.035)	16105	0.50000	0.51
50	1,2-Dichloropropane	63	13.796	13.796	(1.069)	10044	0.50000	0.56
51	Methyl methacrylate	69	13.961	13.961	(1.082)	6955	0.50000	0.48(aQ)
52	Dibromomethane	174	14.015	14.015	(1.086)	13780	0.50000	0.49
53	1,4-Dioxane	88	14.015	14.004	(1.086)	4047	0.50000	0.54(a)
54	Bromodichloromethane	83	14.271	14.276	(1.106)	25180	0.50000	0.48
55	1,3-Dichloropropene (cis)	75	15.114	15.119	(1.172)	17172	0.50000	0.52
56	Methyl isobutyl ketone	43	15.381	15.370	(1.192)	13121	0.50000	0.61
57	n-Octane	43	15.803	15.808	(1.225)	18432	0.50000	0.59
58	Toluene	92	15.685	15.685	(0.854)	24221	0.50000	0.55
59	1,3-Dichloropropene (trans)	75	16.187	16.182	(1.255)	17736	0.50000	0.51
60	1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	11164	0.50000	0.56
61	Tetrachloroethene	166	16.715	16.710	(0.910)	21521	0.50000	0.49

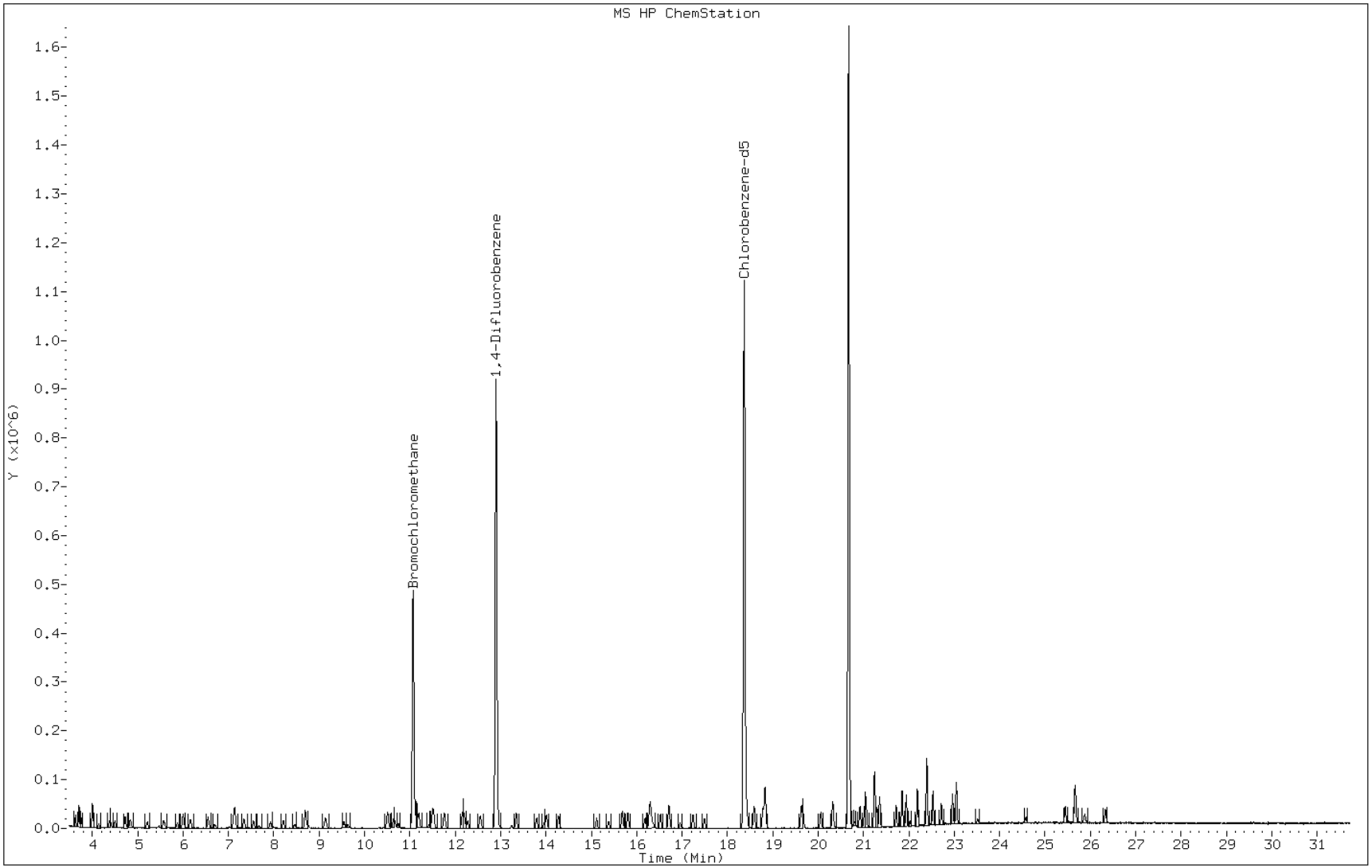
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.961	16.955	(0.923)	10769	0.50000	0.54
63	Dibromochloromethane	129	17.238	17.244	(0.938)	23232	0.50000	0.45
64	1,2-Dibromoethane	107	17.494	17.500	(0.952)	20814	0.50000	0.49
* 65	Chlorobenzene-d5	117	18.370	18.375	(1.000)	975169	10.0000	
66	Chlorobenzene	112	18.434	18.428	(1.003)	31959	0.50000	0.52
67	n-Nonane	57	18.781	18.781	(1.022)	20337	0.50000	0.61(M)
68	Ethylbenzene	91	18.594	18.594	(1.012)	53105	0.50000	0.56
69	Xylene (m,p)	106	18.829	18.834	(1.025)	39125	1.00000	1.1
M 70	Xylenes, Total	106				57562	0.50000	1.6
71	Xylene (o)	106	19.634	19.629	(1.069)	18437	0.50000	0.53
72	Styrene	104	19.677	19.672	(1.071)	23022	0.50000	0.46(M)
73	Bromoform	173	20.061	20.061	(1.092)	21633	0.50000	0.43
74	Isopropylbenzene	105	20.328	20.328	(1.107)	55301	0.50000	0.52(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	24836	0.50000	0.54(Q)
76	n-Propylbenzene	91	21.054	21.054	(1.146)	62280	0.50000	0.52(Q)
77	1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	23322	0.50000	0.61
78	n-Decane	57	21.294	21.294	(1.159)	18751	0.50000	0.52
79	4-Ethyltoluene	105	21.246	21.246	(1.157)	51463	0.50000	0.50
80	2-Chlorotoluene	91	21.241	21.241	(1.156)	50950	0.50000	0.54
81	1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	46673	0.50000	0.51(Q)
82	Alpha Methyl Styrene	118	21.727	21.721	(1.183)	15918	0.50000	0.40
83	tert-butylbenzene	119	21.855	21.855	(1.190)	46490	0.50000	0.52(Q)
84	1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	44060	0.50000	0.49(Q)
85	sec-Butylbenzene	105	22.185	22.186	(1.208)	63119	0.50000	0.51(Q)
86	4-Isopropyltoluene	119	22.394	22.394	(1.219)	52671	0.50000	0.49(Q)
87	1,3-Dichlorobenzene	146	22.404	22.399	(1.220)	32330	0.50000	0.51(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	32820	0.50000	0.51(Q)
89	Benzyl chloride	91	22.714	22.714	(1.236)	35481	0.50000	0.47
90	Undecane	57	23.039	23.039	(1.254)	11058	0.50000	0.40(a)
91	n-Butylbenzene	91	22.965	22.965	(1.250)	41560	0.50000	0.46(Q)
92	1,2-Dichlorobenzene	146	23.050	23.055	(1.255)	31555	0.50000	0.52(Q)
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	25.452	25.452	(1.386)	15329	0.50000	0.38(a)
95	1,3-Hexachlorobutadiene	225	25.660	25.665	(1.397)	25458	0.50000	0.50
96	Naphthalene	128	25.879	25.879	(1.409)	21482	0.50000	0.30(a)
97	1,2,3-Trichlorobenzene	180	26.327	26.327	(1.433)	14823	0.50000	0.42(Q)

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: clm005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 463765
Lab Sample ID: ic 463765

Date: 29-MAR-2013 12:23
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: clm005.d
Lab Sample ID: ic 463765
Inj. Date and Time: 29-MAR-2013 12:23
Instrument ID: C.i
Client ID:
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 04/01/2013

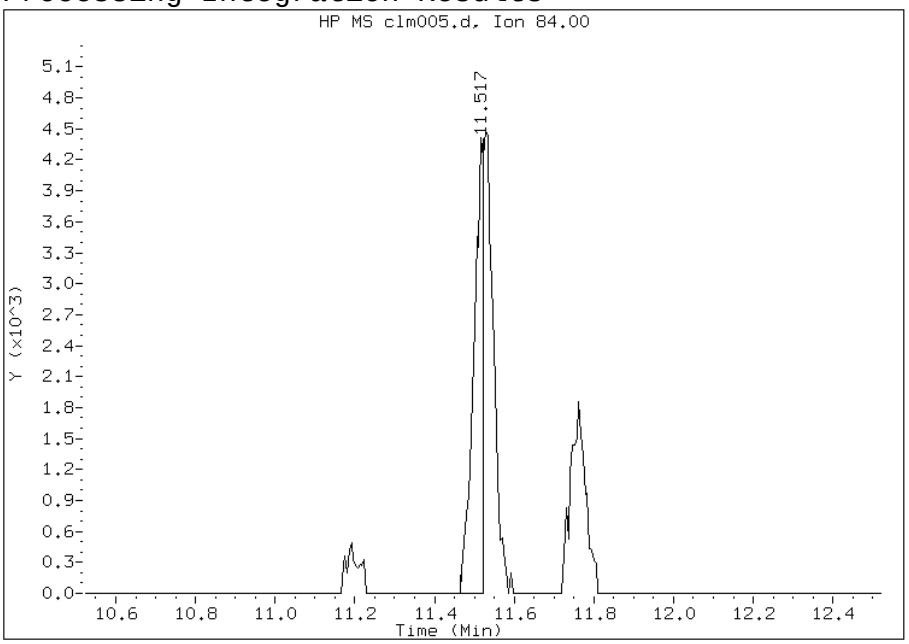
Processing Integration Results

RT: 11.52

Response: 7568

Amount: 0.306818

Conc: 0.306818



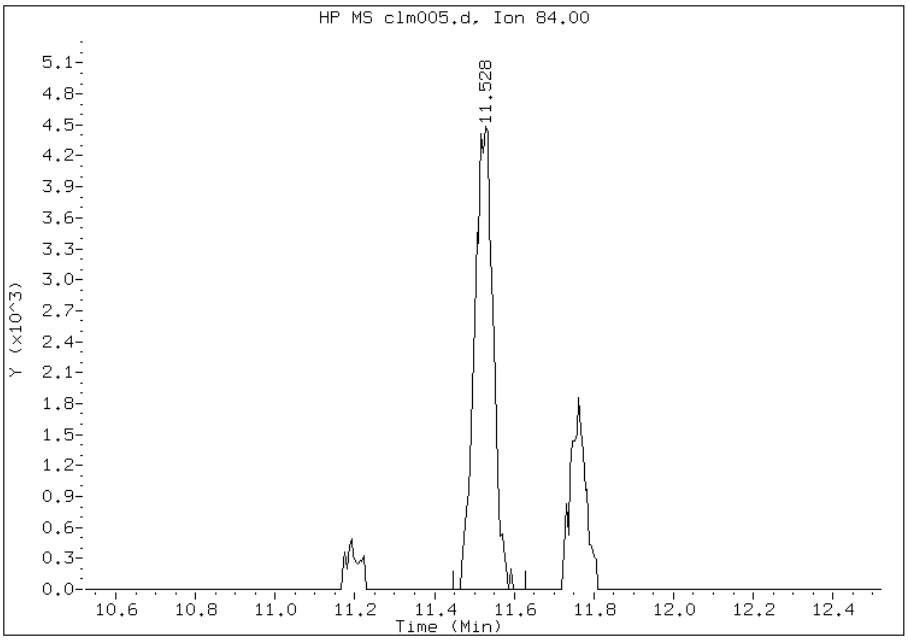
Manual Integration Results

RT: 11.53

Response: 14727

Amount: 0.551334

Conc: 0.551334



File Uploaded By: jd1
Manual Integration Reason: Baseline event

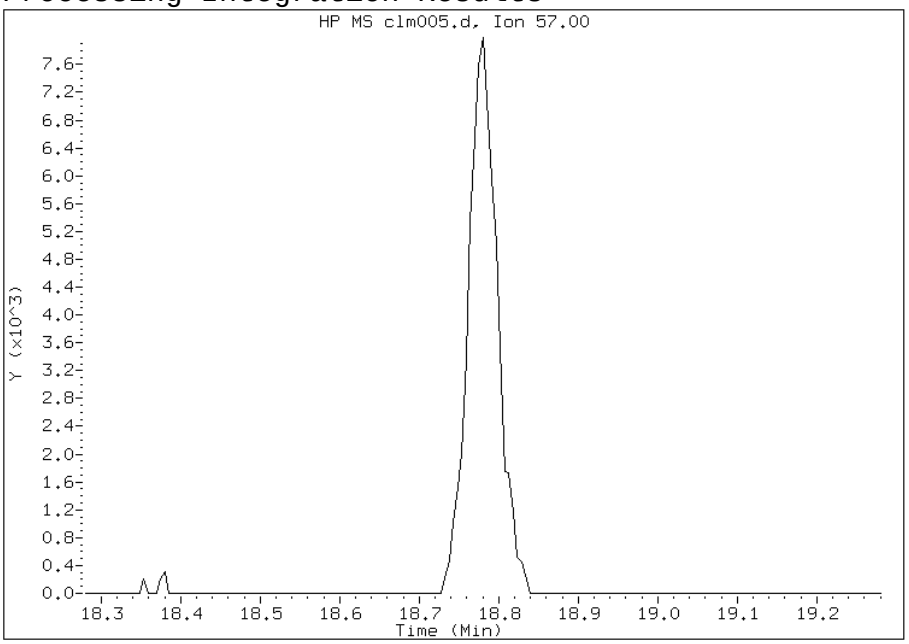
Manual Integration Report

Data File: clm005.d
Lab Sample ID: ic 463765
Inj. Date and Time: 29-MAR-2013 12:23
Instrument ID: C.i
Client ID:
Compound: 67 n-Nonane
CAS #: 111-84-2
Report Date: 04/01/2013

Processing Integration Results

Not Detected

Expected RT: 18.78



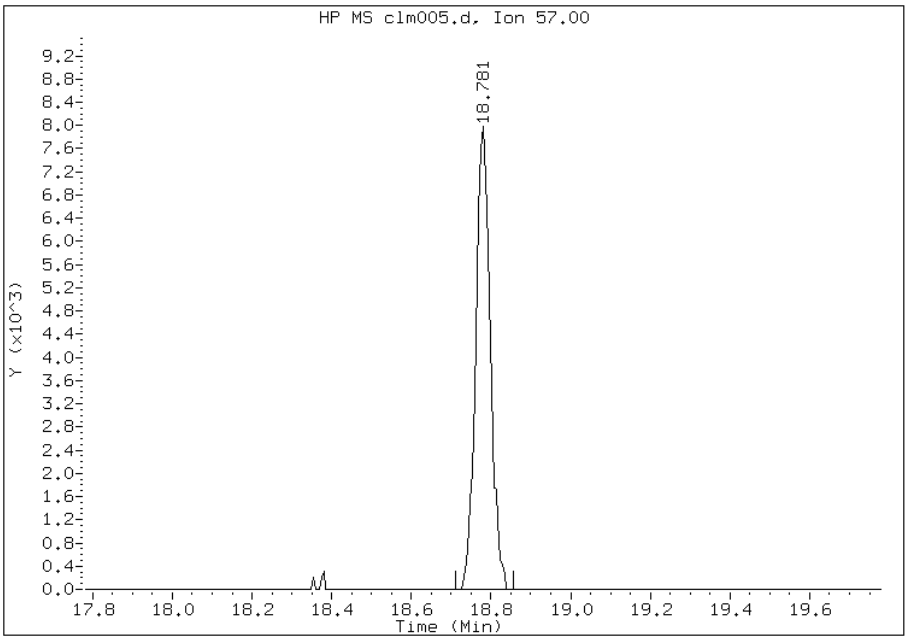
Manual Integration Results

RT: 18.78

Response: 20337

Amount: 0.613392

Conc: 0.613392



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm005.d
Lab Sample ID: ic 463765
Inj. Date and Time: 29-MAR-2013 12:23
Instrument ID: C.i
Client ID:
Compound: 72 Styrene
CAS #: 100-42-5
Report Date: 04/01/2013

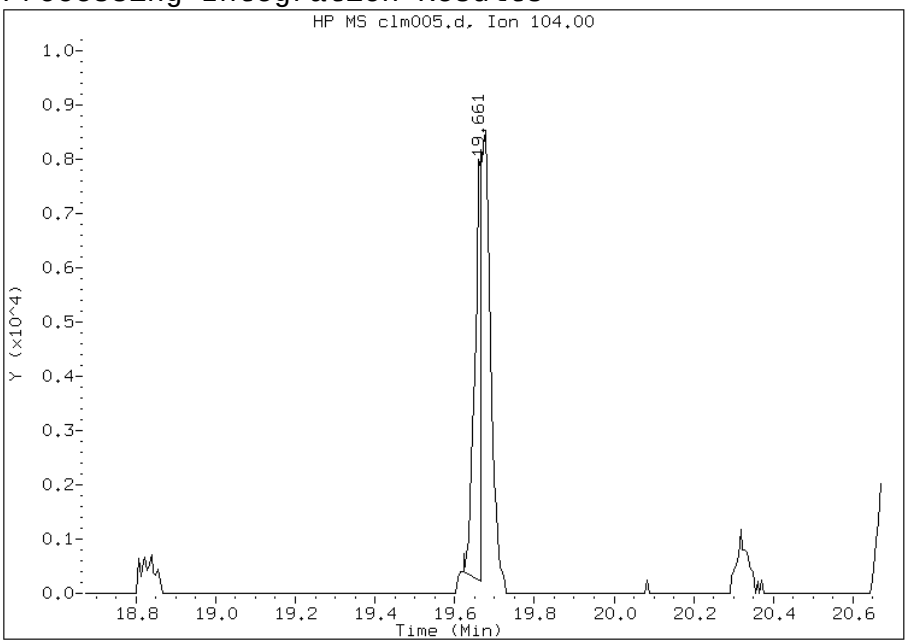
Processing Integration Results

RT: 19.66

Response: 9418

Amount: 0.203854

Conc: 0.203854



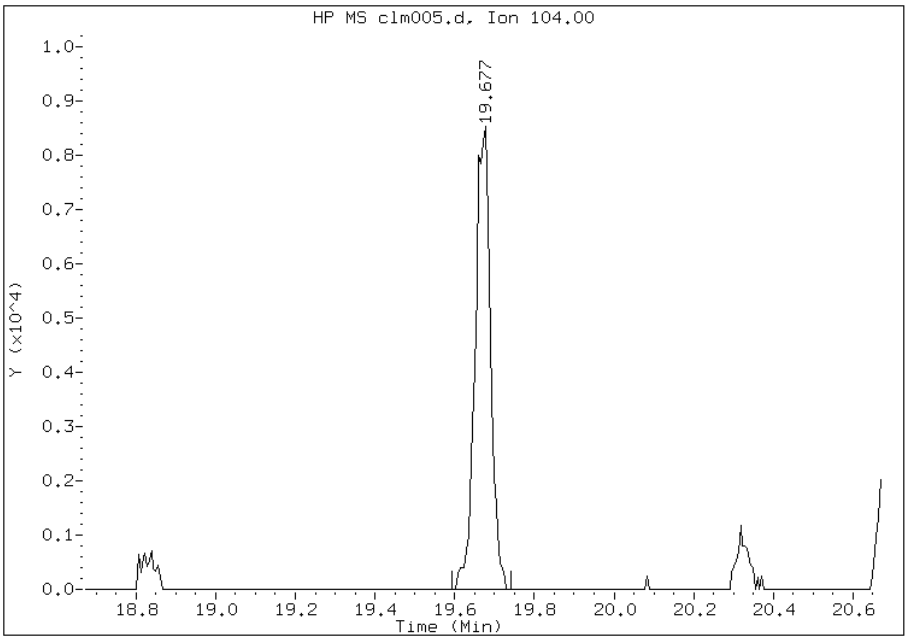
Manual Integration Results

RT: 19.68

Response: 23022

Amount: 0.459644

Conc: 0.459644



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm006.d
Lab Smp Id: ic 474911
Inj Date : 29-MAR-2013 13:16
Operator : wrd Inst ID: C.i
Smp Info : ic 474911
Misc Info : 100,1,level 3
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:17 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 13:16 Cal File: clm006.d
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	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	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.624	3.624	(0.327)	87972	5.00000	7.3
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	406832	5.00000	5.5
3 Chlorodifluoromethane	51	3.752	3.752	(0.339)	200102	5.00000	6.1
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.362)	338556	5.00000	5.6
5 Chloromethane	50	4.142	4.136	(0.374)	86850	5.00000	6.3
6 Butane	43	4.376	4.376	(0.395)	140452	5.00000	6.5
7 Vinyl chloride	62	4.414	4.408	(0.399)	98399	5.00000	5.7
8 1,3-Butadiene	54	4.499	4.499	(0.406)	71548	5.00000	6.1
9 Bromomethane	94	5.209	5.209	(0.471)	84838	5.00000	5.4(Q)
10 Chloroethane	64	5.460	5.460	(0.493)	42780	5.00000	5.9(Q)
11 2-Methylbutane	43	5.577	5.577	(0.504)	83448	5.00000	6.1
12 Vinyl bromide	106	5.871	5.865	(0.530)	93344	5.00000	5.4
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	356522	5.00000	5.4
14 Pentane	43	6.159	6.159	(0.556)	154744	5.00000	6.4

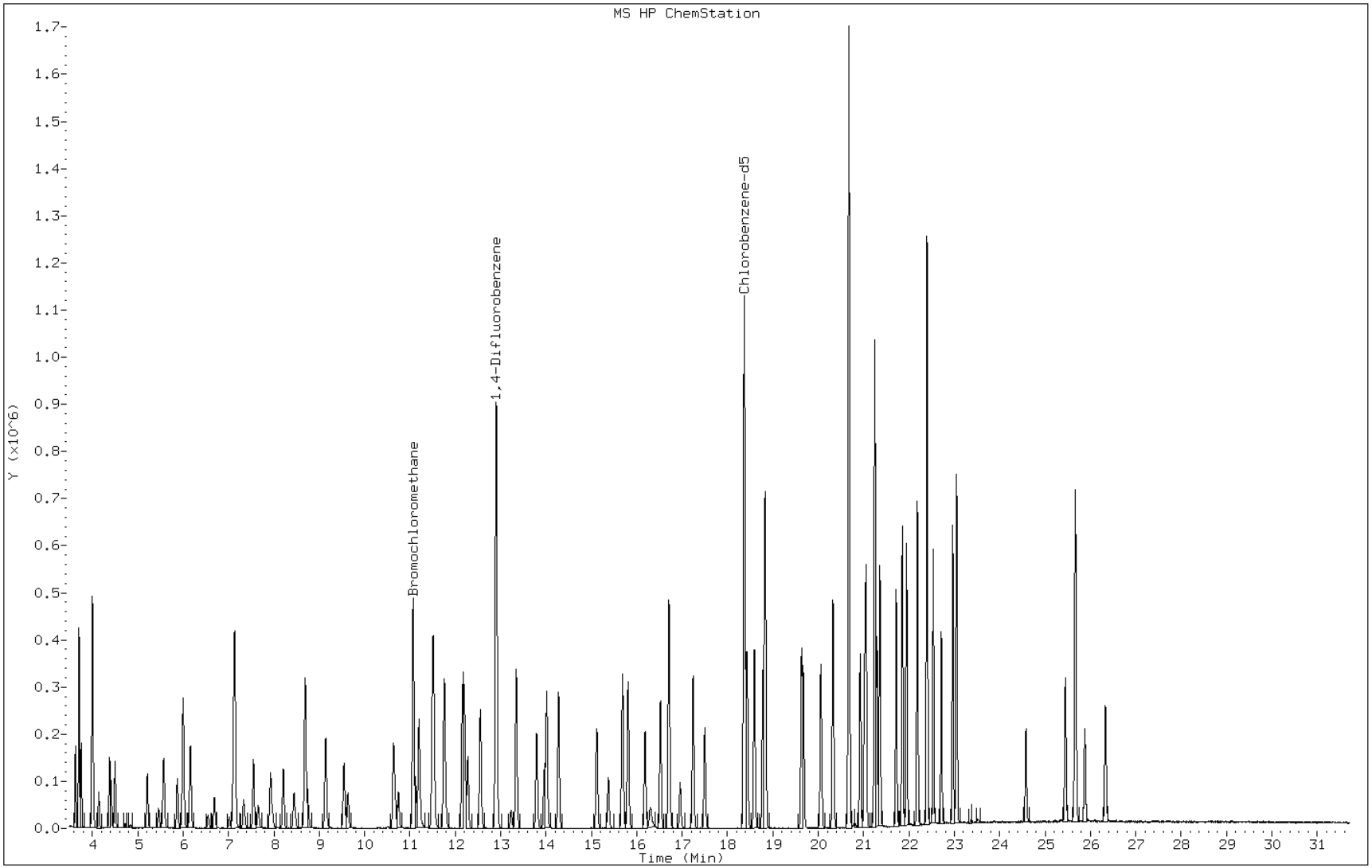
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.554	6.548	(0.592)	40156	10.0000	9.2
16	Ethyl ether	59	6.693	6.687	(0.605)	55700	5.00000	5.5(Q)
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.125	7.125	(0.644)	207231	5.00000	5.4
18	Acrolein	56	7.013	7.013	(0.634)	26157	5.00000	5.8
19	1,1-Dichloroethene	96	7.146	7.141	(0.646)	89917	5.00000	5.4(Q)
20	Acetone	43	7.333	7.333	(0.662)	107730	5.00000	6.3(Q)
21	Carbon disulfide	76	7.552	7.546	(0.682)	271922	5.00000	5.6
22	Isopropanol	45	7.659	7.658	(0.692)	80629	5.00000	6.0
23	Allyl chloride	41	7.925	7.925	(0.716)	90679	5.00000	5.7(M)
24	Acetonitrile	41	7.947	7.957	(0.718)	57513	5.00000	7.0(QM)
25	Methylene chloride	49	8.214	8.208	(0.742)	96738	5.00000	5.8(Q)
26	Tert-butyl alcohol	59	8.448	8.448	(0.763)	135259	5.00000	5.3(Q)
27	Methyl tert-butyl ether	73	8.683	8.683	(0.784)	240332	5.00000	4.9
28	1,2-Dichloroethene (trans)	61	8.694	8.688	(0.785)	147729	5.00000	5.8
29	Acrylonitrile	53	8.753	8.753	(0.791)	49565	5.00000	5.6
30	n-Hexane	57	9.137	9.142	(0.825)	138441	5.00000	5.7
31	1,1-Dichloroethane	63	9.548	9.548	(0.863)	183585	5.00000	5.8(Q)
32	Vinyl acetate	43	9.628	9.628	(0.870)	147397	5.00000	5.8
M 33	1,2-Dichloroethene,Total	61				251954	10.0000	11
34	1,2-Dichloroethene (cis)	96	10.637	10.636	(0.961)	104225	5.00000	5.4
35	Ethyl acetate	88	10.743	10.743	(0.971)	5924	5.00000	4.9(aQ)
36	Methyl Ethyl Ketone	72	10.669	10.668	(0.964)	33543	5.00000	4.7(Q)
* 37	Bromochloromethane	128	11.069	11.069	(1.000)	187587	10.0000	
38	Tetrahydrofuran	42	11.128	11.127	(0.863)	62557	5.00000	6.0
39	Chloroform	83	11.202	11.202	(1.012)	253385	5.00000	5.4(Q)
40	Cyclohexane	84	11.523	11.522	(0.893)	137801	5.00000	5.3
41	1,1,1-Trichloroethane	97	11.496	11.501	(0.891)	303153	5.00000	5.3
42	Carbon tetrachloride	117	11.763	11.763	(0.912)	316348	5.00000	5.3
43	2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	435043	5.00000	5.8
44	Benzene	78	12.152	12.152	(0.942)	302965	5.00000	5.3
45	1,2-Dichloroethane	62	12.280	12.280	(0.952)	180563	5.00000	5.5
46	n-Heptane	43	12.558	12.552	(0.974)	140215	5.00000	6.0
* 47	1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1029802	10.0000	
48	n-Butanol	56	13.230	13.225	(1.026)	31058	5.00000	5.0
49	Trichloroethene	95	13.342	13.342	(1.034)	164937	5.00000	5.4
50	1,2-Dichloropropane	63	13.796	13.796	(1.069)	99155	5.00000	5.7
51	Methyl methacrylate	69	13.961	13.961	(1.082)	69644	5.00000	4.9(Q)
52	Dibromomethane	174	14.015	14.015	(1.086)	136488	5.00000	4.9
53	1,4-Dioxane	88	14.009	14.004	(1.086)	38109	5.00000	5.2
54	Bromodichloromethane	83	14.276	14.276	(1.107)	279619	5.00000	5.5
55	1,3-Dichloropropene (cis)	75	15.120	15.119	(1.172)	175286	5.00000	5.4
56	Methyl isobutyl ketone	43	15.370	15.370	(1.192)	100027	5.00000	4.8
57	n-Octane	43	15.803	15.808	(1.225)	176163	5.00000	5.8
58	Toluene	92	15.685	15.685	(0.854)	214495	5.00000	4.9
59	1,3-Dichloropropene (trans)	75	16.187	16.182	(1.255)	175298	5.00000	5.2
60	1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	101925	5.00000	5.1
61	Tetrachloroethene	166	16.710	16.710	(0.910)	215704	5.00000	4.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.955	16.955	(0.923)	90792	5.00000	4.5
63	Dibromochloromethane	129	17.244	17.244	(0.939)	258396	5.00000	5.0
64	1,2-Dibromoethane	107	17.500	17.500	(0.953)	211734	5.00000	5.0
* 65	Chlorobenzene-d5	117	18.370	18.375	(1.000)	978633	10.0000	
66	Chlorobenzene	112	18.428	18.428	(1.003)	300934	5.00000	4.9
67	n-Nonane	57	18.781	18.781	(1.022)	168027	5.00000	5.0
68	Ethylbenzene	91	18.589	18.594	(1.012)	439225	5.00000	4.6
69	Xylene (m,p)	106	18.829	18.834	(1.025)	324994	10.0000	9.1
M 70	Xylenes, Total	106				484128	5.00000	14
71	Xylene (o)	106	19.629	19.629	(1.069)	159134	5.00000	4.6
72	Styrene	104	19.672	19.672	(1.071)	236160	5.00000	4.7
73	Bromoform	173	20.056	20.061	(1.092)	239705	5.00000	4.8
74	Isopropylbenzene	105	20.323	20.328	(1.106)	483006	5.00000	4.5(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	216793	5.00000	4.7(Q)
76	n-Propylbenzene	91	21.054	21.054	(1.146)	560202	5.00000	4.6(Q)
77	1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	184568	5.00000	4.8
78	n-Decane	57	21.294	21.294	(1.159)	180360	5.00000	5.0
79	4-Ethyltoluene	105	21.246	21.246	(1.157)	482878	5.00000	4.7
80	2-Chlorotoluene	91	21.241	21.241	(1.156)	454291	5.00000	4.8
81	1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	421994	5.00000	4.6(Q)
82	Alpha Methyl Styrene	118	21.721	21.721	(1.182)	185691	5.00000	4.6
83	tert-butylbenzene	119	21.855	21.855	(1.190)	407120	5.00000	4.5(Q)
84	1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	420280	5.00000	4.7(Q)
85	sec-Butylbenzene	105	22.186	22.186	(1.208)	580359	5.00000	4.6(Q)
86	4-Isopropyltoluene	119	22.394	22.394	(1.219)	499686	5.00000	4.6(Q)
87	1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	287507	5.00000	4.5(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	278930	5.00000	4.4(Q)
89	Benzyl chloride	91	22.714	22.714	(1.236)	337485	5.00000	4.4
90	Undecane	57	23.040	23.039	(1.254)	117357	5.00000	4.3(a)
91	n-Butylbenzene	91	22.965	22.965	(1.250)	419349	5.00000	4.7(Q)
92	1,2-Dichlorobenzene	146	23.050	23.055	(1.255)	279805	5.00000	4.6(Q)
93	Dodecane	57	24.577	24.571	(1.338)	88236	5.00000	4.4(a)
94	1,2,4-Trichlorobenzene	180	25.452	25.452	(1.386)	143965	5.00000	3.6
95	1,3-Hexachlorobutadiene	225	25.665	25.665	(1.397)	230095	5.00000	4.5
96	Naphthalene	128	25.879	25.879	(1.409)	250198	5.00000	3.5
97	1,2,3-Trichlorobenzene	180	26.327	26.327	(1.433)	131135	5.00000	3.7(Q)

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:	clm006.d	Date:	29-MAR-2013 13:16
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 474911		
Lab Sample ID:	ic 474911		



Manual Integration Report

Data File: clm006.d
Lab Sample ID: ic 474911
Inj. Date and Time: 29-MAR-2013 13:16
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/01/2013

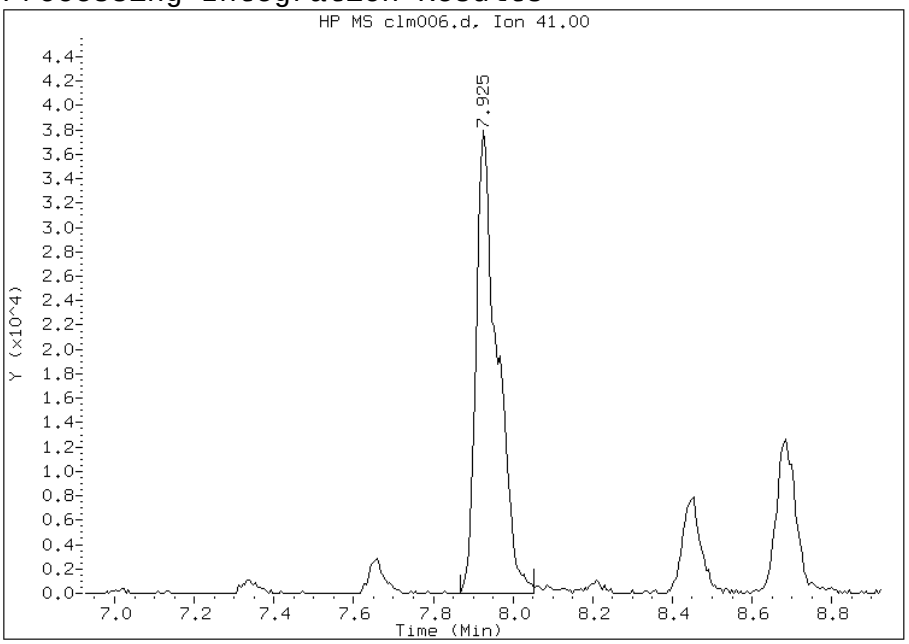
Processing Integration Results

RT: 7.93

Response: 141337

Amount: 7.86

Conc: 7.86



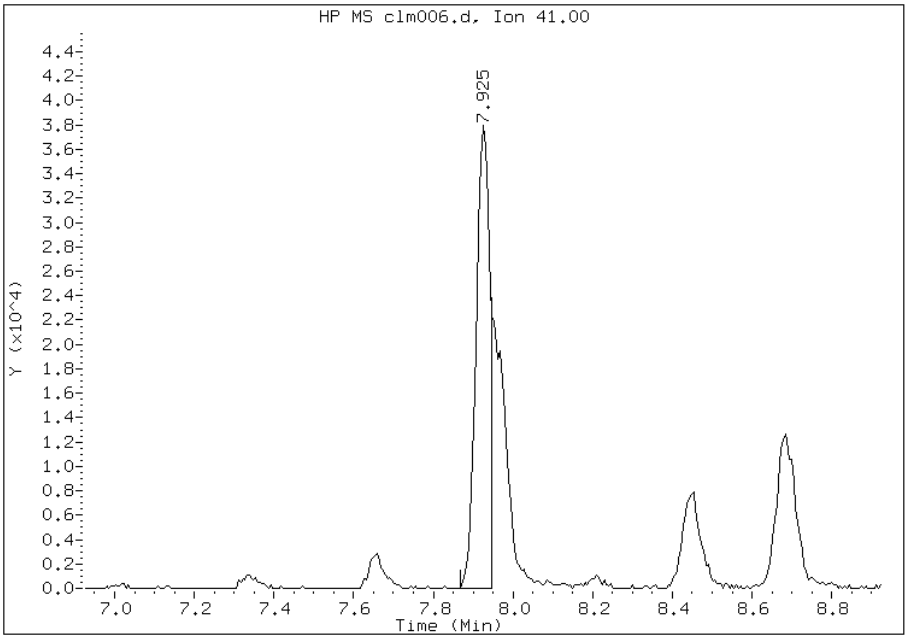
Manual Integration Results

RT: 7.93

Response: 90679

Amount: 5.68

Conc: 5.68



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm006.d
Lab Sample ID: ic 474911
Inj. Date and Time: 29-MAR-2013 13:16
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 04/01/2013

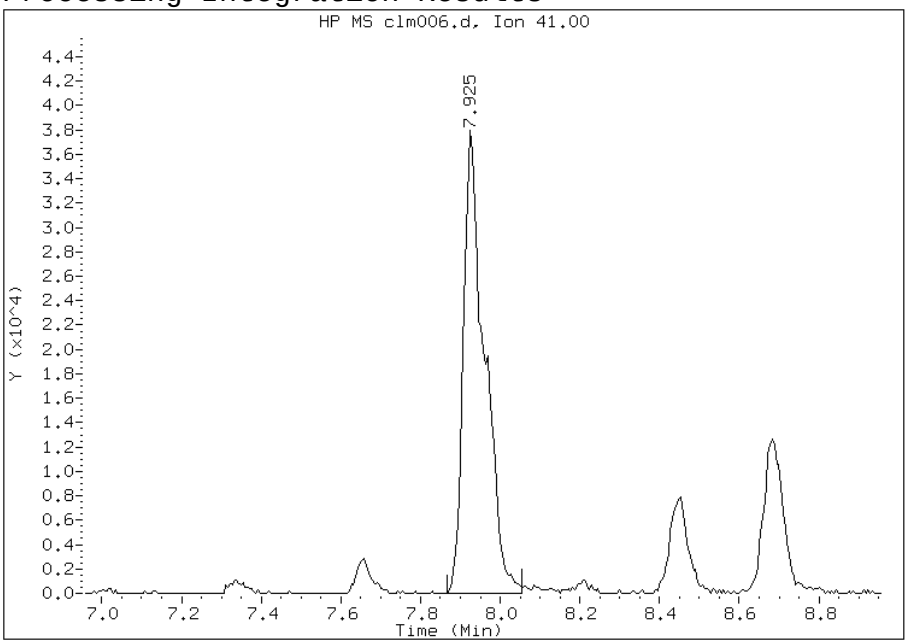
Processing Integration Results

RT: 7.93

Response: 141337

Amount: 6.49

Conc: 6.49



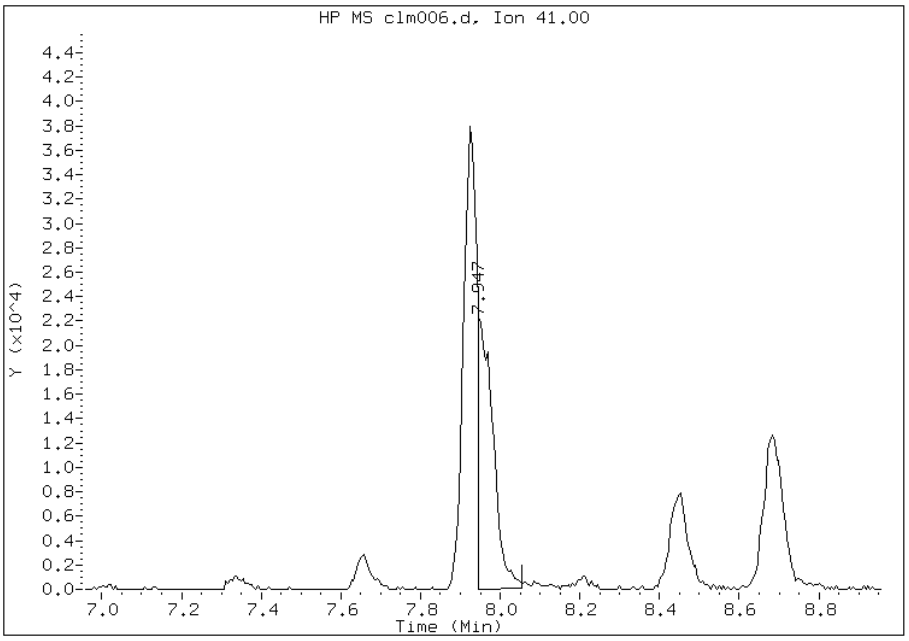
Manual Integration Results

RT: 7.95

Response: 57513

Amount: 7.04

Conc: 7.04



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm007.d
Lab Smp Id: icis 474911
Inj Date : 29-MAR-2013 14:09
Operator : wrd Inst ID: C.i
Smp Info : icis 474911
Misc Info : 200,1,level 4
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:17 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 14:09 Cal File: clm007.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.624	3.624	(0.327)	145457	10.0000	11
2 Dichlorodifluoromethane	85	3.704	3.704	(0.335)	825670	10.0000	10
3 Chlorodifluoromethane	51	3.752	3.752	(0.339)	363787	10.0000	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.362)	674203	10.0000	10
5 Chloromethane	50	4.136	4.136	(0.374)	153686	10.0000	10
6 Butane	43	4.376	4.376	(0.395)	240901	10.0000	10
7 Vinyl chloride	62	4.408	4.408	(0.398)	186797	10.0000	9.8
8 1,3-Butadiene	54	4.499	4.499	(0.406)	135614	10.0000	11
9 Bromomethane	94	5.209	5.209	(0.471)	169590	10.0000	9.9(Q)
10 Chloroethane	64	5.460	5.460	(0.493)	80762	10.0000	10(Q)
11 2-Methylbutane	43	5.577	5.577	(0.504)	146910	10.0000	9.7
12 Vinyl bromide	106	5.865	5.865	(0.530)	194248	10.0000	10
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	726928	10.0000	10
14 Pentane	43	6.159	6.159	(0.556)	274111	10.0000	10

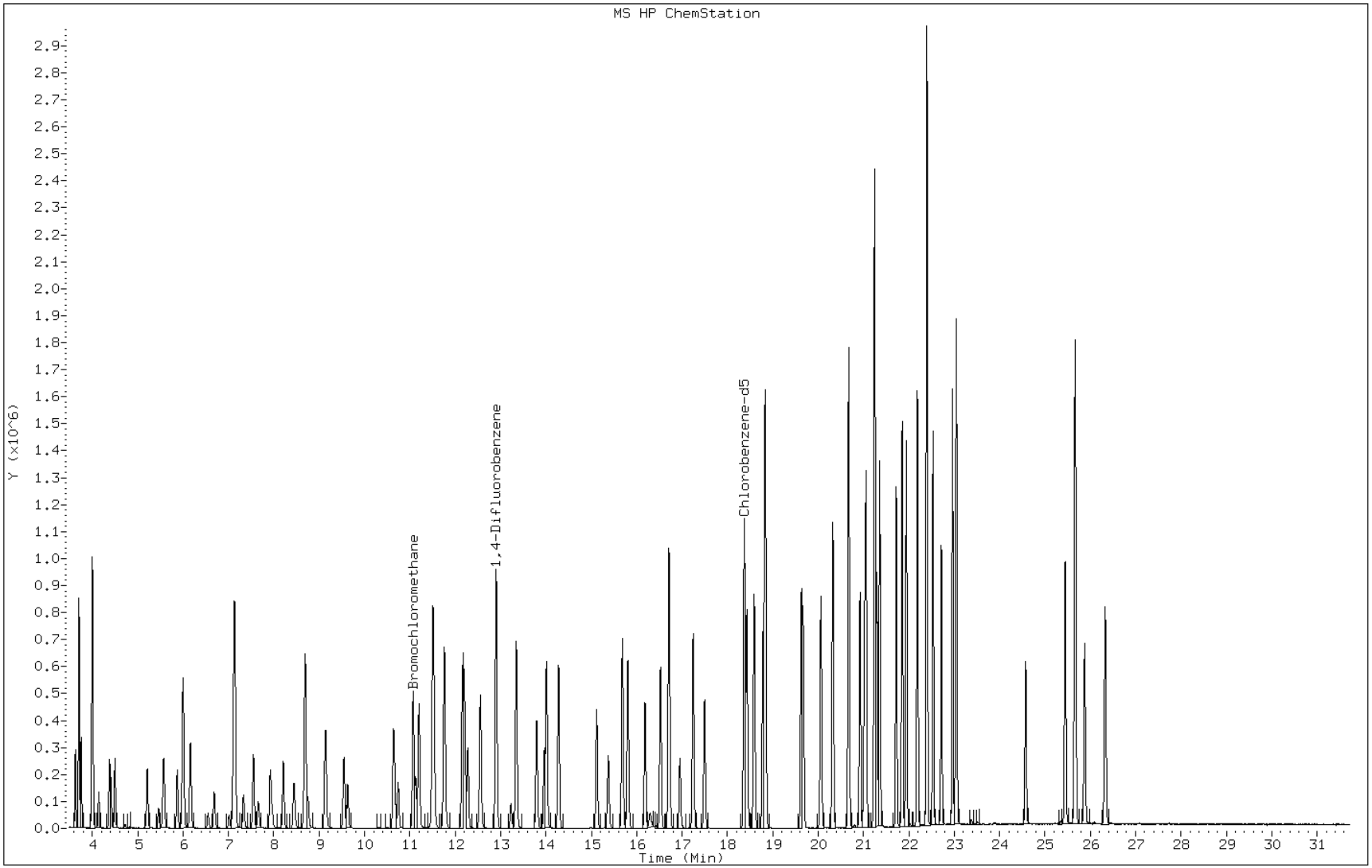
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.548	6.548	(0.592)	80015	15.0000	17
	16 Ethyl ether	59	6.687	6.687	(0.604)	115520	10.0000	10(Q)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.125	7.125	(0.644)	418527	10.0000	9.9
	18 Acrolein	56	7.013	7.013	(0.634)	54862	10.0000	11
	19 1,1-Dichloroethene	96	7.141	7.141	(0.645)	181979	10.0000	9.9(Q)
	20 Acetone	43	7.333	7.333	(0.662)	213797	10.0000	11(Q)
	21 Carbon disulfide	76	7.546	7.546	(0.682)	541281	10.0000	10
	22 Isopropanol	45	7.658	7.658	(0.692)	172021	10.0000	12
	23 Allyl chloride	41	7.925	7.925	(0.716)	182674	10.0000	10(M)
	24 Acetonitrile	41	7.957	7.957	(0.719)	99399	10.0000	11(QM)
	25 Methylene chloride	49	8.208	8.208	(0.742)	178273	10.0000	9.7(Q)
	26 Tert-butyl alcohol	59	8.448	8.448	(0.763)	312997	10.0000	11(Q)
	27 Methyl tert-butyl ether	73	8.683	8.683	(0.784)	533268	10.0000	10
	28 1,2-Dichloroethene (trans)	61	8.688	8.688	(0.785)	283729	10.0000	10
	29 Acrylonitrile	53	8.753	8.753	(0.791)	106129	10.0000	11
	30 n-Hexane	57	9.142	9.142	(0.826)	270525	10.0000	10
	31 1,1-Dichloroethane	63	9.548	9.548	(0.863)	350983	10.0000	10(Q)
	32 Vinyl acetate	43	9.628	9.628	(0.870)	315171	10.0000	11
M	33 1,2-Dichloroethene,Total	61				495469	20.0000	20
	34 1,2-Dichloroethene (cis)	96	10.636	10.636	(0.961)	211740	10.0000	10
	35 Ethyl acetate	88	10.743	10.743	(0.971)	14563	10.0000	11
	36 Methyl Ethyl Ketone	72	10.668	10.668	(0.964)	77197	10.0000	9.8
*	37 Bromochloromethane	128	11.069	11.069	(1.000)	206765	10.0000	
	38 Tetrahydrofuran	42	11.127	11.127	(0.862)	126143	10.0000	11
	39 Chloroform	83	11.202	11.202	(1.012)	516982	10.0000	10(Q)
	40 Cyclohexane	84	11.522	11.522	(0.893)	282543	10.0000	9.9
	41 1,1,1-Trichloroethane	97	11.501	11.501	(0.891)	621775	10.0000	10
	42 Carbon tetrachloride	117	11.763	11.763	(0.911)	671472	10.0000	10
	43 2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	830297	10.0000	10
	44 Benzene	78	12.152	12.152	(0.942)	611538	10.0000	9.8
	45 1,2-Dichloroethane	62	12.280	12.280	(0.952)	363083	10.0000	10
	46 n-Heptane	43	12.552	12.552	(0.973)	255790	10.0000	10
*	47 1,4-Difluorobenzene	114	12.905	12.905	(1.000)	1123457	10.0000	
	48 n-Butanol	56	13.225	13.225	(1.025)	77216	10.0000	11
	49 Trichloroethene	95	13.342	13.342	(1.034)	333225	10.0000	10
	50 1,2-Dichloropropane	63	13.796	13.796	(1.069)	195121	10.0000	10
	51 Methyl methacrylate	69	13.961	13.961	(1.082)	165793	10.0000	11(Q)
	52 Dibromomethane	174	14.015	14.015	(1.086)	303695	10.0000	10
	53 1,4-Dioxane	88	14.004	14.004	(1.085)	88862	10.0000	11
	54 Bromodichloromethane	83	14.276	14.276	(1.106)	583821	10.0000	10
	55 1,3-Dichloropropene (cis)	75	15.119	15.119	(1.172)	368751	10.0000	10
	56 Methyl isobutyl ketone	43	15.370	15.370	(1.191)	235579	10.0000	10
	57 n-Octane	43	15.808	15.808	(1.225)	340746	10.0000	10
	58 Toluene	92	15.685	15.685	(0.854)	471470	10.0000	10
	59 1,3-Dichloropropene (trans)	75	16.182	16.182	(1.254)	395567	10.0000	11
	60 1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	220789	10.0000	10
	61 Tetrachloroethene	166	16.710	16.710	(0.909)	481857	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.955	16.955	(0.923)	231435	10.0000	11
63	Dibromochloromethane	129	17.244	17.244	(0.938)	588555	10.0000	11
64	1,2-Dibromoethane	107	17.500	17.500	(0.952)	478199	10.0000	11
* 65	Chlorobenzene-d5	117	18.375	18.375	(1.000)	1046002	10.0000	
66	Chlorobenzene	112	18.428	18.428	(1.003)	682186	10.0000	10
67	n-Nonane	57	18.781	18.781	(1.022)	363297	10.0000	10
68	Ethylbenzene	91	18.594	18.594	(1.012)	1021415	10.0000	10
69	Xylene (m,p)	106	18.834	18.834	(1.025)	768709	20.0000	20
M 70	Xylenes, Total	106				1149790	10.0000	30
71	Xylene (o)	106	19.629	19.629	(1.068)	381081	10.0000	10
72	Styrene	104	19.672	19.672	(1.071)	586263	10.0000	11
73	Bromoform	173	20.061	20.061	(1.092)	593611	10.0000	11
74	Isopropylbenzene	105	20.328	20.328	(1.106)	1162238	10.0000	10(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	504109	10.0000	10(Q)
76	n-Propylbenzene	91	21.054	21.054	(1.146)	1335610	10.0000	10(Q)
77	1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	420109	10.0000	10
78	n-Decane	57	21.294	21.294	(1.159)	418086	10.0000	11
79	4-Ethyltoluene	105	21.246	21.246	(1.156)	1163438	10.0000	11
80	2-Chlorotoluene	91	21.241	21.241	(1.156)	1043742	10.0000	10
81	1,3,5-Trimethylbenzene	105	21.358	21.358	(1.162)	1032884	10.0000	10(Q)
82	Alpha Methyl Styrene	118	21.721	21.721	(1.182)	484046	10.0000	11
83	tert-butylbenzene	119	21.855	21.855	(1.189)	983998	10.0000	10(Q)
84	1,2,4-Trimethylbenzene	105	21.945	21.945	(1.194)	1023652	10.0000	11(Q)
85	sec-Butylbenzene	105	22.186	22.186	(1.207)	1392921	10.0000	10(Q)
86	4-Isopropyltoluene	119	22.394	22.394	(1.219)	1212477	10.0000	11(Q)
87	1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	721451	10.0000	11(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	724158	10.0000	11(Q)
89	Benzyl chloride	91	22.714	22.714	(1.236)	883562	10.0000	11
90	Undecane	57	23.039	23.039	(1.254)	321258	10.0000	11
91	n-Butylbenzene	91	22.965	22.965	(1.250)	1049750	10.0000	11(Q)
92	1,2-Dichlorobenzene	146	23.055	23.055	(1.255)	696729	10.0000	11(Q)
93	Dodecane	57	24.571	24.571	(1.337)	266468	10.0000	12
94	1,2,4-Trichlorobenzene	180	25.452	25.452	(1.385)	471168	10.0000	11
95	1,3-Hexachlorobutadiene	225	25.665	25.665	(1.397)	590020	10.0000	11
96	Naphthalene	128	25.879	25.879	(1.408)	837794	10.0000	11
97	1,2,3-Trichlorobenzene	180	26.327	26.327	(1.433)	427080	10.0000	11(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clm007.d	Date:	29-MAR-2013 14:09
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icis 474911		
Lab Sample ID:	icis 474911		



Manual Integration Report

Data File: clm007.d
Lab Sample ID: icis 474911
Inj. Date and Time: 29-MAR-2013 14:09
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/01/2013

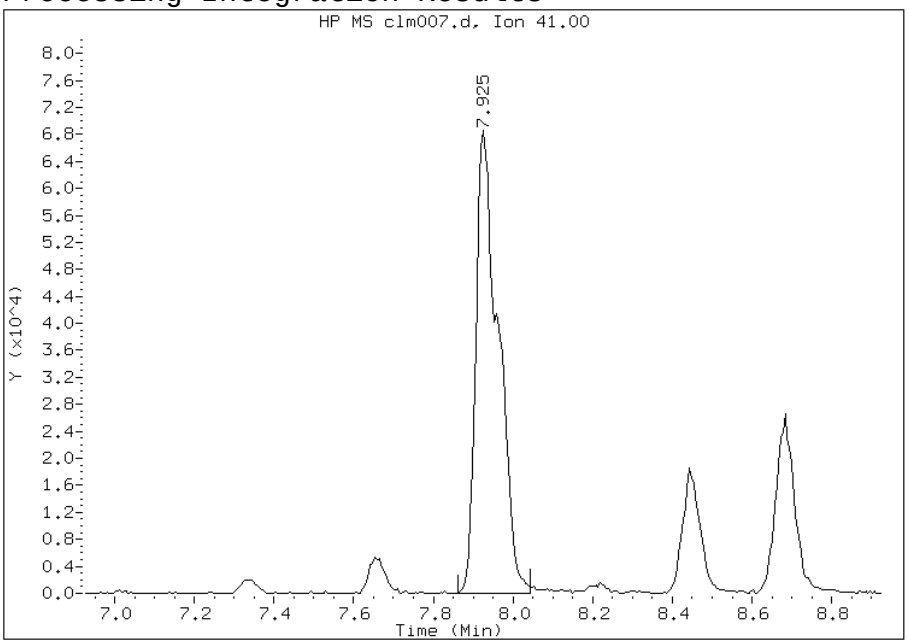
Processing Integration Results

RT: 7.93

Response: 268558

Amount: 12.74

Conc: 12.74



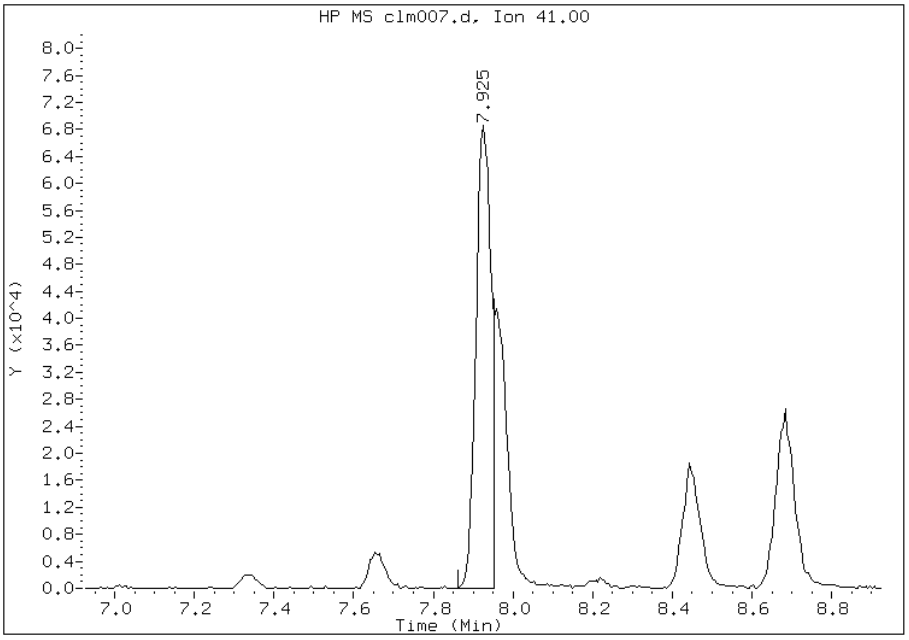
Manual Integration Results

RT: 7.93

Response: 182674

Amount: 10.37

Conc: 10.37



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm007.d
Lab Sample ID: icis 474911
Inj. Date and Time: 29-MAR-2013 14:09
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 04/01/2013

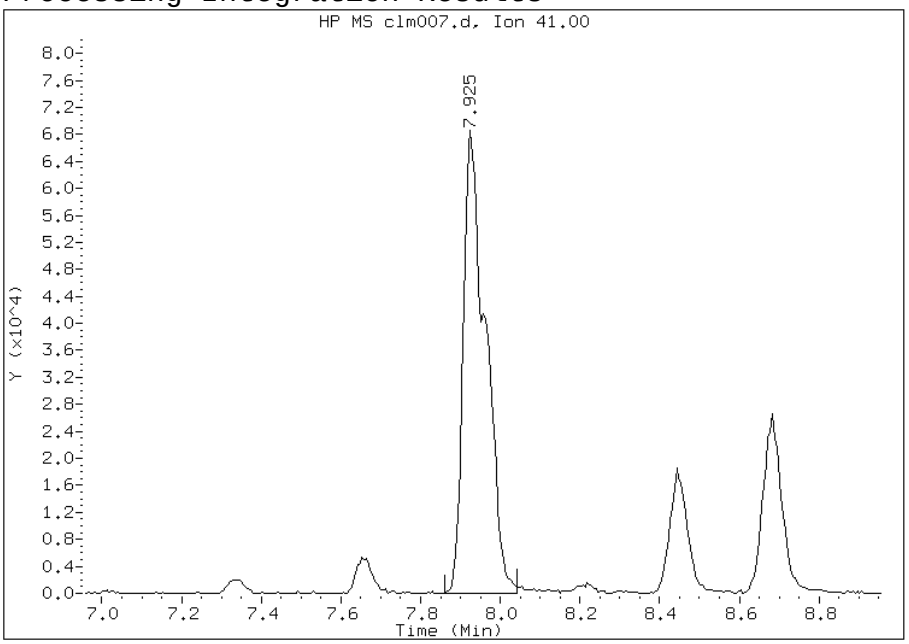
Processing Integration Results

RT: 7.93

Response: 268558

Amount: 13.21

Conc: 13.21



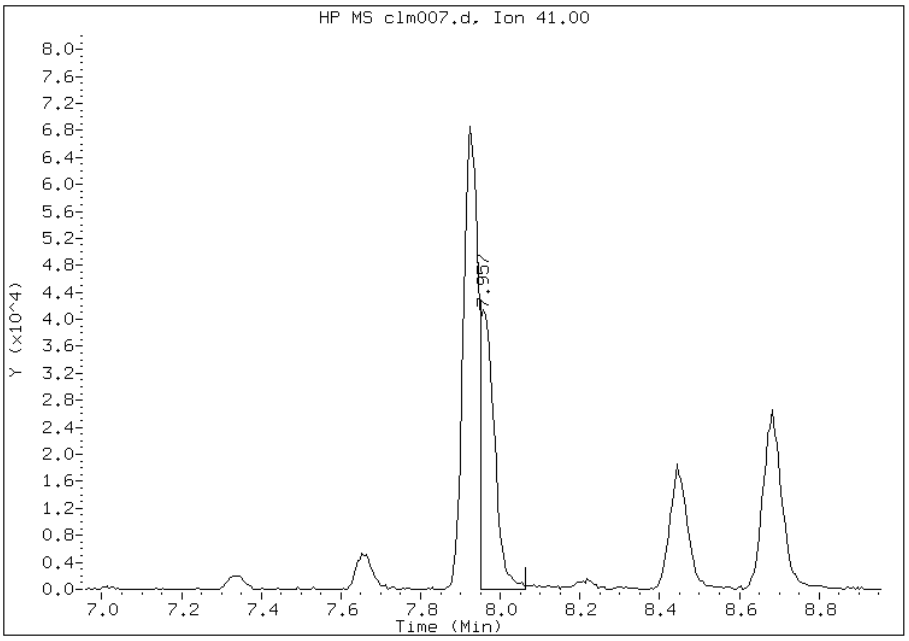
Manual Integration Results

RT: 7.96

Response: 99399

Amount: 11.03

Conc: 11.03



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm008.d
Lab Smp Id: ic 474940
Inj Date : 29-MAR-2013 15:01
Operator : wrd Inst ID: C.i
Smp Info : ic 474940
Misc Info : 200,1,level 5
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:18 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 15:01 Cal File: clm008.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.624	3.624	(0.327)	193258	15.0000	14
2 Dichlorodifluoromethane	85	3.704	3.704	(0.334)	1262000	15.0000	15
3 Chlorodifluoromethane	51	3.752	3.752	(0.339)	524928	15.0000	14
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.361)	1033304	15.0000	14
5 Chloromethane	50	4.141	4.136	(0.374)	213235	15.0000	13
6 Butane	43	4.382	4.376	(0.396)	332839	15.0000	13
7 Vinyl chloride	62	4.414	4.408	(0.399)	272561	15.0000	13
8 1,3-Butadiene	54	4.499	4.499	(0.406)	199526	15.0000	14
9 Bromomethane	94	5.209	5.209	(0.470)	262696	15.0000	14(Q)
10 Chloroethane	64	5.460	5.460	(0.493)	117398	15.0000	14(Q)
11 2-Methylbutane	43	5.572	5.577	(0.503)	202894	15.0000	13
12 Vinyl bromide	106	5.871	5.865	(0.530)	305042	15.0000	15
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	1147501	15.0000	15
14 Pentane	43	6.164	6.159	(0.557)	376310	15.0000	13

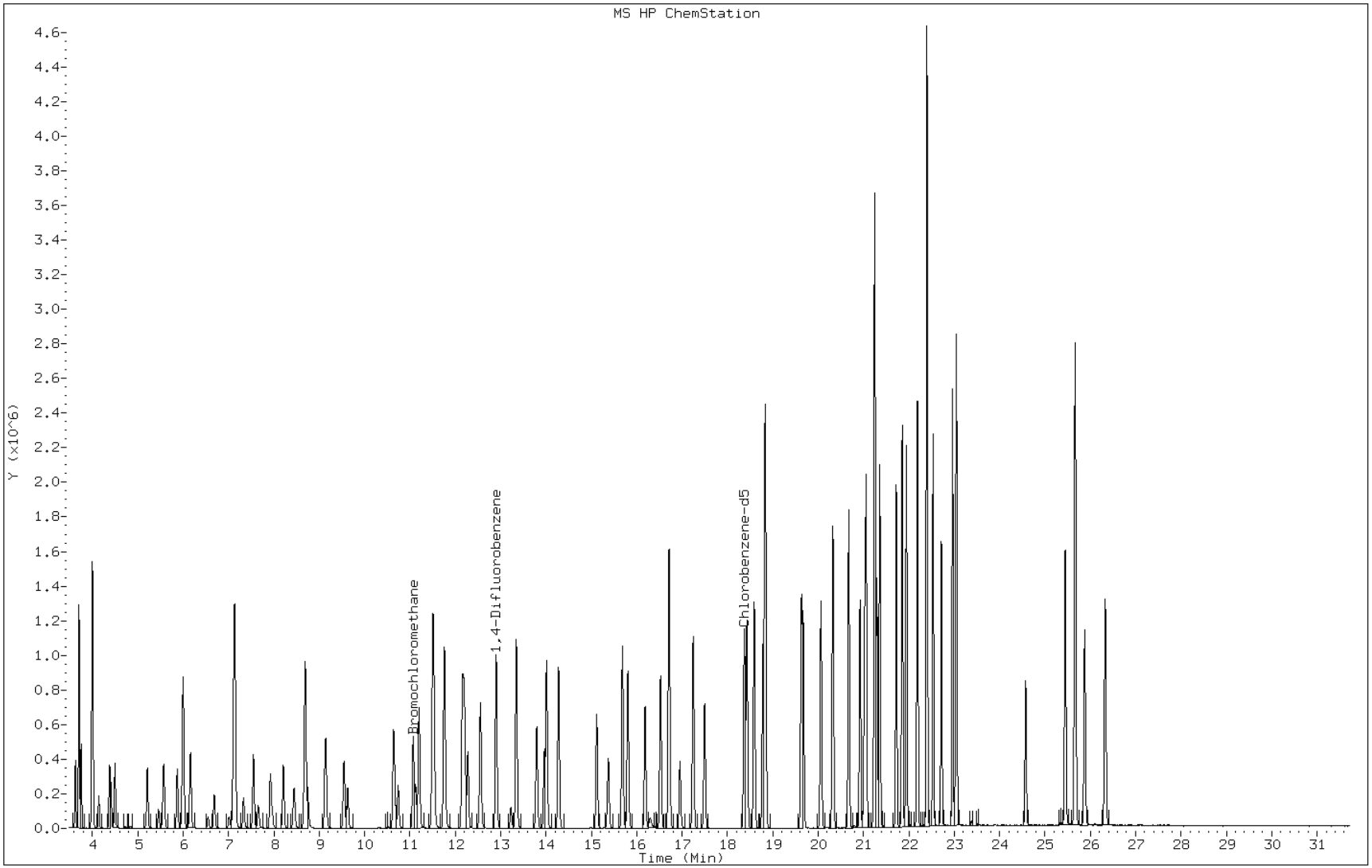
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.548	6.548	(0.591)	93888	20.0000	18
16	Ethyl ether	59	6.687	6.687	(0.604)	168523	15.0000	14(Q)
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.125	7.125	(0.643)	650625	15.0000	14
18	Acrolein	56	7.013	7.013	(0.633)	79733	15.0000	15
19	1,1-Dichloroethene	96	7.141	7.141	(0.645)	289521	15.0000	15(Q)
20	Acetone	43	7.333	7.333	(0.662)	294211	15.0000	15(Q)
21	Carbon disulfide	76	7.552	7.546	(0.682)	826927	15.0000	14
22	Isopropanol	45	7.658	7.658	(0.692)	230771	15.0000	14
23	Allyl chloride	41	7.925	7.925	(0.716)	285363	15.0000	15(M)
24	Acetonitrile	41	7.952	7.957	(0.718)	140106	15.0000	15(QM)
25	Methylene chloride	49	8.208	8.208	(0.741)	255799	15.0000	13(Q)
26	Tert-butyl alcohol	59	8.448	8.448	(0.763)	440427	15.0000	15(Q)
27	Methyl tert-butyl ether	73	8.683	8.683	(0.784)	815550	15.0000	14
28	1,2-Dichloroethene (trans)	61	8.694	8.688	(0.785)	417889	15.0000	14
29	Acrylonitrile	53	8.758	8.753	(0.791)	146670	15.0000	14
30	n-Hexane	57	9.142	9.142	(0.826)	394188	15.0000	14
31	1,1-Dichloroethane	63	9.548	9.548	(0.862)	515546	15.0000	14(Q)
32	Vinyl acetate	43	9.633	9.628	(0.870)	460183	15.0000	15
M 33	1,2-Dichloroethene,Total	61				748264	30.0000	28
34	1,2-Dichloroethene (cis)	96	10.642	10.636	(0.961)	330375	15.0000	15
35	Ethyl acetate	88	10.748	10.743	(0.971)	21394	15.0000	15(Q)
36	Methyl Ethyl Ketone	72	10.663	10.668	(0.963)	115932	15.0000	14(Q)
* 37	Bromochloromethane	128	11.074	11.069	(1.000)	221728	10.0000	
38	Tetrahydrofuran	42	11.127	11.127	(0.862)	180027	15.0000	15
39	Chloroform	83	11.202	11.202	(1.012)	787681	15.0000	14(Q)
40	Cyclohexane	84	11.528	11.522	(0.893)	430644	15.0000	14
41	1,1,1-Trichloroethane	97	11.501	11.501	(0.891)	977110	15.0000	15
42	Carbon tetrachloride	117	11.762	11.763	(0.911)	1060718	15.0000	15
43	2,2,4-Trimethylpentane	57	12.200	12.195	(0.945)	1215592	15.0000	14
44	Benzene	78	12.157	12.152	(0.942)	937893	15.0000	14
45	1,2-Dichloroethane	62	12.275	12.280	(0.951)	548408	15.0000	14
46	n-Heptane	43	12.552	12.552	(0.973)	364809	15.0000	13
* 47	1,4-Difluorobenzene	114	12.905	12.905	(1.000)	1203691	10.0000	
48	n-Butanol	56	13.225	13.225	(1.025)	103210	15.0000	14
49	Trichloroethene	95	13.348	13.342	(1.034)	518170	15.0000	14
50	1,2-Dichloropropane	63	13.790	13.796	(1.069)	284684	15.0000	14
51	Methyl methacrylate	69	13.961	13.961	(1.082)	257221	15.0000	16(Q)
52	Dibromomethane	174	14.015	14.015	(1.086)	491609	15.0000	15
53	1,4-Dioxane	88	14.009	14.004	(1.086)	130704	15.0000	15
54	Bromodichloromethane	83	14.276	14.276	(1.106)	903632	15.0000	15
55	1,3-Dichloropropene (cis)	75	15.119	15.119	(1.172)	552894	15.0000	15
56	Methyl isobutyl ketone	43	15.376	15.370	(1.191)	347599	15.0000	14
57	n-Octane	43	15.808	15.808	(1.225)	481563	15.0000	14
58	Toluene	92	15.685	15.685	(0.854)	712748	15.0000	15
59	1,3-Dichloropropene (trans)	75	16.181	16.182	(1.254)	595046	15.0000	15
60	1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	326555	15.0000	15
61	Tetrachloroethene	166	16.715	16.710	(0.910)	776058	15.0000	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.955	16.955	(0.923)	328170	15.0000	15
63	Dibromochloromethane	129	17.243	17.244	(0.938)	923132	15.0000	17
64	1,2-Dibromoethane	107	17.500	17.500	(0.952)	732707	15.0000	16
* 65	Chlorobenzene-d5	117	18.375	18.375	(1.000)	1059932	10.0000	
66	Chlorobenzene	112	18.428	18.428	(1.003)	1042771	15.0000	16
67	n-Nonane	57	18.780	18.781	(1.022)	520605	15.0000	14
68	Ethylbenzene	91	18.594	18.594	(1.012)	1552550	15.0000	15
69	Xylene (m,p)	106	18.834	18.834	(1.025)	1184699	30.0000	31
M 70	Xylenes, Total	106				1770167	15.0000	46
71	Xylene (o)	106	19.634	19.629	(1.069)	585468	15.0000	15
72	Styrene	104	19.672	19.672	(1.071)	916669	15.0000	17
73	Bromoform	173	20.061	20.061	(1.092)	931871	15.0000	17
74	Isopropylbenzene	105	20.328	20.328	(1.106)	1815541	15.0000	16(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	766497	15.0000	15(Q)
76	n-Propylbenzene	91	21.054	21.054	(1.146)	2078906	15.0000	16(Q)
77	1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	634342	15.0000	15
78	n-Decane	57	21.294	21.294	(1.159)	628631	15.0000	16
79	4-Ethyltoluene	105	21.251	21.246	(1.157)	1805904	15.0000	16
80	2-Chlorotoluene	91	21.241	21.241	(1.156)	1562510	15.0000	15
81	1,3,5-Trimethylbenzene	105	21.358	21.358	(1.162)	1609478	15.0000	16(Q)
82	Alpha Methyl Styrene	118	21.721	21.721	(1.182)	781222	15.0000	18
83	tert-butylbenzene	119	21.855	21.855	(1.189)	1541767	15.0000	16(Q)
84	1,2,4-Trimethylbenzene	105	21.945	21.945	(1.194)	1610340	15.0000	17(Q)
85	sec-Butylbenzene	105	22.185	22.186	(1.207)	2175030	15.0000	16(Q)
86	4-Isopropyltoluene	119	22.394	22.394	(1.219)	1898743	15.0000	16(Q)
87	1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	1105946	15.0000	16(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	1128851	15.0000	16(Q)
89	Benzyl chloride	91	22.714	22.714	(1.236)	1391297	15.0000	17
90	Undecane	57	23.039	23.039	(1.254)	462429	15.0000	16
91	n-Butylbenzene	91	22.965	22.965	(1.250)	1642383	15.0000	17(Q)
92	1,2-Dichlorobenzene	146	23.055	23.055	(1.255)	1069042	15.0000	16(Q)
93	Dodecane	57	24.571	24.571	(1.337)	362110	15.0000	17
94	1,2,4-Trichlorobenzene	180	25.452	25.452	(1.385)	783685	15.0000	18
95	1,3-Hexachlorobutadiene	225	25.665	25.665	(1.397)	928267	15.0000	17
96	Naphthalene	128	25.879	25.879	(1.408)	1429598	15.0000	19
97	1,2,3-Trichlorobenzene	180	26.332	26.327	(1.433)	702000	15.0000	18(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clm008.d	Date:	29-MAR-2013 15:01
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 474940		
Lab Sample ID:	ic 474940		



Manual Integration Report

Data File: clm008.d
Lab Sample ID: ic 474940
Inj. Date and Time: 29-MAR-2013 15:01
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/01/2013

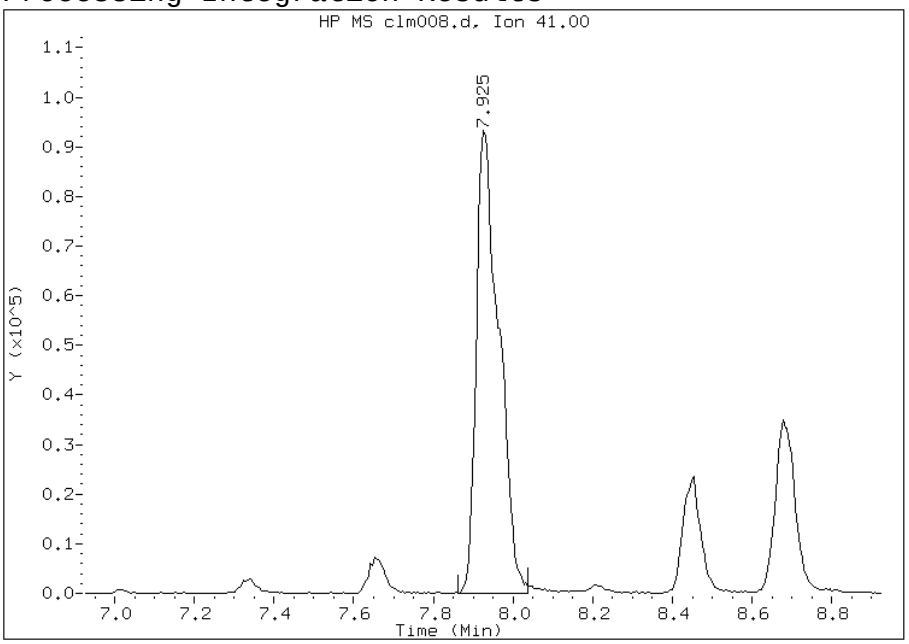
Processing Integration Results

RT: 7.93

Response: 367714

Amount: 16.26

Conc: 16.26



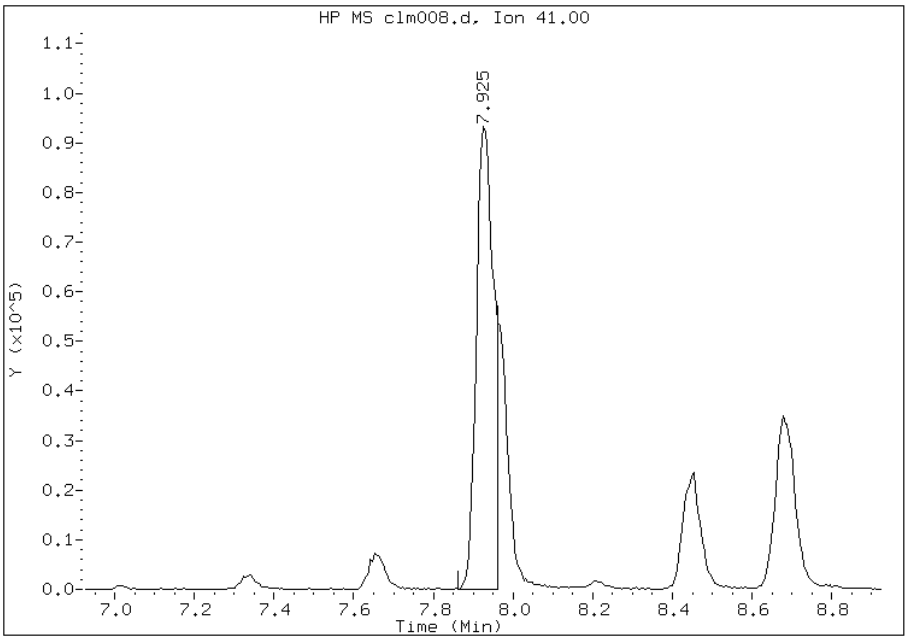
Manual Integration Results

RT: 7.93

Response: 285363

Amount: 15.11

Conc: 15.11



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm008.d
Lab Sample ID: ic 474940
Inj. Date and Time: 29-MAR-2013 15:01
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 04/01/2013

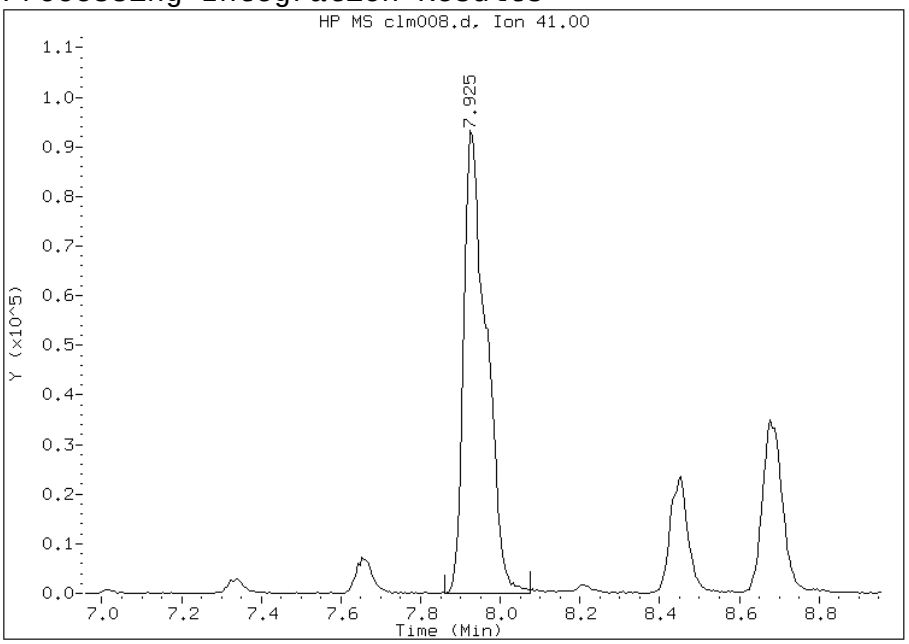
Processing Integration Results

RT: 7.93

Response: 369969

Amount: 20.36

Conc: 20.36



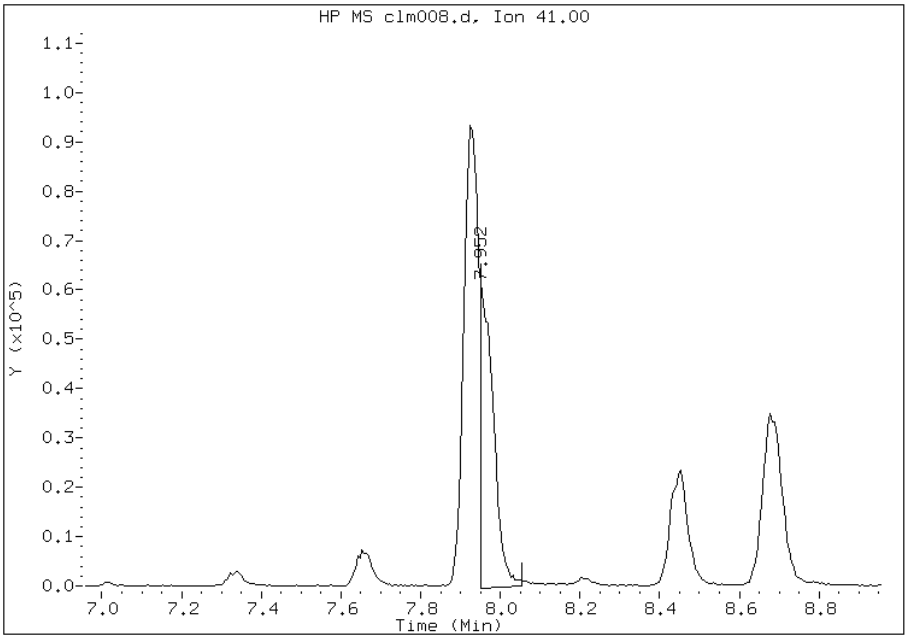
Manual Integration Results

RT: 7.95

Response: 140106

Amount: 14.50

Conc: 14.50



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm009.d
Lab Smp Id: ic 474941
Inj Date : 29-MAR-2013 15:54
Operator : wrd Inst ID: C.i
Smp Info : ic 474941
Misc Info : 200,1,level 6
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:18 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 15:54 Cal File: clm009.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.629	3.624	(0.328)	242566	20.0000	16
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	1698696	20.0000	19
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	682458	20.0000	17
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.008	4.003	(0.362)	1380927	20.0000	18
5 Chloromethane	50	4.147	4.136	(0.374)	274236	20.0000	16
6 Butane	43	4.382	4.376	(0.395)	430625	20.0000	16
7 Vinyl chloride	62	4.414	4.408	(0.398)	365338	20.0000	17
8 1,3-Butadiene	54	4.504	4.499	(0.407)	260458	20.0000	18
9 Bromomethane	94	5.214	5.209	(0.471)	364114	20.0000	19(Q)
10 Chloroethane	64	5.465	5.460	(0.493)	157123	20.0000	17(Q)
11 2-Methylbutane	43	5.582	5.577	(0.504)	267922	20.0000	16
12 Vinyl bromide	106	5.876	5.865	(0.530)	424522	20.0000	20
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	1559774	20.0000	19
14 Pentane	43	6.164	6.159	(0.556)	475599	20.0000	16

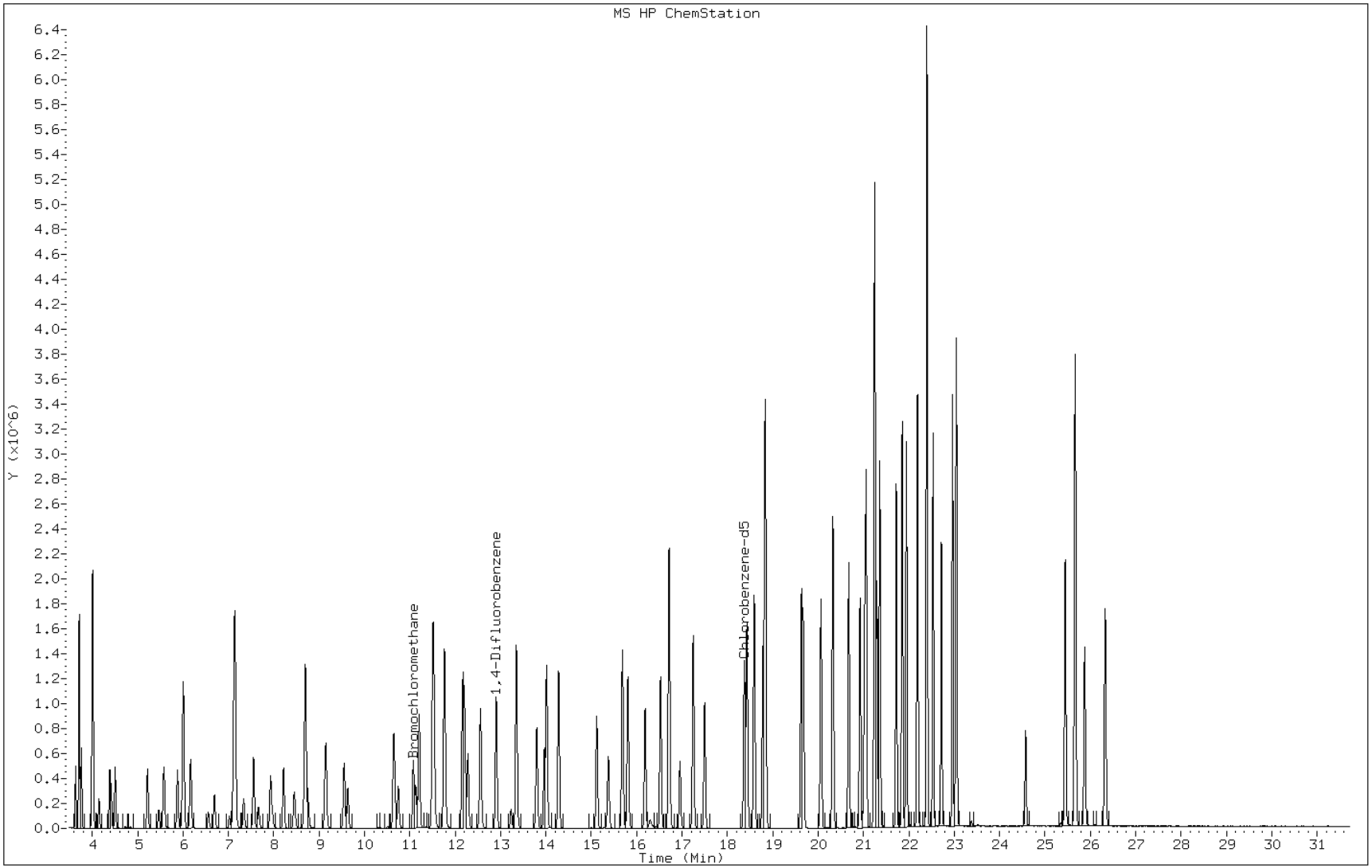
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.559	6.548	(0.592)	196235	40.0000	36
16	Ethyl ether	59	6.687	6.687	(0.604)	230127	20.0000	18(Q)
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.130	7.125	(0.644)	885844	20.0000	19
18	Acrolein	56	7.018	7.013	(0.633)	109846	20.0000	20
19	1,1-Dichloroethene	96	7.146	7.141	(0.645)	391514	20.0000	19(Q)
20	Acetone	43	7.338	7.333	(0.662)	401780	20.0000	19(Q)
21	Carbon disulfide	76	7.552	7.546	(0.682)	1107052	20.0000	18
22	Isopropanol	45	7.664	7.658	(0.692)	291729	20.0000	17
23	Allyl chloride	41	7.931	7.925	(0.716)	327971	20.0000	17(M)
24	Acetonitrile	41	7.957	7.957	(0.718)	171435	20.0000	17(QM)
25	Methylene chloride	49	8.214	8.208	(0.741)	334655	20.0000	16(Q)
26	Tert-butyl alcohol	59	8.454	8.448	(0.763)	562564	20.0000	18(Q)
27	Methyl tert-butyl ether	73	8.683	8.683	(0.784)	1132274	20.0000	19
28	1,2-Dichloroethene (trans)	61	8.699	8.688	(0.785)	546870	20.0000	17
29	Acrylonitrile	53	8.758	8.753	(0.790)	200663	20.0000	18
30	n-Hexane	57	9.142	9.142	(0.825)	517395	20.0000	17
31	1,1-Dichloroethane	63	9.553	9.548	(0.862)	679081	20.0000	17(Q)
32	Vinyl acetate	43	9.633	9.628	(0.869)	625075	20.0000	20
M 33	1,2-Dichloroethene,Total	61				994597	40.0000	36
34	1,2-Dichloroethene (cis)	96	10.637	10.636	(0.960)	447727	20.0000	19
35	Ethyl acetate	88	10.743	10.743	(0.970)	32183	20.0000	21
36	Methyl Ethyl Ketone	72	10.669	10.668	(0.963)	163540	20.0000	18(Q)
* 37	Bromochloromethane	128	11.079	11.069	(1.000)	233259	10.0000	
38	Tetrahydrofuran	42	11.133	11.127	(0.863)	241181	20.0000	19
39	Chloroform	83	11.202	11.202	(1.011)	1059875	20.0000	18(Q)
40	Cyclohexane	84	11.528	11.522	(0.893)	587765	20.0000	18
41	1,1,1-Trichloroethane	97	11.501	11.501	(0.891)	1335995	20.0000	19
42	Carbon tetrachloride	117	11.763	11.763	(0.911)	1468278	20.0000	20
43	2,2,4-Trimethylpentane	57	12.200	12.195	(0.945)	1593658	20.0000	17
44	Benzene	78	12.158	12.152	(0.942)	1253350	20.0000	18
45	1,2-Dichloroethane	62	12.280	12.280	(0.952)	738811	20.0000	18
46	n-Heptane	43	12.552	12.552	(0.973)	475627	20.0000	17
* 47	1,4-Difluorobenzene	114	12.905	12.905	(1.000)	1266639	10.0000	
48	n-Butanol	56	13.225	13.225	(1.025)	133720	20.0000	17
49	Trichloroethene	95	13.348	13.342	(1.034)	694018	20.0000	18
50	1,2-Dichloropropane	63	13.796	13.796	(1.069)	379612	20.0000	18
51	Methyl methacrylate	69	13.961	13.961	(1.082)	365587	20.0000	21(Q)
52	Dibromomethane	174	14.015	14.015	(1.086)	679612	20.0000	20
53	1,4-Dioxane	88	14.004	14.004	(1.085)	176936	20.0000	19
54	Bromodichloromethane	83	14.276	14.276	(1.106)	1231188	20.0000	20
55	1,3-Dichloropropene (cis)	75	15.120	15.119	(1.172)	748885	20.0000	19
56	Methyl isobutyl ketone	43	15.370	15.370	(1.191)	487506	20.0000	19
57	n-Octane	43	15.808	15.808	(1.225)	623898	20.0000	17
58	Toluene	92	15.685	15.685	(0.854)	994499	20.0000	18
59	1,3-Dichloropropene (trans)	75	16.187	16.182	(1.254)	814703	20.0000	19
60	1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	447522	20.0000	18
61	Tetrachloroethene	166	16.715	16.710	(0.910)	1094334	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.955	16.955	(0.923)	455942	20.0000	18
63	Dibromochloromethane	129	17.244	17.244	(0.938)	1289132	20.0000	20
64	1,2-Dibromoethane	107	17.500	17.500	(0.952)	1022487	20.0000	19
* 65	Chlorobenzene-d5	117	18.375	18.375	(1.000)	1230211	10.0000	
66	Chlorobenzene	112	18.428	18.428	(1.003)	1456819	20.0000	19
67	n-Nonane	57	18.781	18.781	(1.022)	715667	20.0000	17
68	Ethylbenzene	91	18.594	18.594	(1.012)	2221024	20.0000	19
69	Xylene (m,p)	106	18.834	18.834	(1.025)	1687711	40.0000	38
M 70	Xylenes, Total	106				2532874	20.0000	57
71	Xylene (o)	106	19.635	19.629	(1.069)	845163	20.0000	19
72	Styrene	104	19.672	19.672	(1.071)	1299211	20.0000	21
73	Bromoform	173	20.061	20.061	(1.092)	1319315	20.0000	21
74	Isopropylbenzene	105	20.328	20.328	(1.106)	2617842	20.0000	20(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	1066112	20.0000	18(Q)
76	n-Propylbenzene	91	21.059	21.054	(1.146)	2937664	20.0000	19(Q)
77	1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	885858	20.0000	18
78	n-Decane	57	21.294	21.294	(1.159)	854464	20.0000	19
79	4-Ethyltoluene	105	21.252	21.246	(1.157)	2544718	20.0000	20
80	2-Chlorotoluene	91	21.246	21.241	(1.156)	2167799	20.0000	18
81	1,3,5-Trimethylbenzene	105	21.358	21.358	(1.162)	2291802	20.0000	20(Q)
82	Alpha Methyl Styrene	118	21.721	21.721	(1.182)	1111015	20.0000	22
83	tert-butylbenzene	119	21.855	21.855	(1.189)	2181525	20.0000	19(Q)
84	1,2,4-Trimethylbenzene	105	21.951	21.945	(1.195)	2265013	20.0000	20(Q)
85	sec-Butylbenzene	105	22.191	22.186	(1.208)	3075539	20.0000	20(Q)
86	4-Isopropyltoluene	119	22.394	22.394	(1.219)	2659003	20.0000	20(Q)
87	1,3-Dichlorobenzene	146	22.404	22.399	(1.219)	1521223	20.0000	19(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	1586017	20.0000	20(Q)
89	Benzyl chloride	91	22.714	22.714	(1.236)	1939777	20.0000	20
90	Undecane	57	23.039	23.039	(1.254)	651180	20.0000	19
91	n-Butylbenzene	91	22.965	22.965	(1.250)	2282569	20.0000	20(Q)
92	1,2-Dichlorobenzene	146	23.055	23.055	(1.255)	1489803	20.0000	19(Q)
93	Dodecane	57	24.577	24.571	(1.337)	323610	20.0000	13
94	1,2,4-Trichlorobenzene	180	25.452	25.452	(1.385)	1051234	20.0000	21
95	1,3-Hexachlorobutadiene	225	25.665	25.665	(1.397)	1266864	20.0000	20
96	Naphthalene	128	25.879	25.879	(1.408)	1824107	20.0000	20
97	1,2,3-Trichlorobenzene	180	26.332	26.327	(1.433)	936958	20.0000	21(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clm009.d	Date:	29-MAR-2013 15:54
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 474941		
Lab Sample ID:	ic 474941		



Manual Integration Report

Data File: clm009.d
Lab Sample ID: ic 474941
Inj. Date and Time: 29-MAR-2013 15:54
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/01/2013

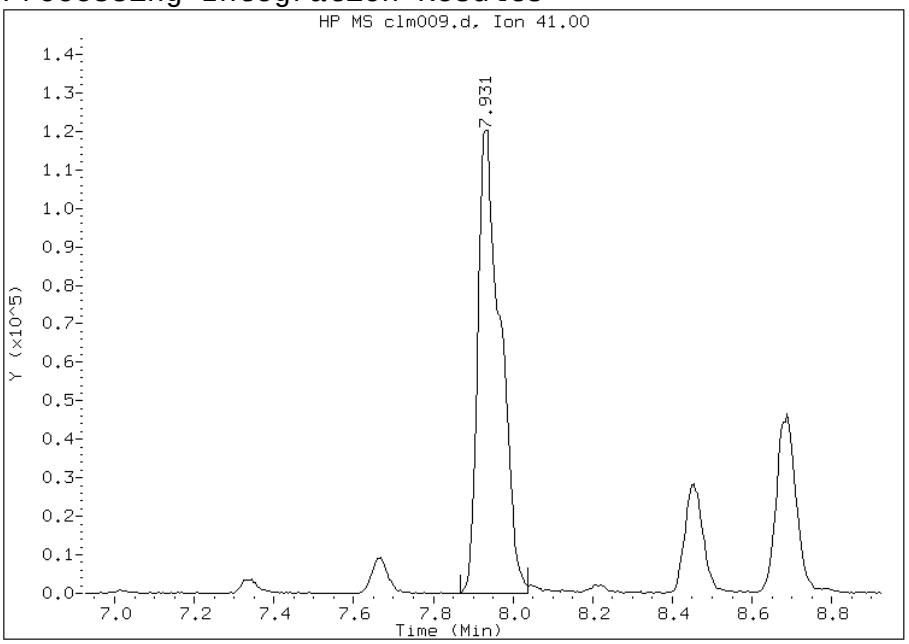
Processing Integration Results

RT: 7.93

Response: 474370

Amount: 19.94

Conc: 19.94



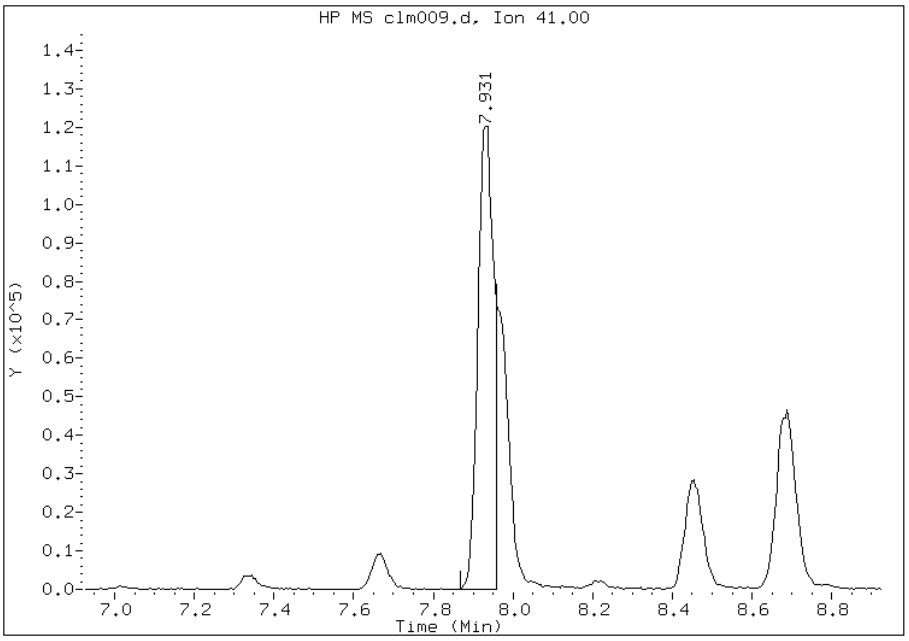
Manual Integration Results

RT: 7.93

Response: 327971

Amount: 16.51

Conc: 16.51



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm009.d
Lab Sample ID: ic 474941
Inj. Date and Time: 29-MAR-2013 15:54
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 04/01/2013

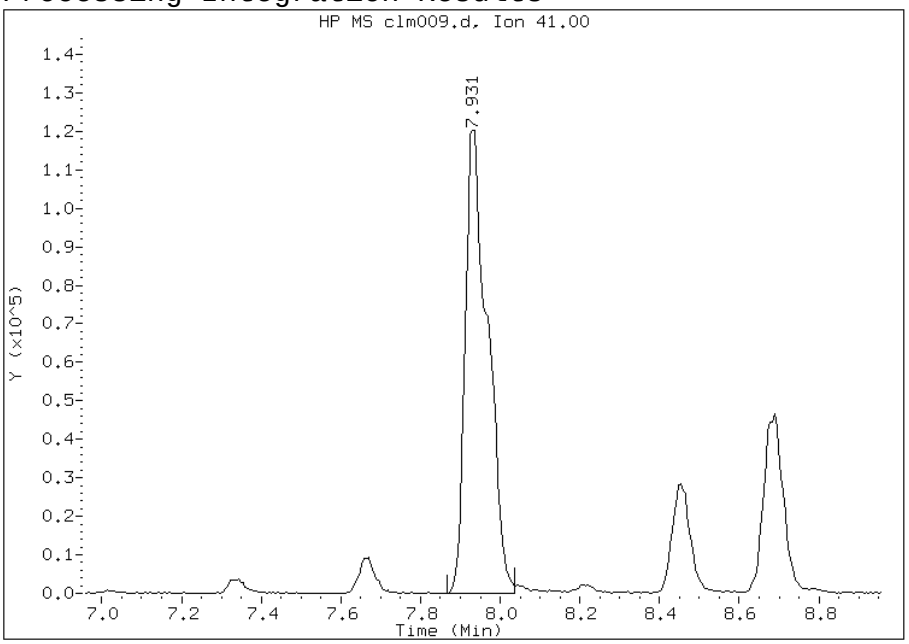
Processing Integration Results

RT: 7.93

Response: 474370

Amount: 29.86

Conc: 29.86



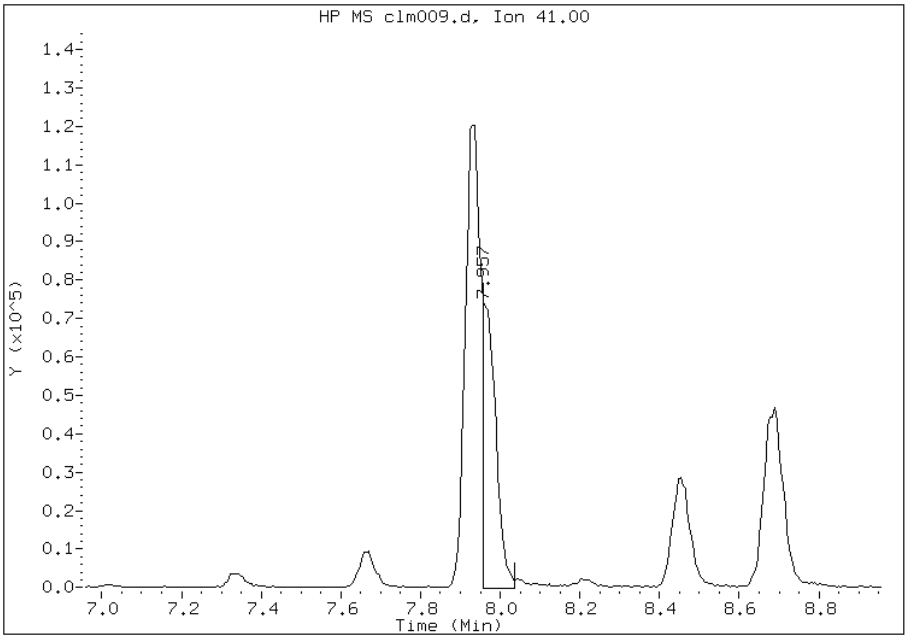
Manual Integration Results

RT: 7.96

Response: 171435

Amount: 16.87

Conc: 16.87



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm010.d
Lab Smp Id: ic 474963
Inj Date : 29-MAR-2013 16:47
Operator : wrd Inst ID: C.i
Smp Info : ic 474963
Misc Info : 200,1,level 7
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:18 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 16:47 Cal File: clm010.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.629	3.624	(0.328)	462341	40.0000	28
2 Dichlorodifluoromethane	85	3.704	3.704	(0.334)	3445762	40.0000	34
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	1358988	40.0000	30
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.361)	2786792	40.0000	33
5 Chloromethane	50	4.141	4.136	(0.374)	547295	40.0000	29
6 Butane	43	4.382	4.376	(0.396)	827740	40.0000	28
7 Vinyl chloride	62	4.414	4.408	(0.399)	723911	40.0000	30
8 1,3-Butadiene	54	4.504	4.499	(0.407)	513807	40.0000	32
9 Bromomethane	94	5.214	5.209	(0.471)	752739	40.0000	35(Q)
10 Chloroethane	64	5.465	5.460	(0.493)	320740	40.0000	32(Q)
11 2-Methylbutane	43	5.577	5.577	(0.504)	517486	40.0000	28
12 Vinyl bromide	106	5.876	5.865	(0.531)	888554	40.0000	37
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	3274169	40.0000	36
14 Pentane	43	6.164	6.159	(0.557)	926237	40.0000	28

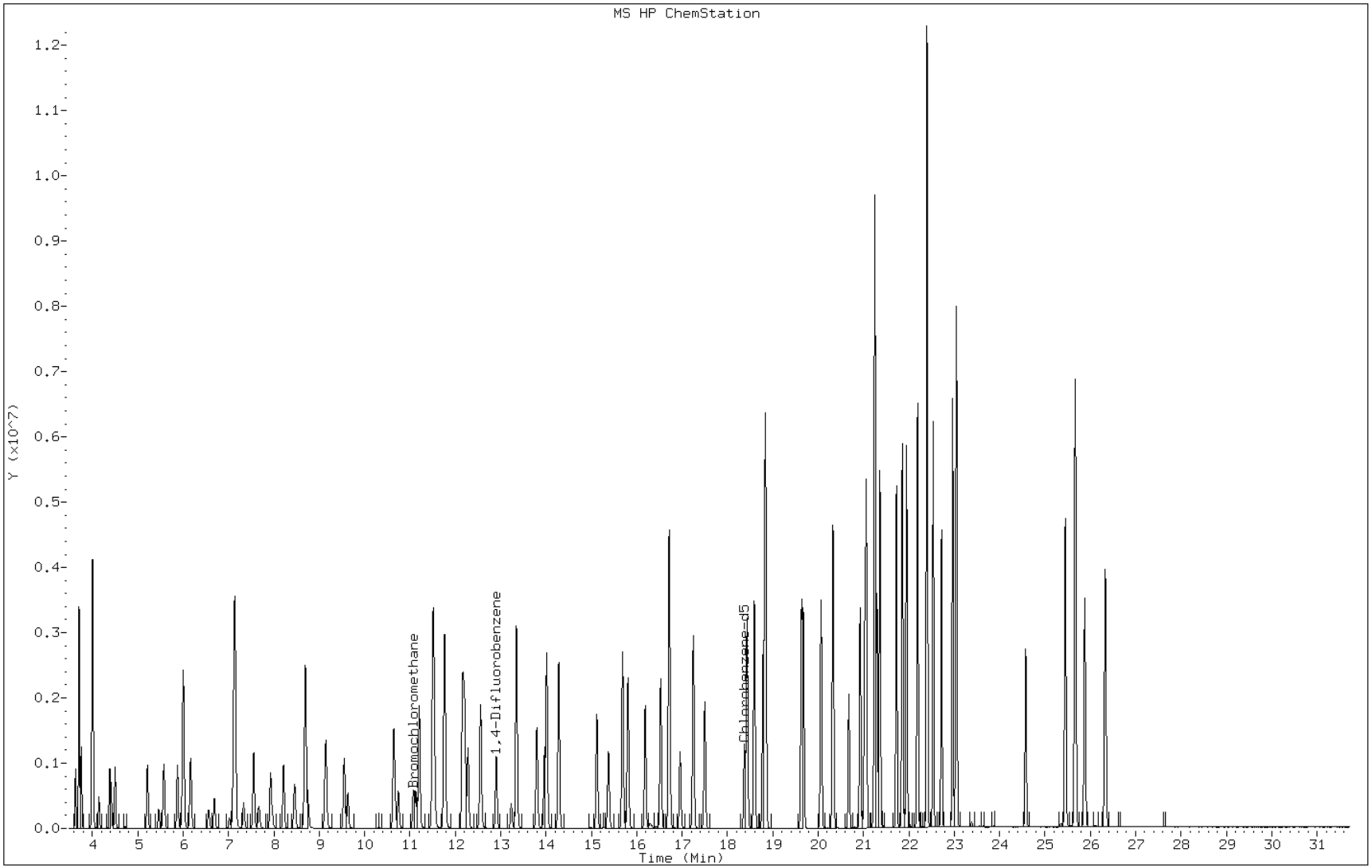
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.564	6.548	(0.593)	459517	100.000	76
	16 Ethyl ether	59	6.687	6.687	(0.604)	388505	40.0000	28(Q)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.130	7.125	(0.644)	1832460	40.0000	35
	18 Acrolein	56	7.013	7.013	(0.633)	185057	40.0000	30
	19 1,1-Dichloroethene	96	7.151	7.141	(0.646)	815714	40.0000	36(Q)
	20 Acetone	43	7.338	7.333	(0.663)	654944	40.0000	28(Q)
	21 Carbon disulfide	76	7.557	7.546	(0.682)	2324086	40.0000	35
	22 Isopropanol	45	7.669	7.658	(0.693)	617351	40.0000	33
	23 Allyl chloride	41	7.931	7.925	(0.716)	639061	40.0000	29(M)
	24 Acetonitrile	41	7.957	7.957	(0.719)	305057	40.0000	27(QM)
	25 Methylene chloride	49	8.213	8.208	(0.742)	674094	40.0000	30(Q)
	26 Tert-butyl alcohol	59	8.459	8.448	(0.764)	1324077	40.0000	38(Q)
	27 Methyl tert-butyl ether	73	8.683	8.683	(0.784)	2015668	40.0000	30
	28 1,2-Dichloroethene (trans)	61	8.699	8.688	(0.786)	1111506	40.0000	32
	29 Acrylonitrile	53	8.758	8.753	(0.791)	351528	40.0000	29
	30 n-Hexane	57	9.147	9.142	(0.826)	1025696	40.0000	31
	31 1,1-Dichloroethane	63	9.553	9.548	(0.863)	1414159	40.0000	33(Q)
	32 Vinyl acetate	43	9.633	9.628	(0.870)	1037567	40.0000	30
M	33 1,2-Dichloroethene,Total	61				2064664	80.0000	68
	34 1,2-Dichloroethene (cis)	96	10.642	10.636	(0.961)	953158	40.0000	36
	35 Ethyl acetate	88	10.754	10.743	(0.971)	57010	40.0000	34
	36 Methyl Ethyl Ketone	72	10.674	10.668	(0.964)	288280	40.0000	29(Q)
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	257604	10.0000	(Q)
	38 Tetrahydrofuran	42	11.127	11.127	(0.862)	408969	40.0000	30
	39 Chloroform	83	11.207	11.202	(1.012)	2205719	40.0000	34(Q)
	40 Cyclohexane	84	11.528	11.522	(0.893)	1220007	40.0000	36
	41 1,1,1-Trichloroethane	97	11.506	11.501	(0.892)	2771645	40.0000	38
	42 Carbon tetrachloride	117	11.762	11.763	(0.911)	3109893	40.0000	40(A)
	43 2,2,4-Trimethylpentane	57	12.200	12.195	(0.945)	3189709	40.0000	33
	44 Benzene	78	12.157	12.152	(0.942)	2598971	40.0000	35
	45 1,2-Dichloroethane	62	12.280	12.280	(0.952)	1551301	40.0000	37
	46 n-Heptane	43	12.558	12.552	(0.973)	941277	40.0000	31
*	47 1,4-Difluorobenzene	114	12.905	12.905	(1.000)	1328821	10.0000	
	48 n-Butanol	56	13.235	13.225	(1.026)	338555	40.0000	42(A)
	49 Trichloroethene	95	13.348	13.342	(1.034)	1480469	40.0000	38
	50 1,2-Dichloropropane	63	13.796	13.796	(1.069)	730897	40.0000	32
	51 Methyl methacrylate	69	13.967	13.961	(1.082)	649197	40.0000	36(Q)
	52 Dibromomethane	174	14.020	14.015	(1.086)	1460246	40.0000	41(A)
	53 1,4-Dioxane	88	14.009	14.004	(1.086)	337897	40.0000	35
	54 Bromodichloromethane	83	14.281	14.276	(1.107)	2518335	40.0000	38
	55 1,3-Dichloropropene (cis)	75	15.125	15.119	(1.172)	1487193	40.0000	36
	56 Methyl isobutyl ketone	43	15.376	15.370	(1.191)	987791	40.0000	36
	57 n-Octane	43	15.808	15.808	(1.225)	1171749	40.0000	30
	58 Toluene	92	15.690	15.685	(0.854)	1885401	40.0000	36
	59 1,3-Dichloropropene (trans)	75	16.187	16.182	(1.254)	1589616	40.0000	36
	60 1,1,2-Trichloroethane	83	16.528	16.523	(0.900)	848388	40.0000	35
	61 Tetrachloroethene	166	16.715	16.710	(0.910)	2249934	40.0000	42(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.955	16.955	(0.923)	1016365	40.0000	42(A)
63	Dibromochloromethane	129	17.249	17.244	(0.939)	2549995	40.0000	41(A)
64	1,2-Dibromoethane	107	17.505	17.500	(0.953)	1991121	40.0000	39
* 65	Chlorobenzene-d5	117	18.375	18.375	(1.000)	1174359	10.0000	
66	Chlorobenzene	112	18.434	18.428	(1.003)	2893520	40.0000	39
67	n-Nonane	57	18.786	18.781	(1.022)	1327838	40.0000	33
68	Ethylbenzene	91	18.594	18.594	(1.012)	4186390	40.0000	37
69	Xylene (m,p)	106	18.834	18.834	(1.025)	3172497	80.0000	74
M 70	Xylenes, Total	106				4756483	40.0000	110
71	Xylene (o)	106	19.634	19.629	(1.069)	1583986	40.0000	38
72	Styrene	104	19.677	19.672	(1.071)	2542031	40.0000	42(A)
73	Bromoform	173	20.067	20.061	(1.092)	2586595	40.0000	43(A)
74	Isopropylbenzene	105	20.328	20.328	(1.106)	4931829	40.0000	39(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	2002951	40.0000	36(Q)
76	n-Propylbenzene	91	21.059	21.054	(1.146)	5507092	40.0000	38(Q)
77	1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	1626670	40.0000	35
78	n-Decane	57	21.300	21.294	(1.159)	1544182	40.0000	35
79	4-Ethyltoluene	105	21.252	21.246	(1.157)	4788071	40.0000	39
80	2-Chlorotoluene	91	21.246	21.241	(1.156)	4107147	40.0000	36
81	1,3,5-Trimethylbenzene	105	21.364	21.358	(1.163)	4288337	40.0000	39(Q)
82	Alpha Methyl Styrene	118	21.726	21.721	(1.182)	2179306	40.0000	45(A)
83	tert-butylbenzene	119	21.860	21.855	(1.190)	4086305	40.0000	38(Q)
84	1,2,4-Trimethylbenzene	105	21.951	21.945	(1.195)	4271312	40.0000	40(Q)
85	sec-Butylbenzene	105	22.191	22.186	(1.208)	5777273	40.0000	39(Q)
86	4-Isopropyltoluene	119	22.399	22.394	(1.219)	5014785	40.0000	39(Q)
87	1,3-Dichlorobenzene	146	22.404	22.399	(1.219)	3005885	40.0000	39(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	3188656	40.0000	42(AQ)
89	Benzyl chloride	91	22.719	22.714	(1.236)	3854993	40.0000	42(A)
90	Undecane	57	23.039	23.039	(1.254)	1424442	40.0000	43(A)
91	n-Butylbenzene	91	22.965	22.965	(1.250)	4333729	40.0000	40(AQ)
92	1,2-Dichlorobenzene	146	23.055	23.055	(1.255)	2884730	40.0000	39(Q)
93	Dodecane	57	24.576	24.571	(1.337)	1128275	40.0000	46(A)
94	1,2,4-Trichlorobenzene	180	25.452	25.452	(1.385)	2345151	40.0000	48(A)
95	1,3-Hexachlorobutadiene	225	25.670	25.665	(1.397)	2364632	40.0000	39
96	Naphthalene	128	25.879	25.879	(1.408)	4507069	40.0000	53(A)
97	1,2,3-Trichlorobenzene	180	26.332	26.327	(1.433)	2142640	40.0000	50(AQ)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clm010.d	Date:	29-MAR-2013 16:47
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 474963		
Lab Sample ID:	ic 474963		



Manual Integration Report

Data File: clm010.d
Lab Sample ID: ic 474963
Inj. Date and Time: 29-MAR-2013 16:47
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/01/2013

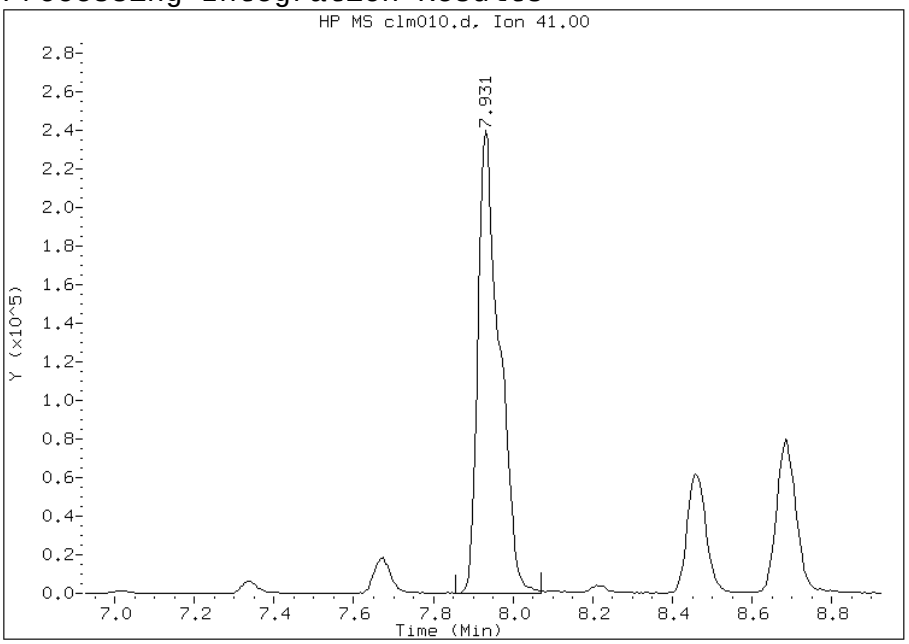
Processing Integration Results

RT: 7.93

Response: 900450

Amount: 34.28

Conc: 34.28



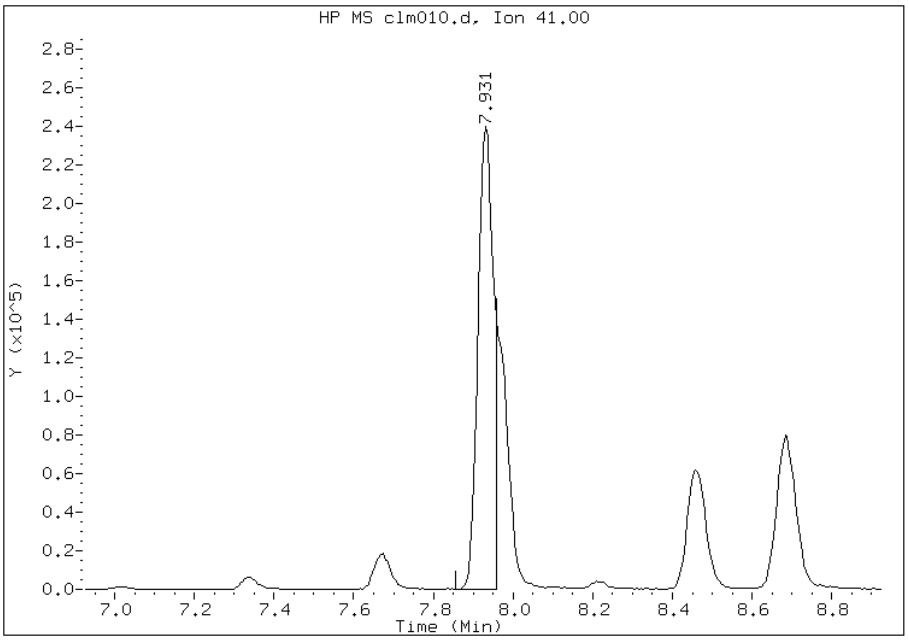
Manual Integration Results

RT: 7.93

Response: 639061

Amount: 29.13

Conc: 29.13



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm010.d
Lab Sample ID: ic 474963
Inj. Date and Time: 29-MAR-2013 16:47
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 04/01/2013

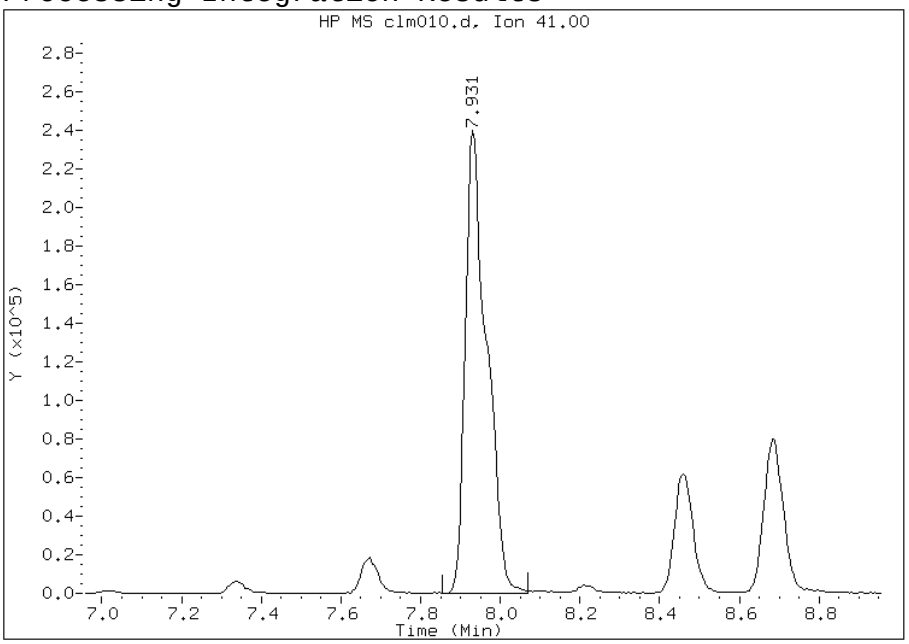
Processing Integration Results

RT: 7.93

Response: 900450

Amount: 63.40

Conc: 63.40



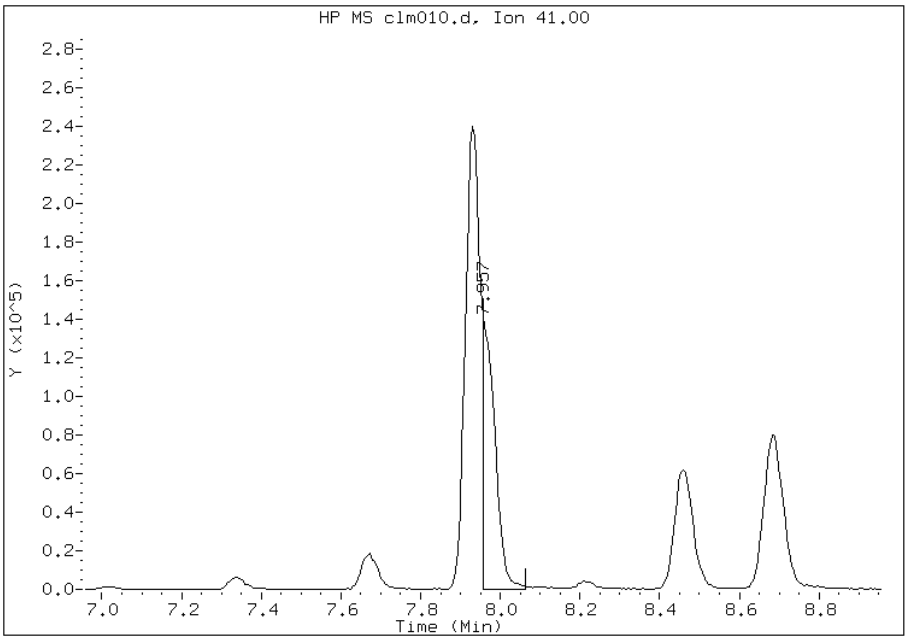
Manual Integration Results

RT: 7.96

Response: 305057

Amount: 27.18

Conc: 27.18



File Uploaded By: jd1
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab Sample ID: ICV 200-53637/13 Calibration Date: 03/29/2013 19:26

Instrument ID: C.i Calib Start Date: 03/29/2013 10:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/29/2013 16:47

Lab File ID: clm013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6382	0.5070		7.94	10.0	-20.6	30.0
Dichlorodifluoromethane	Ave	3.925	3.771		9.61	10.0	-3.9	30.0
Freon 22	Ave	1.752	1.484		8.47	10.0	-15.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.248	3.125		9.62	10.0	-3.8	30.0
Chloromethane	Ave	0.7365	0.5951		8.08	10.0	-19.2	30.0
n-Butane	Ave	1.154	0.9080		7.87	10.0	-21.3	30.0
Vinyl chloride	Ave	0.9228	0.7829		8.48	10.0	-15.2	30.0
1,3-Butadiene	Ave	0.6219	0.5833		9.38	10.0	-6.2	30.0
Bromomethane	Ave	0.8324	0.7882		9.47	10.0	-5.3	30.0
Chloroethane	Ave	0.3853	0.3404		8.83	10.0	-11.6	30.0
Isopentane	Ave	0.7301	0.5757		7.88	10.0	-21.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9286	0.9470		10.2	10.0	2.0	30.0
Trichlorofluoromethane	Ave	3.514	3.466		9.86	10.0	-1.4	30.0
n-Pentane	Ave	1.283	1.021		7.96	10.0	-20.4	30.0
Ethanol	Ave	0.2332	0.2292		14.7	15.0	-1.7	30.0
Ethyl ether	Ave	0.5372	0.4965		9.24	10.0	-7.6	30.0
Acrolein	Ave	0.2398	0.1959		8.17	10.0	-18.3	30.0
Freon TF	Ave	2.037	2.168		10.6	10.0	6.4	30.0
1,1-Dichloroethene	Ave	0.8877	0.9706		10.9	10.0	9.3	30.0
Acetone	Ave	0.9128	0.8942		9.79	10.0	-2.0	30.0
Carbon disulfide	Ave	2.574	2.472		9.60	10.0	-4.0	30.0
Isopropyl alcohol	Ave	0.7220	0.6460		8.95	10.0	-10.5	30.0
3-Chloropropene	Ave	0.8517	0.6875		8.07	10.0	-19.3	30.0
Acetonitrile	Ave	0.4357	0.3876		8.89	10.0	-11.1	30.0
Methylene Chloride	Ave	0.8859	0.7892		8.91	10.0	-10.9	30.0
tert-Butyl alcohol	Ave	1.354	1.244		9.18	10.0	-8.2	30.0
Methyl tert-butyl ether	Ave	2.591	2.610		10.1	10.0	0.7	30.0
trans-1,2-Dichloroethene	Ave	1.360	1.244		9.15	10.0	-8.5	30.0
Acrylonitrile	Ave	0.4732	0.4321		9.13	10.0	-8.7	30.0
n-Hexane	Ave	1.293	1.150		8.89	10.0	-11.0	30.0
1,1-Dichloroethane	Ave	1.676	1.510		9.01	10.0	-9.9	30.0
Vinyl acetate	Ave	1.365	1.344		9.84	10.0	-1.6	30.0
cis-1,2-Dichloroethene	Ave	1.023	1.025		10.0	10.0	0.2	30.0
Methyl Ethyl Ketone	Ave	0.3816	0.3831		10.0	10.0	0.4	30.0
Ethyl acetate	Ave	0.0644	0.0752		11.7	10.0	16.6	30.0
Tetrahydrofuran	Ave	0.1011	0.0999		9.88	10.0	-1.2	30.0
Chloroform	Ave	2.487	2.364		9.50	10.0	-5.0	30.0
1,1,1-Trichloroethane	Ave	0.5522	0.5465		9.90	10.0	-1.0	30.0
Cyclohexane	Ave	0.2535	0.2468		9.73	10.0	-2.7	30.0
Carbon tetrachloride	Ave	0.5826	0.5827		10.0	10.0	0.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab Sample ID: ICV 200-53637/13 Calibration Date: 03/29/2013 19:26

Instrument ID: C.i Calib Start Date: 03/29/2013 10:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/29/2013 16:47

Lab File ID: clm013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5564	0.5113		9.19	10.0	-8.1	30.0
2,2,4-Trimethylpentane	Ave	0.7313	0.6562		8.97	10.0	-10.3	30.0
1,2-Dichloroethane	Ave	0.3178	0.3008		9.46	10.0	-5.4	30.0
n-Heptane	Ave	0.2276	0.1941		8.53	10.0	-14.7	30.0
n-Butanol	Ave	0.0605	0.0532		8.78	10.0	-12.2	30.0
Trichloroethene	Ave	0.2969	0.2809		9.46	10.0	-5.4	30.0
1,2-Dichloropropane	Ave	0.1694	0.1496		8.83	10.0	-11.7	30.0
Methyl methacrylate	Ave	0.1373	0.1451		10.6	10.0	5.7	30.0
1,4-Dioxane	Ave	0.0718	0.0691		9.62	10.0	-3.8	30.0
Dibromomethane	Ave	0.2678	0.2748		10.3	10.0	2.6	30.0
Bromodichloromethane	Ave	0.4971	0.5002		10.1	10.0	0.6	30.0
cis-1,3-Dichloropropene	Ave	0.3151	0.2923		9.28	10.0	-7.2	30.0
methyl isobutyl ketone	Ave	0.2040	0.2004		9.82	10.0	-1.7	30.0
Toluene	Ave	0.4507	0.4131		9.16	10.0	-8.4	30.0
n-Octane	Ave	0.2950	0.2540		8.61	10.0	-13.9	30.0
trans-1,3-Dichloropropene	Ave	0.3304	0.3163		9.57	10.0	-4.3	30.0
1,1,2-Trichloroethane	Ave	0.2055	0.1813		8.82	10.0	-11.8	30.0
Tetrachloroethene	Ave	0.4542	0.4444		9.78	10.0	-2.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2060	0.1976		9.59	10.0	-4.0	30.0
Dibromochloromethane	Ave	0.5277	0.5438		10.3	10.0	3.0	30.0
1,2-Dibromoethane	Ave	0.4347	0.4094		9.42	10.0	-5.8	30.0
Chlorobenzene	Ave	0.6335	0.5939		9.37	10.0	-6.2	30.0
Ethylbenzene	Ave	0.9693	0.9147		9.43	10.0	-5.6	30.0
n-Nonane	Ave	0.3400	0.3027		8.90	10.0	-11.0	30.0
m,p-Xylene	Ave	0.3629	0.3473		19.1	20.0	-4.3	30.0
Xylene, o-	Ave	0.3572	0.3370		9.43	10.0	-5.7	30.0
Styrene	Ave	0.5136	0.5088		9.90	10.0	-0.9	30.0
Bromoform	Ave	0.5126	0.5442		10.6	10.0	6.2	30.0
Cumene	Ave	1.086	1.082		9.96	10.0	-0.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4708	0.4348		9.23	10.0	-7.7	30.0
1,2,3-Trichloropropane	Ave	0.3937	0.3779		9.60	10.0	-4.0	30.0
n-Propylbenzene	Ave	1.234	1.219		9.87	10.0	-1.3	30.0
2-Chlorotoluene	Ave	0.9646	0.9274		9.61	10.0	-3.9	30.0
4-Ethyltoluene	Ave	1.055	1.093		10.4	10.0	3.6	30.0
n-Decane	Ave	0.3707	0.3411		9.20	10.0	-8.0	30.0
1,3,5-Trimethylbenzene	Ave	0.9432	0.9217		9.77	10.0	-2.3	30.0
Alpha Methyl Styrene	Ave	0.4097	0.4330		10.6	10.0	5.7	30.0
tert-Butylbenzene	Ave	0.9156	0.9227		10.1	10.0	0.8	30.0
1,2,4-Trimethylbenzene	Ave	0.9203	0.8744		9.50	10.0	-5.0	30.0
sec-Butylbenzene	Ave	1.278	1.260		9.86	10.0	-1.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab Sample ID: ICV 200-53637/13 Calibration Date: 03/29/2013 19:26

Instrument ID: C.i Calib Start Date: 03/29/2013 10:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/29/2013 16:47

Lab File ID: clm013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.103	1.103		10.0	10.0	-0.0	30.0
1,3-Dichlorobenzene	Ave	0.6499	0.6021		9.26	10.0	-7.4	30.0
1,4-Dichlorobenzene	Ave	0.6537	0.6027		9.22	10.0	-7.8	30.0
Benzyl chloride	Ave	0.7772	0.7697		9.90	10.0	-1.0	30.0
n-Butylbenzene	Ave	0.9176	0.8949		9.75	10.0	-2.5	30.0
n-Undecane	Ave	0.2811	0.2160		7.68	10.0	-23.2	30.0
1,2-Dichlorobenzene	Ave	0.6265	0.5791		9.24	10.0	-7.6	30.0
n-Dodecane	Ave	0.2069	0.1670		8.07	10.0	-19.3	30.0
1,2,4-Trichlorobenzene	Ave	0.4131	0.3474		8.41	10.0	-15.9	30.0
Hexachlorobutadiene	Ave	0.5228	0.5070		9.70	10.0	-3.0	30.0
Naphthalene	Ave	0.7255	0.5919		8.16	10.0	-18.4	30.0
1,2,3-Trichlorobenzene	Ave	0.3616	0.3418		9.45	10.0	-5.5	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmto15.b/clm013.d
Lab Smp Id: icv 476347
Inj Date : 29-MAR-2013 19:26
Operator : wrd Inst ID: C.i
Smp Info : icv 476347
Misc Info : 200,1,icv
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/to15v5.m
Meth Date : 01-Apr-2013 09:18 jd1 Quant Type: ISTD
Cal Date : 29-MAR-2013 16:47 Cal File: clm010.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	3.629	3.624	(0.328)	112152	7.94203	7.9
2 Dichlorodifluoromethane	85	3.704	3.704	(0.334)	834298	9.60623	9.6
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	328357	8.47133	8.5
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.361)	691339	9.62118	9.6
5 Chloromethane	50	4.142	4.136	(0.374)	131652	8.07873	8.1
6 Butane	43	4.382	4.376	(0.396)	200861	7.86994	7.9
7 Vinyl chloride	62	4.414	4.408	(0.399)	173193	8.48232	8.5
8 1,3-Butadiene	54	4.504	4.499	(0.407)	129028	9.37715	9.4
9 Bromomethane	94	5.209	5.209	(0.470)	174351	9.46663	9.5(Q)
10 Chloroethane	64	5.460	5.460	(0.493)	75307	8.83419	8.8(Q)
11 2-Methylbutane	43	5.572	5.577	(0.503)	127364	7.88462	7.9
12 Vinyl bromide	106	5.871	5.865	(0.530)	209495	10.1962	10
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	766811	9.86130	9.9
14 Pentane	43	6.164	6.159	(0.557)	225839	7.95519	8.0

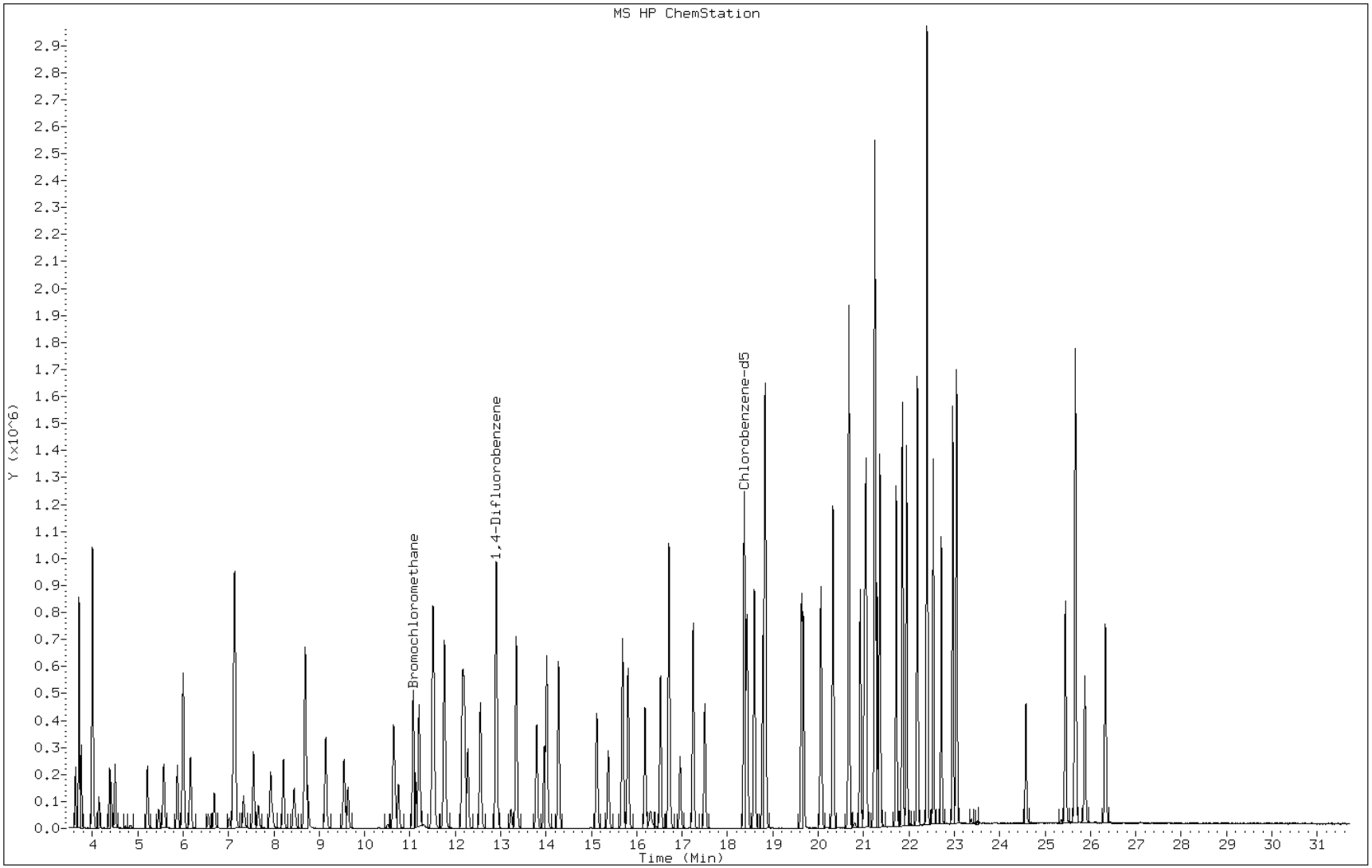
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	6.548	6.548	(0.591)	76069	14.7417	15
	16 Ethyl ether	59	6.687	6.687	(0.604)	109836	9.24014	9.2(Q)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.125	7.125	(0.643)	479551	10.6412	11
	18 Acrolein	56	7.013	7.013	(0.633)	43346	8.16957	8.2
	19 1,1-Dichloroethene	96	7.141	7.141	(0.645)	214713	10.9317	11(Q)
	20 Acetone	43	7.333	7.333	(0.662)	197818	9.79457	9.8(Q)
	21 Carbon disulfide	76	7.552	7.546	(0.682)	546876	9.60189	9.6
	22 Isopropanol	45	7.659	7.658	(0.692)	142894	8.94509	8.9
	23 Allyl chloride	41	7.925	7.925	(0.716)	152086	8.07022	8.1(M)
	24 Acetonitrile	41	7.957	7.957	(0.719)	85736	8.89270	8.9(QM)
	25 Methylene chloride	49	8.214	8.208	(0.742)	174581	8.90697	8.9(Q)
	26 Tert-butyl alcohol	59	8.448	8.448	(0.763)	275083	9.18083	9.2(Q)
	27 Methyl tert-butyl ether	73	8.683	8.683	(0.784)	577475	10.0716	10
	28 1,2-Dichloroethene (trans)	61	8.694	8.688	(0.785)	275133	9.14589	9.1
	29 Acrylonitrile	53	8.758	8.753	(0.791)	95580	9.12854	9.1
	30 n-Hexane	57	9.142	9.142	(0.826)	254440	8.89440	8.9
	31 1,1-Dichloroethane	63	9.553	9.548	(0.863)	333997	9.00858	9.0(Q)
	32 Vinyl acetate	43	9.628	9.628	(0.869)	297225	9.83949	9.8
M	33 1,2-Dichloroethene,Total	61				501821	19.1630	19
	34 1,2-Dichloroethene (cis)	96	10.637	10.636	(0.960)	226688	10.0171	10
	35 Ethyl acetate	88	10.749	10.743	(0.971)	16627	11.6610	12(M)
	36 Methyl Ethyl Ketone	72	10.669	10.668	(0.963)	84740	10.0354	10(Q)
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	221259	10.0000	
	38 Tetrahydrofuran	42	11.128	11.127	(0.863)	119949	9.88030	9.9
	39 Chloroform	83	11.202	11.202	(1.012)	522932	9.50188	9.5(Q)
	40 Cyclohexane	84	11.523	11.522	(0.893)	296184	9.73101	9.7
	41 1,1,1-Trichloroethane	97	11.501	11.501	(0.892)	655994	9.89506	9.9
	42 Carbon tetrachloride	117	11.763	11.763	(0.912)	699403	10.0001	10
	43 2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	787553	8.97023	9.0
	44 Benzene	78	12.158	12.152	(0.942)	613649	9.18713	9.2
	45 1,2-Dichloroethane	62	12.275	12.280	(0.952)	360985	9.46188	9.5
	46 n-Heptane	43	12.553	12.552	(0.973)	232937	8.52657	8.5
*	47 1,4-Difluorobenzene	114	12.899	12.905	(1.000)	1200505	10.0000	
	48 n-Butanol	56	13.230	13.225	(1.026)	63796	8.77806	8.8
	49 Trichloroethene	95	13.342	13.342	(1.034)	337158	9.45825	9.5
	50 1,2-Dichloropropane	63	13.796	13.796	(1.069)	179579	8.82854	8.8
	51 Methyl methacrylate	69	13.961	13.961	(1.082)	174148	10.5657	11(Q)
	52 Dibromomethane	174	14.015	14.015	(1.086)	329860	10.2611	10
	53 1,4-Dioxane	88	14.009	14.004	(1.086)	82874	9.61684	9.6
	54 Bromodichloromethane	83	14.276	14.276	(1.107)	600411	10.0618	10
	55 1,3-Dichloropropene (cis)	75	15.120	15.119	(1.172)	350883	9.27692	9.3
	56 Methyl isobutyl ketone	43	15.370	15.370	(1.192)	240571	9.82445	9.8
	57 n-Octane	43	15.803	15.808	(1.225)	304806	8.60566	8.6
	58 Toluene	92	15.685	15.685	(0.854)	473280	9.16264	9.2
	59 1,3-Dichloropropene (trans)	75	16.187	16.182	(1.255)	379644	9.57033	9.6
	60 1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	207773	8.82301	8.8
	61 Tetrachloroethene	166	16.710	16.710	(0.910)	509118	9.78195	9.8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	16.955	16.955	(0.923)	226431	9.59371	9.6
	63 Dibromochloromethane	129	17.244	17.244	(0.939)	623042	10.3025	10
	64 1,2-Dibromoethane	107	17.500	17.500	(0.953)	469046	9.41586	9.4
*	65 Chlorobenzene-d5	117	18.370	18.375	(1.000)	1145956	10.0000	
	66 Chlorobenzene	112	18.428	18.428	(1.003)	680470	9.37360	9.4
	67 n-Nonane	57	18.781	18.781	(1.022)	346768	8.90025	8.9
	68 Ethylbenzene	91	18.589	18.594	(1.012)	1048000	9.43454	9.4
	69 Xylene (m,p)	106	18.829	18.834	(1.025)	795799	19.1333	19
M	70 Xylenes, Total	106				1181929	28.5662	29
	71 Xylene (o)	106	19.629	19.629	(1.069)	386130	9.43286	9.4
	72 Styrene	104	19.672	19.672	(1.071)	582977	9.90471	9.9
	73 Bromoform	173	20.062	20.061	(1.092)	623489	10.6137	11
	74 Isopropylbenzene	105	20.323	20.328	(1.106)	1239449	9.95968	10(Q)
	75 1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	498110	9.23272	9.2(Q)
	76 n-Propylbenzene	91	21.054	21.054	(1.146)	1396597	9.87304	9.9(Q)
	77 1,2,3-Trichloropropane	75	21.017	21.022	(1.144)	432961	9.59550	9.6
	78 n-Decane	57	21.294	21.294	(1.159)	390770	9.19851	9.2
	79 4-Ethyltoluene	105	21.246	21.246	(1.157)	1252114	10.3535	10
	80 2-Chlorotoluene	91	21.241	21.241	(1.156)	1062535	9.61238	9.6
	81 1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	1056013	9.76971	9.8(Q)
	82 Alpha Methyl Styrene	118	21.721	21.721	(1.182)	496082	10.5662	11
	83 tert-butylbenzene	119	21.855	21.855	(1.190)	1057148	10.0759	10(Q)
	84 1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	1001819	9.49931	9.5(Q)
	85 sec-Butylbenzene	105	22.186	22.186	(1.208)	1443687	9.86017	9.9(Q)
	86 4-Isopropyltoluene	119	22.394	22.394	(1.219)	1263410	9.99666	10(Q)
	87 1,3-Dichlorobenzene	146	22.399	22.399	(1.219)	689865	9.26290	9.3(Q)
	88 1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	690493	9.21777	9.2(Q)
	89 Benzyl chloride	91	22.714	22.714	(1.236)	881902	9.90255	9.9
	90 Undecane	57	23.040	23.039	(1.254)	247483	7.68153	7.7
	91 n-Butylbenzene	91	22.959	22.965	(1.250)	1025363	9.75163	9.8(Q)
	92 1,2-Dichlorobenzene	146	23.056	23.055	(1.255)	663480	9.24130	9.2(Q)
	93 Dodecane	57	24.571	24.571	(1.338)	191384	8.07156	8.1
	94 1,2,4-Trichlorobenzene	180	25.446	25.452	(1.385)	398020	8.40825	8.4
	95 1,3-Hexachlorobutadiene	225	25.665	25.665	(1.397)	580836	9.69525	9.7
	96 Naphthalene	128	25.873	25.879	(1.408)	678176	8.15735	8.2
	97 1,2,3-Trichlorobenzene	180	26.327	26.327	(1.433)	391647	9.45220	9.5(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clm013.d	Date:	29-MAR-2013 19:26
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icv 476347		
Lab Sample ID:	icv 476347		



Manual Integration Report

Data File: clm013.d
Lab Sample ID: icv 476347
Inj. Date and Time: 29-MAR-2013 19:26
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/01/2013

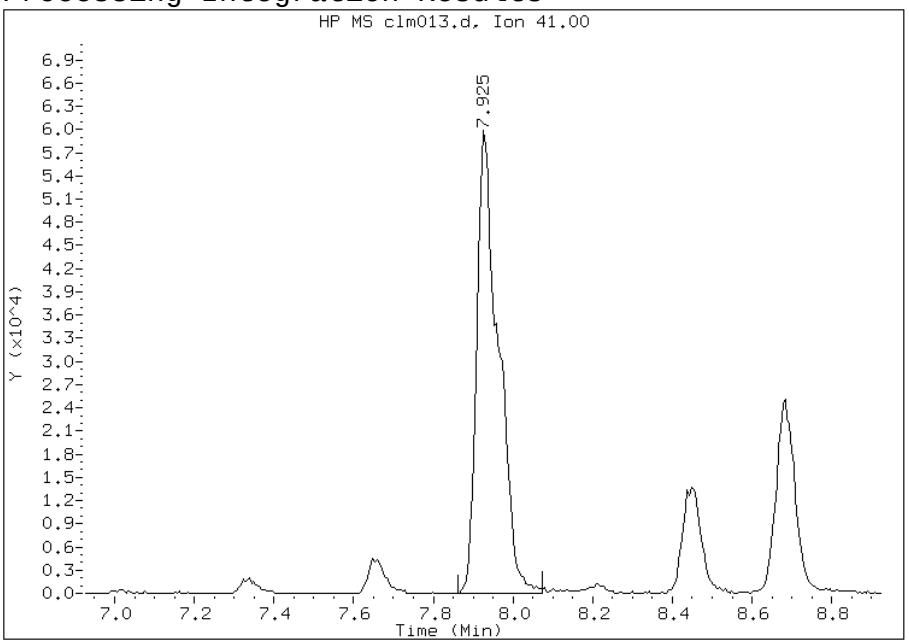
Processing Integration Results

RT: 7.93

Response: 226057

Amount: 12.00

Conc: 12.00



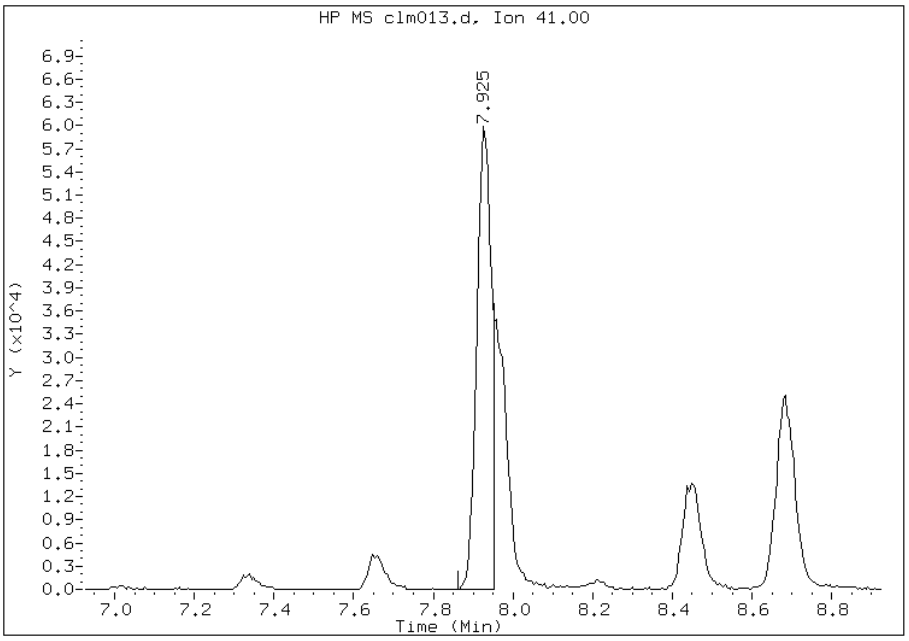
Manual Integration Results

RT: 7.93

Response: 152086

Amount: 8.07

Conc: 8.07



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm013.d
Lab Sample ID: icv 476347
Inj. Date and Time: 29-MAR-2013 19:26
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 04/01/2013

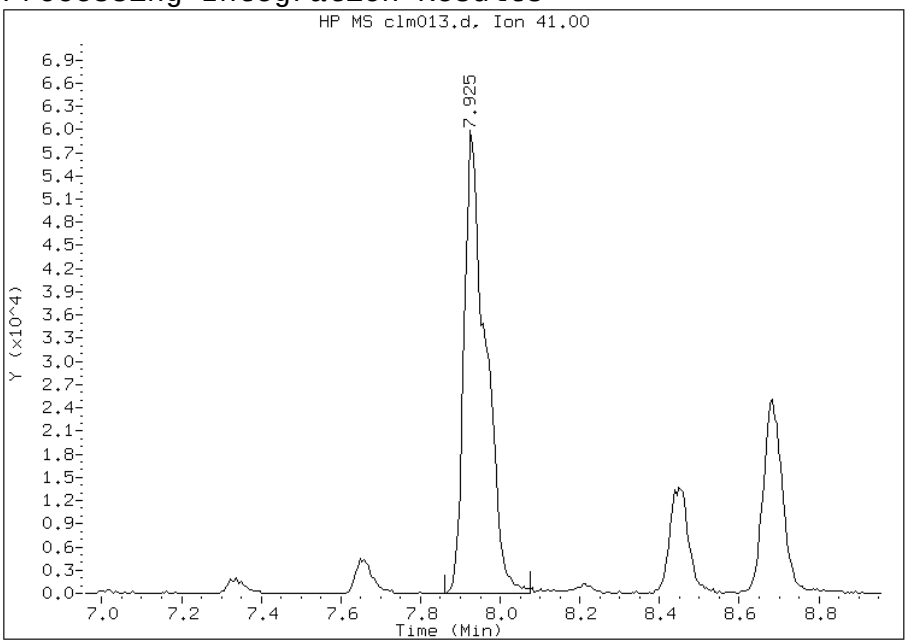
Processing Integration Results

RT: 7.93

Response: 226057

Amount: 23.45

Conc: 23.45



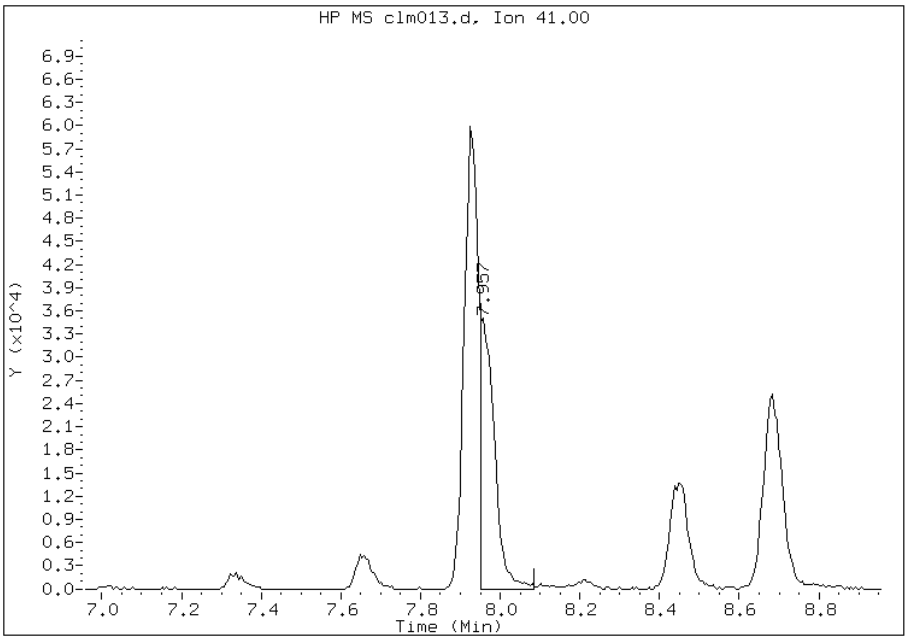
Manual Integration Results

RT: 7.96

Response: 85736

Amount: 8.89

Conc: 8.89



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clm013.d
Lab Sample ID: icv 476347
Inj. Date and Time: 29-MAR-2013 19:26
Instrument ID: C.i
Client ID:
Compound: 35 Ethyl acetate
CAS #: 141-78-6
Report Date: 04/01/2013

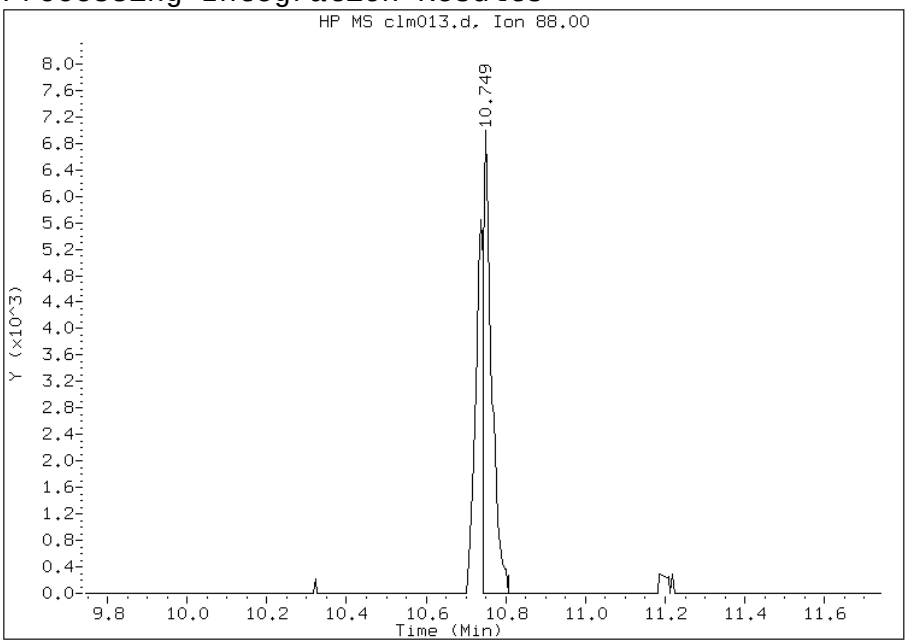
Processing Integration Results

RT: 10.75

Response: 10337

Amount: 7.25

Conc: 7.25



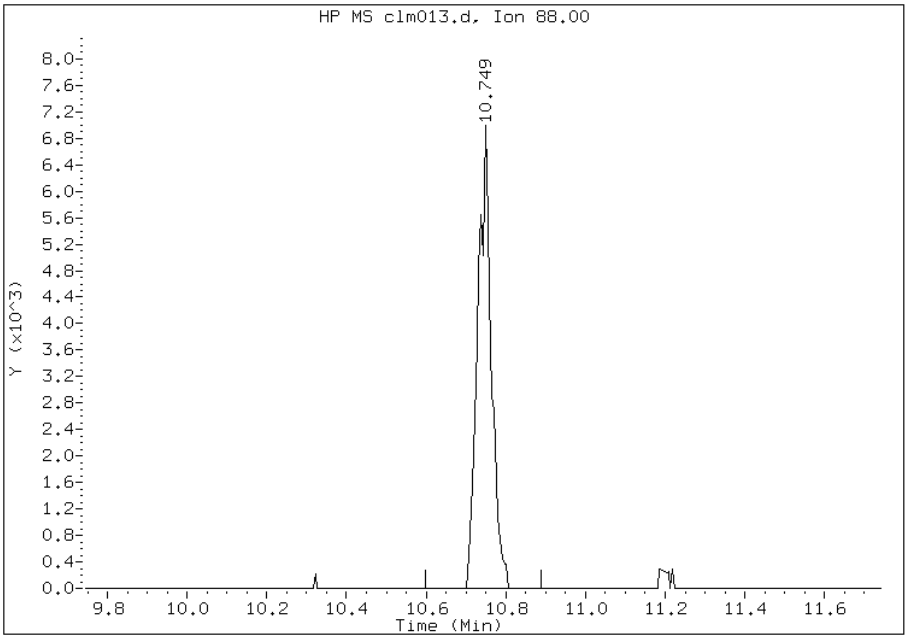
Manual Integration Results

RT: 10.75

Response: 16627

Amount: 11.66

Conc: 11.66



File Uploaded By: jd1
Manual Integration Reason: Poor chromatography

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab Sample ID: CCVIS 200-53730/2 Calibration Date: 04/01/2013 09:44

Instrument ID: C.i Calib Start Date: 03/29/2013 10:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/29/2013 16:47

Lab File ID: clmb002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6382	0.7922		12.4	10.0	24.1	30.0
Dichlorodifluoromethane	Ave	3.925	4.465		11.4	10.0	13.8	30.0
Freon 22	Ave	1.752	1.947		11.1	10.0	11.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.248	3.619		11.1	10.0	11.4	30.0
Chloromethane	Ave	0.7365	0.7799		10.6	10.0	5.9	30.0
n-Butane	Ave	1.154	1.283		11.1	10.0	11.2	30.0
Vinyl chloride	Ave	0.9228	0.9472		10.3	10.0	2.6	30.0
1,3-Butadiene	Ave	0.6219	0.7148		11.5	10.0	14.9	30.0
Bromomethane	Ave	0.8324	0.8309		9.98	10.0	-0.2	30.0
Chloroethane	Ave	0.3853	0.4093		10.6	10.0	6.2	30.0
Isopentane	Ave	0.7301	0.8068		11.0	10.0	10.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9286	0.8735		9.40	10.0	-5.9	30.0
Trichlorofluoromethane	Ave	3.514	3.579		10.2	10.0	1.8	30.0
n-Pentane	Ave	1.283	1.327		10.3	10.0	3.4	30.0
Ethanol	Ave	0.2332	0.2608		16.8	15.0	11.8	30.0
Ethyl ether	Ave	0.5372	0.5631		10.5	10.0	4.8	30.0
Acrolein	Ave	0.2398	0.2498		10.4	10.0	4.2	30.0
Freon TF	Ave	2.037	2.071		10.2	10.0	1.7	30.0
1,1-Dichloroethene	Ave	0.8877	0.8939		10.1	10.0	0.7	30.0
Acetone	Ave	0.9128	1.105		12.1	10.0	21.0	30.0
Carbon disulfide	Ave	2.574	2.594		10.1	10.0	0.8	30.0
Isopropyl alcohol	Ave	0.7220	0.8501		11.8	10.0	17.7	30.0
3-Chloropropene	Ave	0.8517	0.8504		9.98	10.0	-0.2	30.0
Acetonitrile	Ave	0.4357	0.5600		12.8	10.0	28.5	30.0
Methylene Chloride	Ave	0.8859	0.8956		10.1	10.0	1.1	30.0
tert-Butyl alcohol	Ave	1.354	1.525		11.3	10.0	12.6	30.0
Methyl tert-butyl ether	Ave	2.591	2.704		10.4	10.0	4.3	30.0
trans-1,2-Dichloroethene	Ave	1.360	1.428		10.5	10.0	5.0	30.0
Acrylonitrile	Ave	0.4732	0.4700		9.93	10.0	-0.7	30.0
n-Hexane	Ave	1.293	1.309		10.1	10.0	1.2	30.0
1,1-Dichloroethane	Ave	1.676	1.724		10.3	10.0	2.9	30.0
Vinyl acetate	Ave	1.365	1.589		11.6	10.0	16.4	30.0
cis-1,2-Dichloroethene	Ave	1.023	1.044		10.2	10.0	2.0	30.0
Methyl Ethyl Ketone	Ave	0.3816	0.3729		9.77	10.0	-2.3	30.0
Ethyl acetate	Ave	0.0644	0.0694		10.8	10.0	7.7	30.0
Tetrahydrofuran	Ave	0.1011	0.1173		11.6	10.0	16.0	30.0
Chloroform	Ave	2.487	2.555		10.3	10.0	2.7	30.0
1,1,1-Trichloroethane	Ave	0.5522	0.5838		10.6	10.0	5.7	30.0
Cyclohexane	Ave	0.2535	0.2526		9.96	10.0	-0.4	30.0
Carbon tetrachloride	Ave	0.5826	0.6307		10.8	10.0	8.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab Sample ID: CCVIS 200-53730/2 Calibration Date: 04/01/2013 09:44

Instrument ID: C.i Calib Start Date: 03/29/2013 10:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/29/2013 16:47

Lab File ID: clmb002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5564	0.5388		9.68	10.0	-3.2	30.0
2,2,4-Trimethylpentane	Ave	0.7313	0.7397		10.1	10.0	1.1	30.0
1,2-Dichloroethane	Ave	0.3178	0.3407		10.7	10.0	7.2	30.0
n-Heptane	Ave	0.2276	0.2367		10.4	10.0	4.0	30.0
n-Butanol	Ave	0.0605	0.0642		10.6	10.0	6.1	30.0
Trichloroethene	Ave	0.2969	0.3001		10.1	10.0	1.0	30.0
1,2-Dichloropropane	Ave	0.1694	0.1683		9.93	10.0	-0.7	30.0
Methyl methacrylate	Ave	0.1373	0.1463		10.7	10.0	6.6	30.0
1,4-Dioxane	Ave	0.0718	0.0755		10.5	10.0	5.1	30.0
Dibromomethane	Ave	0.2678	0.2815		10.5	10.0	5.1	30.0
Bromodichloromethane	Ave	0.4971	0.5344		10.7	10.0	7.5	30.0
cis-1,3-Dichloropropene	Ave	0.3151	0.3268		10.4	10.0	3.7	30.0
methyl isobutyl ketone	Ave	0.2040	0.2069		10.1	10.0	1.4	30.0
Toluene	Ave	0.4507	0.4391		9.74	10.0	-2.6	30.0
n-Octane	Ave	0.2950	0.3107		10.5	10.0	5.3	30.0
trans-1,3-Dichloropropene	Ave	0.3304	0.3575		10.8	10.0	8.2	30.0
1,1,2-Trichloroethane	Ave	0.2055	0.2014		9.80	10.0	-2.0	30.0
Tetrachloroethene	Ave	0.4542	0.4775		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2060	0.2051		9.96	10.0	-0.4	30.0
Dibromochloromethane	Ave	0.5277	0.5713		10.8	10.0	8.3	30.0
1,2-Dibromoethane	Ave	0.4347	0.4456		10.2	10.0	2.5	30.0
Chlorobenzene	Ave	0.6335	0.6332		9.99	10.0	-0.0	30.0
Ethylbenzene	Ave	0.9693	0.9515		9.81	10.0	-1.8	30.0
n-Nonane	Ave	0.3400	0.3334		9.80	10.0	-1.9	30.0
m,p-Xylene	Ave	0.3629	0.3672		20.2	20.0	1.2	30.0
Xylene, o-	Ave	0.3572	0.3585		10.0	10.0	0.4	30.0
Styrene	Ave	0.5136	0.5437		10.6	10.0	5.9	30.0
Bromoform	Ave	0.5126	0.5814		11.3	10.0	13.4	30.0
Cumene	Ave	1.086	1.113		10.2	10.0	2.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4708	0.4611		9.79	10.0	-2.1	30.0
1,2,3-Trichloropropane	Ave	0.3937	0.3946		10.0	10.0	0.2	30.0
n-Propylbenzene	Ave	1.234	1.286		10.4	10.0	4.1	30.0
2-Chlorotoluene	Ave	0.9646	0.9930		10.3	10.0	2.9	30.0
4-Ethyltoluene	Ave	1.055	1.115		10.6	10.0	5.6	30.0
n-Decane	Ave	0.3707	0.3844		10.4	10.0	3.7	30.0
1,3,5-Trimethylbenzene	Ave	0.9432	1.003		10.6	10.0	6.3	30.0
Alpha Methyl Styrene	Ave	0.4097	0.4619		11.3	10.0	12.7	30.0
tert-Butylbenzene	Ave	0.9156	0.9697		10.6	10.0	5.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9203	0.9939		10.8	10.0	8.0	30.0
sec-Butylbenzene	Ave	1.278	1.345		10.5	10.0	5.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Lab Sample ID: CCVIS 200-53730/2 Calibration Date: 04/01/2013 09:44

Instrument ID: C.i Calib Start Date: 03/29/2013 10:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/29/2013 16:47

Lab File ID: clmb002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.103	1.188		10.8	10.0	7.7	30.0
1,3-Dichlorobenzene	Ave	0.6499	0.7045		10.8	10.0	8.4	30.0
1,4-Dichlorobenzene	Ave	0.6537	0.7025		10.7	10.0	7.5	30.0
Benzyl chloride	Ave	0.7772	0.8262		10.6	10.0	6.3	30.0
n-Butylbenzene	Ave	0.9176	1.001		10.9	10.0	9.0	30.0
n-Undecane	Ave	0.2811	0.2856		10.2	10.0	1.6	30.0
1,2-Dichlorobenzene	Ave	0.6265	0.6785		10.8	10.0	8.3	30.0
n-Dodecane	Ave	0.2069	0.2218		10.7	10.0	7.2	30.0
1,2,4-Trichlorobenzene	Ave	0.4131	0.4405		10.7	10.0	6.6	30.0
Hexachlorobutadiene	Ave	0.5228	0.5918		11.3	10.0	13.2	30.0
Naphthalene	Ave	0.7255	0.7460		10.3	10.0	2.8	30.0
1,2,3-Trichlorobenzene	Ave	0.3616	0.3847		10.6	10.0	6.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmbto15.b/clmb002.d
Lab Smp Id: ccvis 474911
Inj Date : 01-APR-2013 09:44
Operator : wrd Inst ID: C.i
Smp Info : ccvis 474911
Misc Info : 200,1,ccvis
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.624	3.624	(0.327)	147694	10.0000	12
2 Dichlorodifluoromethane	85	3.704	3.704	(0.334)	832503	10.0000	11
3 Chlorodifluoromethane	51	3.752	3.752	(0.339)	363068	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.003	4.003	(0.361)	674674	10.0000	11
5 Chloromethane	50	4.141	4.136	(0.374)	145406	10.0000	11
6 Butane	43	4.382	4.376	(0.396)	239122	10.0000	11
7 Vinyl chloride	62	4.414	4.408	(0.399)	176606	10.0000	10
8 1,3-Butadiene	54	4.499	4.499	(0.406)	133275	10.0000	11
9 Bromomethane	94	5.209	5.209	(0.470)	154915	10.0000	10(Q)
10 Chloroethane	64	5.460	5.460	(0.493)	76310	10.0000	11(Q)
11 2-Methylbutane	43	5.577	5.577	(0.504)	150426	10.0000	11
12 Vinyl bromide	106	5.871	5.865	(0.530)	162865	10.0000	9.4
13 Trichlorofluoromethane	101	5.999	5.999	(0.542)	667367	10.0000	10
14 Pentane	43	6.164	6.159	(0.557)	247418	10.0000	10

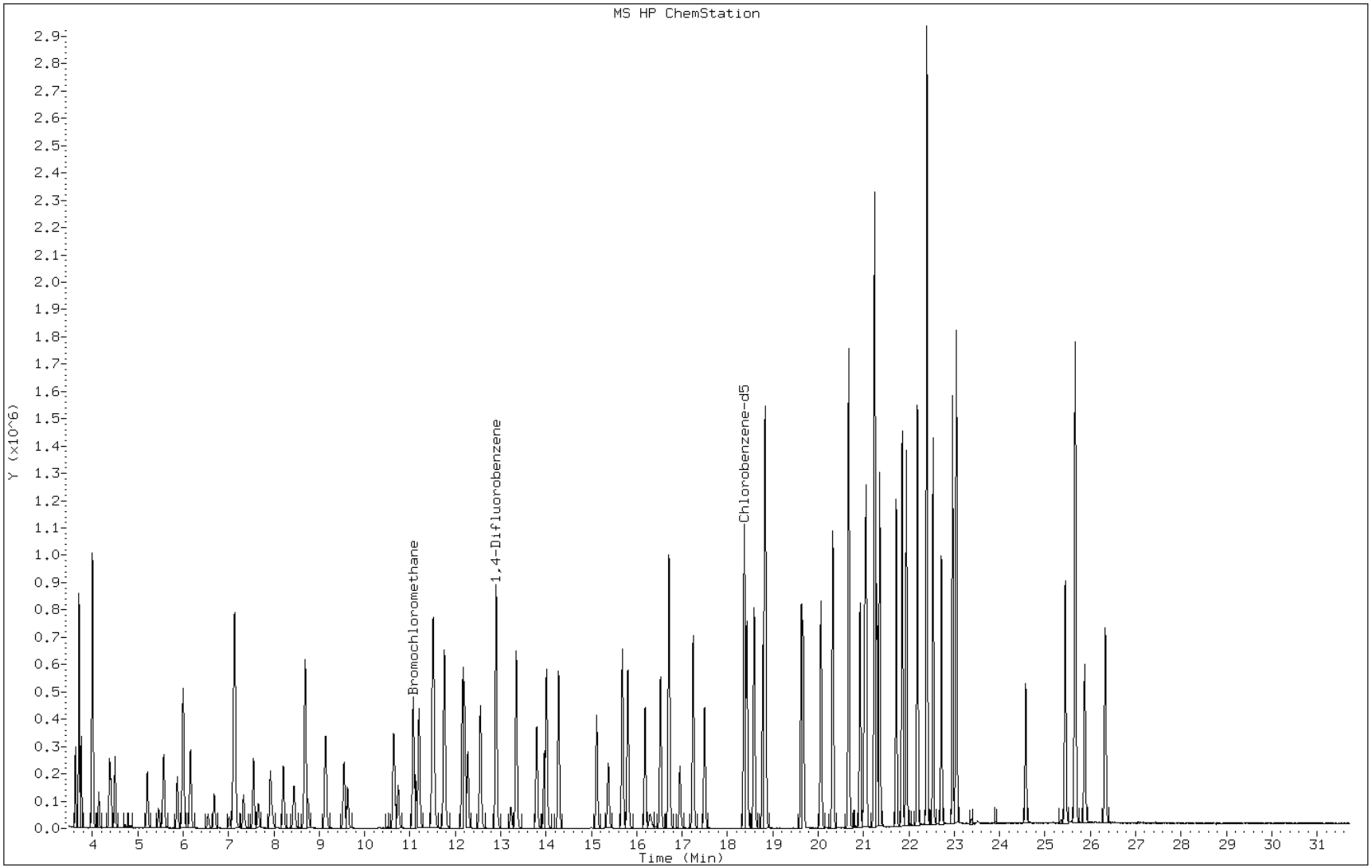
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.554	6.548	(0.592)	72958	15.0000	17
	16 Ethyl ether	59	6.687	6.687	(0.604)	104982	10.0000	10(Q)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.125	7.125	(0.643)	386055	10.0000	10
	18 Acrolein	56	7.018	7.013	(0.634)	46571	10.0000	10
	19 1,1-Dichloroethene	96	7.146	7.141	(0.645)	166658	10.0000	10(Q)
	20 Acetone	43	7.333	7.333	(0.662)	206016	10.0000	12(Q)
	21 Carbon disulfide	76	7.552	7.546	(0.682)	483652	10.0000	10
	22 Isopropanol	45	7.653	7.658	(0.691)	158499	10.0000	12
	23 Allyl chloride	41	7.925	7.925	(0.716)	158559	10.0000	10(M)
	24 Acetonitrile	41	7.947	7.957	(0.718)	104409	10.0000	13(QM)
	25 Methylene chloride	49	8.208	8.208	(0.741)	166984	10.0000	10(Q)
	26 Tert-butyl alcohol	59	8.443	8.448	(0.762)	284346	10.0000	11(Q)
	27 Methyl tert-butyl ether	73	8.683	8.683	(0.784)	504149	10.0000	10
	28 1,2-Dichloroethene (trans)	61	8.694	8.688	(0.785)	266297	10.0000	11
	29 Acrylonitrile	53	8.758	8.753	(0.791)	87631	10.0000	9.9
	30 n-Hexane	57	9.142	9.142	(0.826)	244042	10.0000	10
	31 1,1-Dichloroethane	63	9.548	9.548	(0.862)	321365	10.0000	10(Q)
	32 Vinyl acetate	43	9.628	9.628	(0.869)	296201	10.0000	12
M	33 1,2-Dichloroethene,Total	61				460866	20.0000	21
	34 1,2-Dichloroethene (cis)	96	10.636	10.636	(0.960)	194569	10.0000	10
	35 Ethyl acetate	88	10.748	10.743	(0.971)	12936	10.0000	11(Q)
	36 Methyl Ethyl Ketone	72	10.663	10.668	(0.963)	69520	10.0000	9.8
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	186484	10.0000	
	38 Tetrahydrofuran	42	11.127	11.127	(0.862)	120030	10.0000	12
	39 Chloroform	83	11.202	11.202	(1.012)	476400	10.0000	10(Q)
	40 Cyclohexane	84	11.522	11.522	(0.893)	258442	10.0000	10
	41 1,1,1-Trichloroethane	97	11.501	11.501	(0.891)	597236	10.0000	11
	42 Carbon tetrachloride	117	11.757	11.763	(0.911)	645157	10.0000	11
	43 2,2,4-Trimethylpentane	57	12.195	12.195	(0.945)	756694	10.0000	10
	44 Benzene	78	12.152	12.152	(0.942)	551150	10.0000	9.7
	45 1,2-Dichloroethane	62	12.280	12.280	(0.952)	348542	10.0000	11
	46 n-Heptane	43	12.558	12.552	(0.973)	242115	10.0000	10
*	47 1,4-Difluorobenzene	114	12.905	12.905	(1.000)	1023185	10.0000	
	48 n-Butanol	56	13.230	13.225	(1.025)	65704	10.0000	11
	49 Trichloroethene	95	13.348	13.342	(1.034)	306946	10.0000	10
	50 1,2-Dichloropropane	63	13.796	13.796	(1.069)	172199	10.0000	9.9
	51 Methyl methacrylate	69	13.956	13.961	(1.081)	149669	10.0000	11(Q)
	52 Dibromomethane	174	14.015	14.015	(1.086)	287960	10.0000	11
	53 1,4-Dioxane	88	14.009	14.004	(1.086)	77214	10.0000	11
	54 Bromodichloromethane	83	14.276	14.276	(1.106)	546686	10.0000	11
	55 1,3-Dichloropropene (cis)	75	15.119	15.119	(1.172)	334272	10.0000	10
	56 Methyl isobutyl ketone	43	15.376	15.370	(1.191)	211672	10.0000	10
	57 n-Octane	43	15.808	15.808	(1.225)	317836	10.0000	11
	58 Toluene	92	15.685	15.685	(0.854)	434963	10.0000	9.7
	59 1,3-Dichloropropene (trans)	75	16.181	16.182	(1.254)	365758	10.0000	11
	60 1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	199478	10.0000	9.8
	61 Tetrachloroethene	166	16.710	16.710	(0.910)	472911	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	16.955	16.955	(0.923)	203157	10.0000	10
63	Dibromochloromethane	129	17.243	17.244	(0.939)	565898	10.0000	11
64	1,2-Dibromoethane	107	17.494	17.500	(0.952)	441330	10.0000	10
* 65	Chlorobenzene-d5	117	18.370	18.375	(1.000)	990689	10.0000	
66	Chlorobenzene	112	18.428	18.428	(1.003)	627218	10.0000	10
67	n-Nonane	57	18.780	18.781	(1.022)	330228	10.0000	9.8
68	Ethylbenzene	91	18.594	18.594	(1.012)	942497	10.0000	9.8
69	Xylene (m,p)	106	18.834	18.834	(1.025)	727465	20.0000	20
M 70	Xylenes, Total	106				1082551	10.0000	30
71	Xylene (o)	106	19.634	19.629	(1.069)	355086	10.0000	10
72	Styrene	104	19.672	19.672	(1.071)	538551	10.0000	11
73	Bromoform	173	20.061	20.061	(1.092)	575899	10.0000	11
74	Isopropylbenzene	105	20.328	20.328	(1.107)	1102161	10.0000	10(Q)
75	1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	456744	10.0000	9.8(Q)
76	n-Propylbenzene	91	21.054	21.054	(1.146)	1273285	10.0000	10(Q)
77	1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	390878	10.0000	10
78	n-Decane	57	21.294	21.294	(1.159)	380695	10.0000	10
79	4-Ethyltoluene	105	21.251	21.246	(1.157)	1103944	10.0000	11
80	2-Chlorotoluene	91	21.241	21.241	(1.156)	983524	10.0000	10
81	1,3,5-Trimethylbenzene	105	21.358	21.358	(1.163)	993096	10.0000	11(Q)
82	Alpha Methyl Styrene	118	21.721	21.721	(1.182)	457489	10.0000	11
83	tert-butylbenzene	119	21.855	21.855	(1.190)	960506	10.0000	11(Q)
84	1,2,4-Trimethylbenzene	105	21.945	21.945	(1.195)	984404	10.0000	11(Q)
85	sec-Butylbenzene	105	22.185	22.186	(1.208)	1331751	10.0000	11(Q)
86	4-Isopropyltoluene	119	22.394	22.394	(1.219)	1177040	10.0000	11(Q)
87	1,3-Dichlorobenzene	146	22.404	22.399	(1.220)	697824	10.0000	11(Q)
88	1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	695795	10.0000	11(Q)
89	Benzyl chloride	91	22.714	22.714	(1.236)	818344	10.0000	11
90	Undecane	57	23.039	23.039	(1.254)	282853	10.0000	10
91	n-Butylbenzene	91	22.965	22.965	(1.250)	991012	10.0000	11(Q)
92	1,2-Dichlorobenzene	146	23.055	23.055	(1.255)	672011	10.0000	11(Q)
93	Dodecane	57	24.576	24.571	(1.338)	219650	10.0000	11
94	1,2,4-Trichlorobenzene	180	25.452	25.452	(1.386)	436297	10.0000	11
95	1,3-Hexachlorobutadiene	225	25.665	25.665	(1.397)	586130	10.0000	11
96	Naphthalene	128	25.879	25.879	(1.409)	738909	10.0000	10
97	1,2,3-Trichlorobenzene	180	26.327	26.327	(1.433)	381064	10.0000	11(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clmb002.d	Date:	01-APR-2013 09:44
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 474911		
Lab Sample ID:	ccvis 474911		



Manual Integration Report

Data File: clmb002.d
Lab Sample ID: ccvis 474911
Inj. Date and Time: 01-APR-2013 09:44
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/02/2013

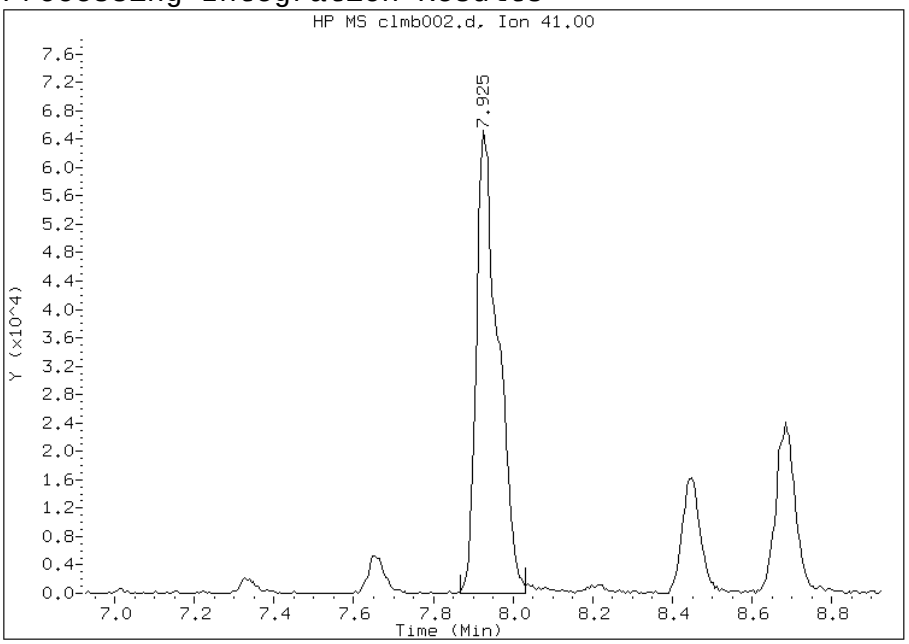
Processing Integration Results

RT: 7.93

Response: 248122

Amount: 15.62

Conc: 15.62



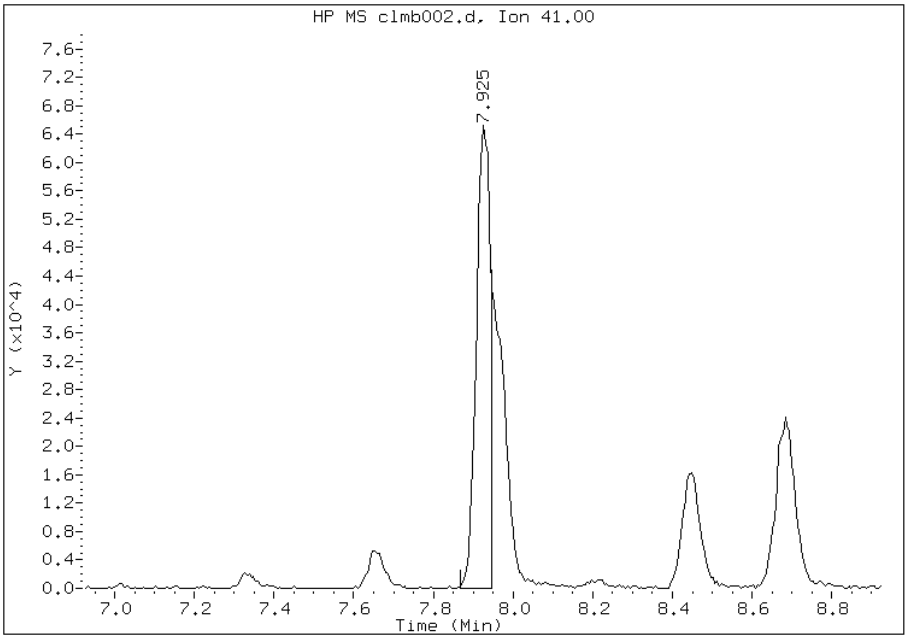
Manual Integration Results

RT: 7.93

Response: 158559

Amount: 9.98

Conc: 9.98



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: clmb002.d
Lab Sample ID: ccvis 474911
Inj. Date and Time: 01-APR-2013 09:44
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 04/02/2013

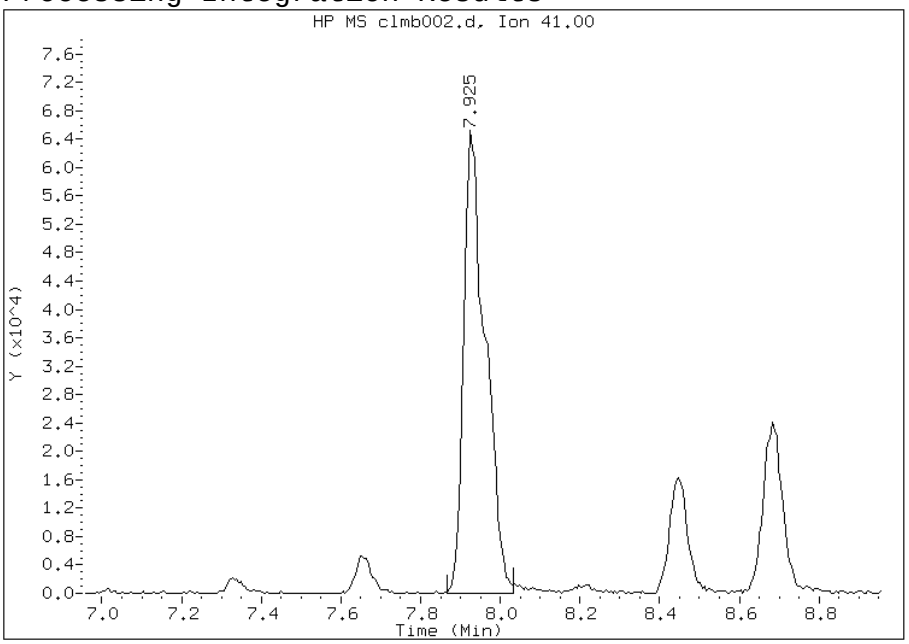
Processing Integration Results

RT: 7.93

Response: 248122

Amount: 30.53

Conc: 30.53



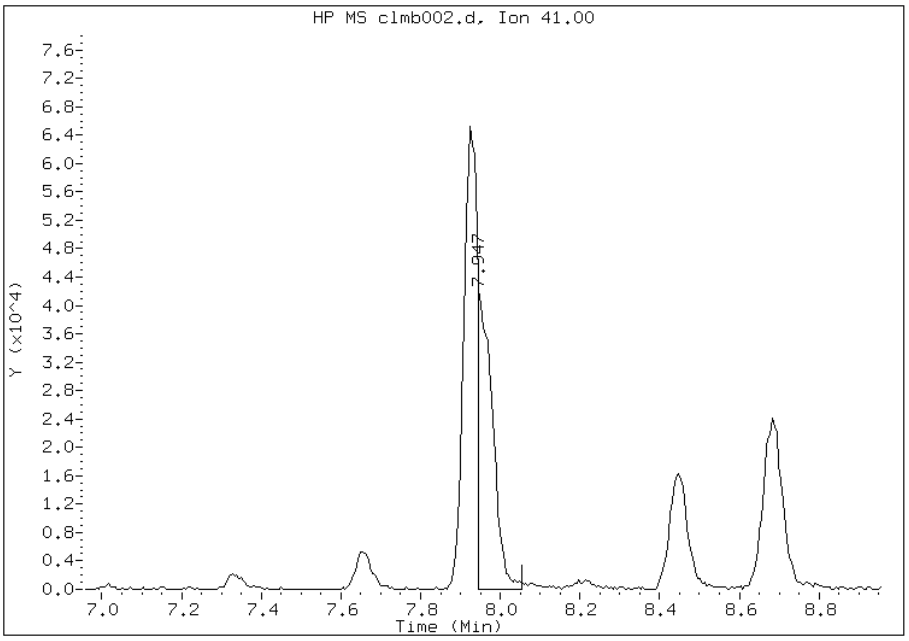
Manual Integration Results

RT: 7.95

Response: 104409

Amount: 12.85

Conc: 12.85



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/clmto15.b/clm001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 29-MAR-2013 08:48
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/clmto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

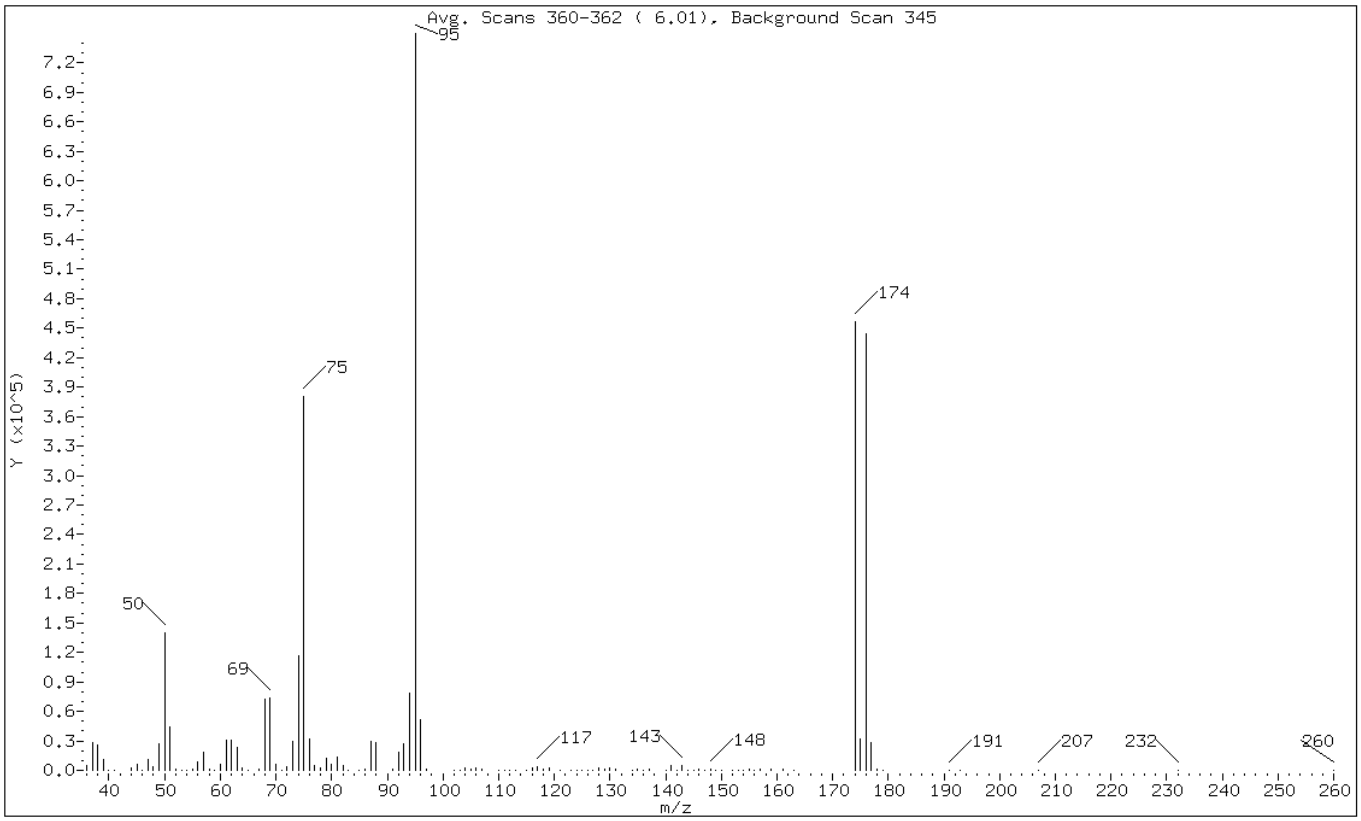
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
6.006	6.760	-0.754	95	749888			100.00- 100.00	100.00
6.006	6.760	-0.754	50	139861			8.00- 40.00	18.65
6.006	6.760	-0.754	75	380183			30.00- 66.00	50.70
6.006	6.760	-0.754	96	51270			5.00- 9.00	6.84
6.006	6.760	-0.754	173	0			0.00- 2.00	0.00
6.006	6.760	-0.754	174	456426			50.00- 120.00	60.87
6.006	6.760	-0.754	175	31997			4.00- 9.00	7.01
6.006	6.760	-0.754	176	444714			93.00- 101.00	97.43
6.006	6.760	-0.754	177	27797			5.00- 9.00	6.25

Data File: clm001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 29-MAR-2013 08:48
Instrument: C.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	18.65
75	30.00 - 66.00% of mass 95	50.70
96	5.00 - 9.00% of mass 95	6.84
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	60.87
175	4.00 - 9.00% of mass 174	4.27 (7.01)
176	93.00 - 101.00% of mass 174	59.30 (97.43)
177	5.00 - 9.00% of mass 176	3.71 (6.25)

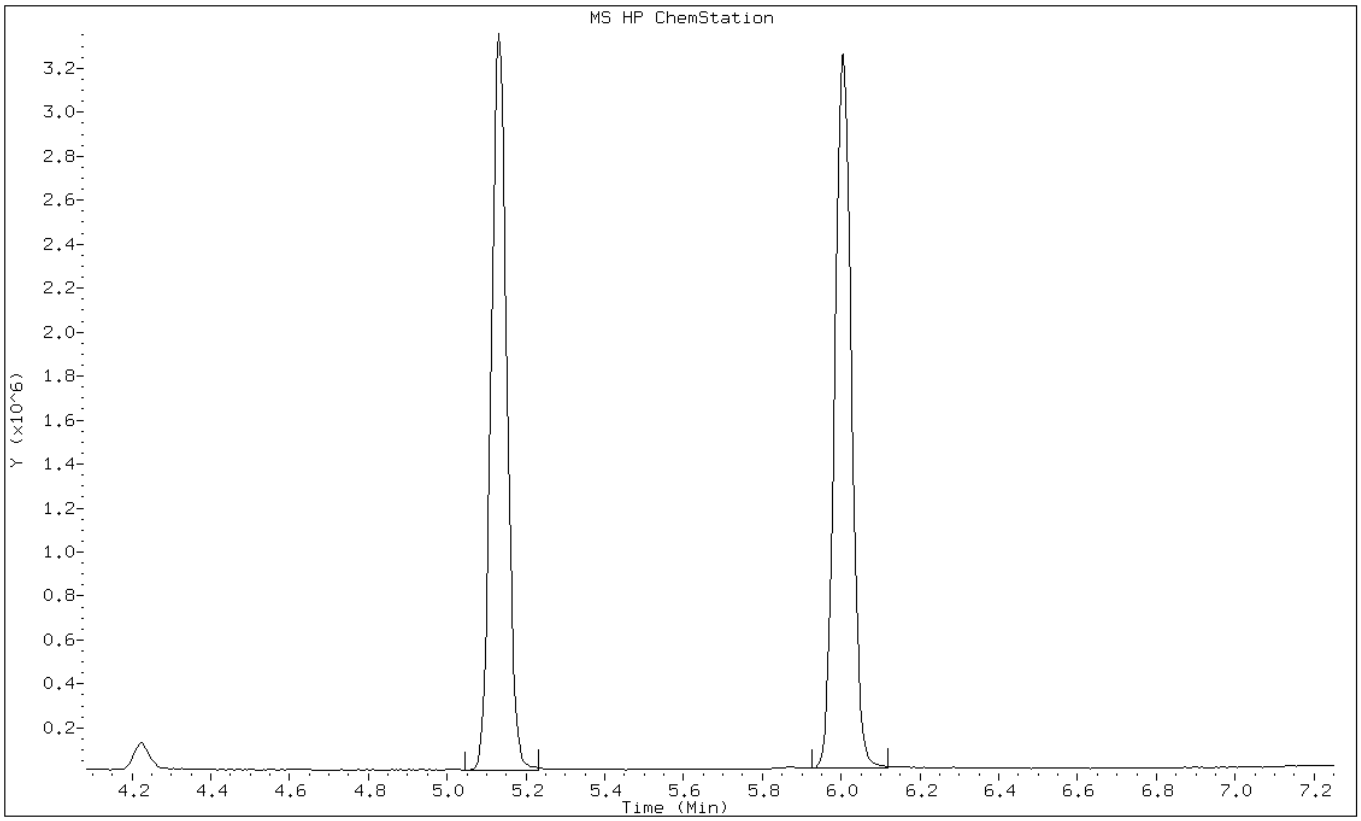
Data File: clm001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 29-MAR-2013 08:48
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/clmto15.b/clm001.d
Spectrum: Avg. Scans 360-362 (6.01), Background Scan 345
Location of Maximum: 95.00
Number of points: 116

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4692	69.00	73112	106.00	2154	145.00	575
37.00	28112	70.00	5541	107.00	619	146.00	766
38.00	25656	71.00	188	110.00	249	147.00	284
39.00	10926	72.00	3508	111.00	434	148.00	1572
40.00	377	73.00	29656	112.00	86	149.00	403
41.00	95	74.00	116416	113.00	381	150.00	560
44.00	2772	75.00	380160	115.00	486	152.00	254
45.00	5882	76.00	32408	116.00	1907	153.00	435
46.00	290	77.00	4347	117.00	3374	154.00	342
47.00	10691	78.00	2774	118.00	1583	155.00	1193
48.00	3666	79.00	12167	119.00	2344	156.00	417
49.00	27048	80.00	5617	121.00	84	157.00	1018
50.00	139840	81.00	13410	123.00	78	159.00	712
51.00	43776	82.00	4428	124.00	302	161.00	619
52.00	1780	83.00	514	125.00	283	163.00	151
53.00	95	85.00	103	126.00	183	174.00	456384
54.00	72	86.00	643	127.00	303	175.00	31992
55.00	1240	87.00	29056	128.00	1974	176.00	444672
56.00	9102	88.00	27888	129.00	866	177.00	27792
57.00	18456	91.00	1688	130.00	1852	178.00	1076
58.00	754	92.00	17904	131.00	793	179.00	81
59.00	86	93.00	27400	134.00	81	191.00	168
60.00	5647	94.00	77976	135.00	869	193.00	53
61.00	31248	95.00	749888	136.00	191	207.00	25
62.00	31088	96.00	51264	137.00	949	232.00	22
63.00	22920	97.00	1513	140.00	376	260.00	35
64.00	2180	102.00	78	141.00	4553		
65.00	77	103.00	159	142.00	543		
67.00	1793	104.00	1984	143.00	4882		
68.00	72528	105.00	1031	144.00	281		

Data File:	clm001.d	Date:	29-MAR-2013 08:48
Client ID:	BFB	Instrument:	C.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/clmbto15.b/clmb001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 01-APR-2013 08:51
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

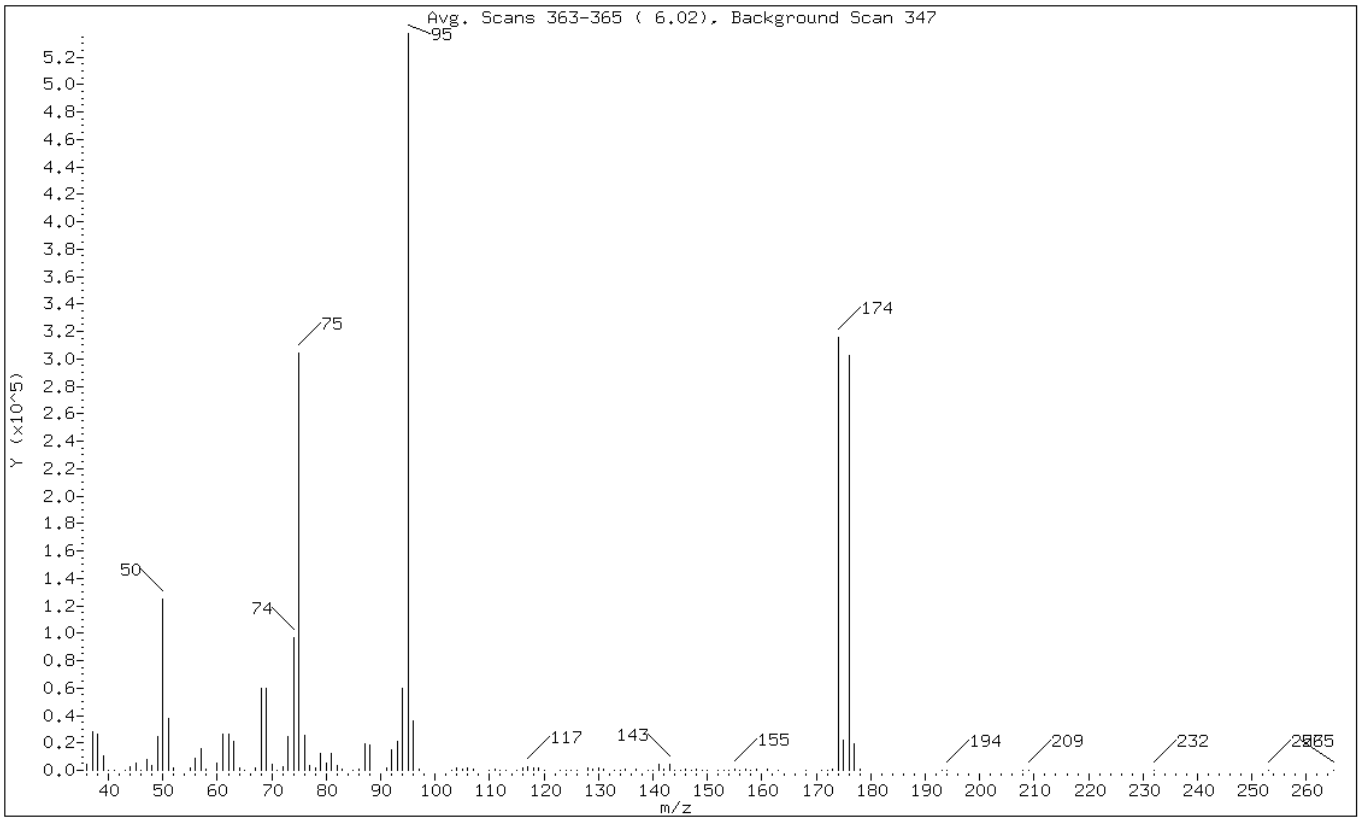
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
6.022	6.760	-0.738	95	537257			100.00- 100.00	100.00
6.022	6.760	-0.738	50	124564			8.00- 40.00	23.19
6.022	6.760	-0.738	75	304644			30.00- 66.00	56.70
6.022	6.760	-0.738	96	36187			5.00- 9.00	6.74
6.022	6.760	-0.738	173	543			0.00- 2.00	0.17
6.022	6.760	-0.738	174	315882			50.00- 120.00	58.80
6.022	6.760	-0.738	175	21576			4.00- 9.00	6.83
6.022	6.760	-0.738	176	302421			93.00- 101.00	95.74
6.022	6.760	-0.738	177	19337			5.00- 9.00	6.39

Data File:	clmb001.d	Date:	01-APR-2013 08:51
Client ID:	BFB	Instrument:	C.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	23.19
75	30.00 - 66.00% of mass 95	56.70
96	5.00 - 9.00% of mass 95	6.74
173	Less than 2.00% of mass 174	0.10 (0.17)
174	50.00 - 120.00% of mass 95	58.80
175	4.00 - 9.00% of mass 174	4.02 (6.83)
176	93.00 - 101.00% of mass 174	56.29 (95.74)
177	5.00 - 9.00% of mass 176	3.60 (6.39)

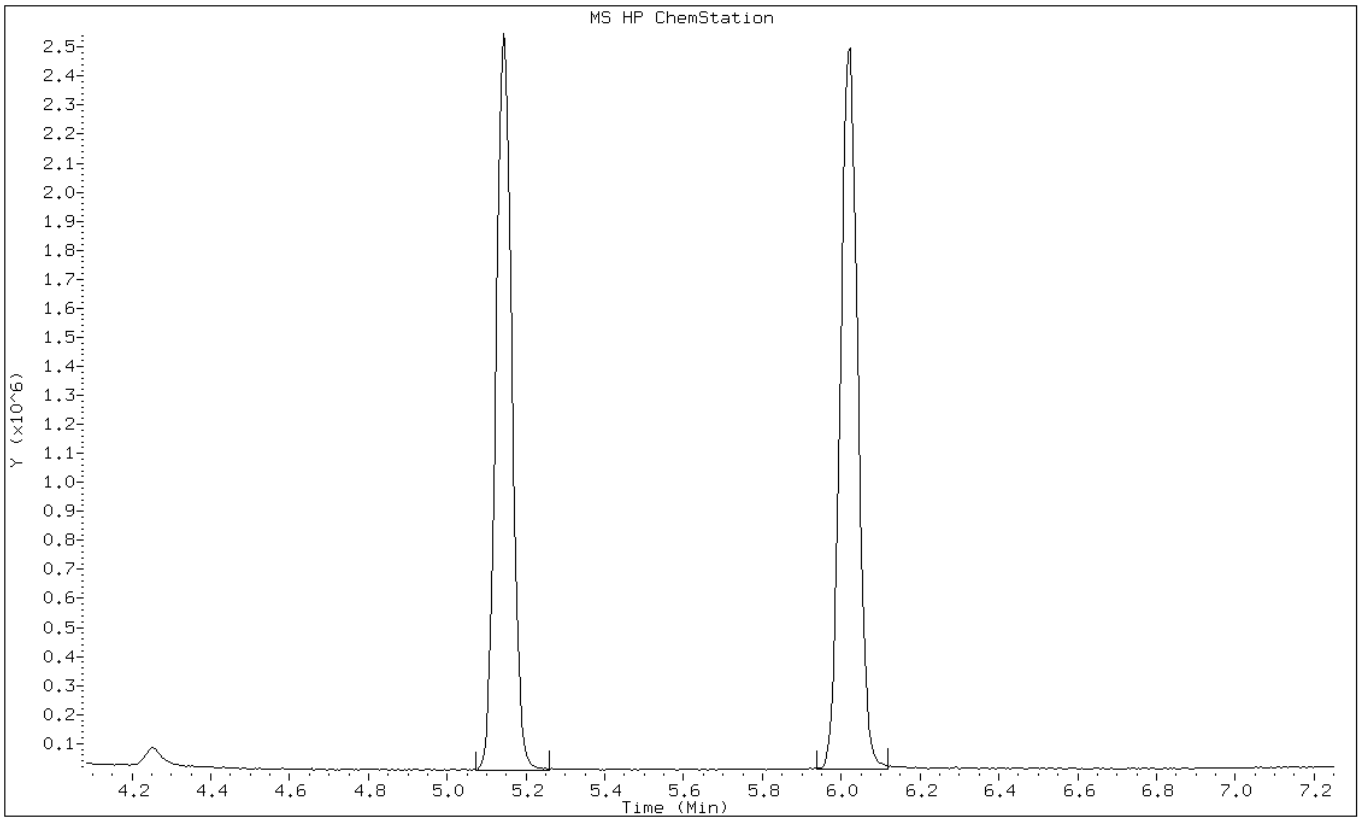
Data File: clmb001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 01-APR-2013 08:51
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/clmbto15.b/clmb001.d
Spectrum: Avg. Scans 363-365 (6.02), Background Scan 347
Location of Maximum: 95.00
Number of points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4609	71.00	98	111.00	441	148.00	1301
37.00	27880	72.00	3067	112.00	298	149.00	266
38.00	26080	73.00	24280	113.00	196	150.00	431
39.00	10319	74.00	96336	115.00	302	152.00	167
40.00	290	75.00	304640	116.00	1532	153.00	363
41.00	63	76.00	25904	117.00	2731	154.00	88
43.00	208	77.00	3461	118.00	1475	155.00	1089
44.00	2886	78.00	2095	119.00	1959	156.00	256
45.00	5262	79.00	12108	120.00	97	157.00	459
46.00	246	80.00	4955	123.00	281	158.00	205
47.00	8090	81.00	12346	124.00	280	159.00	505
48.00	3417	82.00	3796	125.00	146	161.00	565
49.00	24960	83.00	450	126.00	71	163.00	161
50.00	124560	85.00	79	128.00	1555	168.00	148
51.00	37864	86.00	445	129.00	837	171.00	140
52.00	1753	87.00	19584	130.00	1747	172.00	71
55.00	1569	88.00	18480	131.00	638	173.00	543
56.00	8381	91.00	1704	133.00	142	174.00	315840
57.00	15816	92.00	14723	134.00	162	175.00	21576
58.00	610	93.00	20776	135.00	693	176.00	302400
60.00	5014	94.00	59808	137.00	676	177.00	19336
61.00	26608	95.00	537216	139.00	80	178.00	551
62.00	26648	96.00	36184	140.00	269	193.00	61
63.00	21272	97.00	1310	141.00	4074	194.00	67
64.00	1918	103.00	395	142.00	557	208.00	71
65.00	174	104.00	1917	143.00	4376	209.00	181
67.00	1551	105.00	708	144.00	263	232.00	201
68.00	59544	106.00	1975	145.00	357	253.00	56
69.00	60168	107.00	488	146.00	696	265.00	146
70.00	4492	110.00	166	147.00	439		

Data File:	clmb001.d	Date:	01-APR-2013 08:51
Client ID:	BFB	Instrument:	C.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53730/4

Matrix: Air Lab File ID: clmb004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 11:30

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.080	U	0.50	0.020
75-45-6	Freon 22	86.47	0.080	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.080	U	0.50	0.034
106-97-8	n-Butane	58.12	0.080	U	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.028	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.080	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.080	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.080	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.080	U	0.20	0.021
76-13-1	Freon TF	187.38	0.080	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	0.50	U	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	0.20	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.080	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.080	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.080	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	0.080	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.080	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.080	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.080	U	0.20	0.023
67-66-3	Chloroform	119.38	0.080	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	0.080	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.080	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.040	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.20	0.015
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53730/4

Matrix: Air Lab File ID: clmb004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 11:30

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.028	U	0.20	0.0092
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	0.20	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.040	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.034
108-88-3	Toluene	92.14	0.040	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.080	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.040	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.040	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.040	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.040	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.040	U	0.20	0.016
100-42-5	Styrene	104.15	0.040	U	0.20	0.011
75-25-2	Bromoform	252.75	0.028	U	0.20	0.0072
98-82-8	Cumene	120.19	0.040	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.040	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.040	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.040	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.080	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.040	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.080	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.040	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.040	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53730/4

Matrix: Air Lab File ID: clmb004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 11:30

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.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.080	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.080	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.080	U	0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.080	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.080	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.080	U	0.50	0.038

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53730/4

Matrix: Air Lab File ID: clmb004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 11:30

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.40	U	2.5	0.099
75-45-6	Freon 22	86.47	0.28	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.14
74-87-3	Chloromethane	50.49	0.17	U	1.0	0.070
106-97-8	n-Butane	58.12	0.19	U	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.072	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.18	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.31	U	0.78	0.10
75-00-3	Chloroethane	64.52	0.21	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.45	U	1.1	0.12
76-13-1	Freon TF	187.38	0.61	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	1.2	U	12	0.95
67-63-0	Isopropyl alcohol	60.10	0.49	U	12	0.19
75-15-0	Carbon disulfide	76.14	0.25	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	0.25	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	0.28	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	0.24	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.32	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	0.24	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.32	U	0.79	0.091
67-66-3	Chloroform	119.38	0.39	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.24	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	0.44	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.14	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	0.25	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.93	0.070
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.16	U	0.81	0.073

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53730/4

Matrix: Air Lab File ID: clmb004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 11:30

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.070
79-01-6	Trichloroethene	131.39	0.15	U	1.1	0.049
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	0.72	U	18	0.25
75-27-4	Bromodichloromethane	163.83	0.27	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.14
108-88-3	Toluene	92.14	0.15	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.33	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.34	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.18	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.17	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	0.17	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.17	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.17	U	0.87	0.069
100-42-5	Styrene	104.15	0.17	U	0.85	0.047
75-25-2	Bromoform	252.75	0.29	U	2.1	0.074
98-82-8	Cumene	120.19	0.20	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.20	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	0.21	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.22	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	0.22	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	0.44	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	0.24	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	0.24	U	1.2	0.11

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-53730/4

Matrix: Air Lab File ID: clmb004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 11:30

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.: 53730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	0.41	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	0.44	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	0.48	U	1.2	0.16
120-82-1	1,2,4-Trichlorobenzene	181.45	0.59	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	0.85	U	2.1	0.31
91-20-3	Naphthalene	128.17	0.42	U	2.6	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmbto15.b/clmb004.d
Lab Smp Id: mb
Inj Date : 01-APR-2013 11:30
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

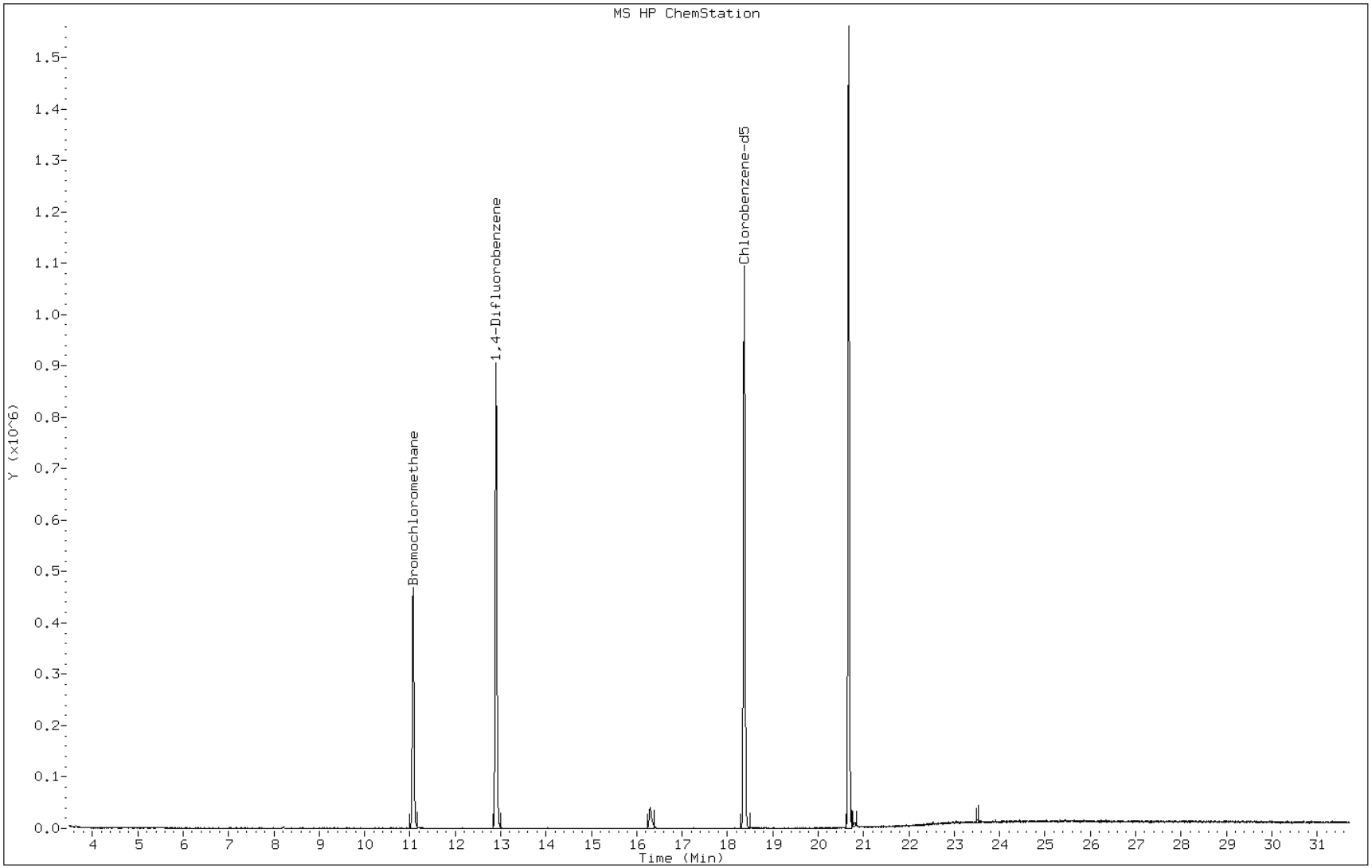
		QUANT SIG				CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT REL RT	RESPONSE	(ppb v/v)	(ppb v/v)
	15 Ethanol	45	Compound Not Detected.				
	16 Ethyl ether	59	Compound Not Detected.				
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.				
	18 Acrolein	56	Compound Not Detected.				
	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	11.069	11.069 (1.000)	202574	10.0000	(Q)
	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	12.899	12.905 (1.000)	1105775	10.0000	
	48 n-Butanol	56	Compound Not Detected.				
	49 Trichloroethene	95	Compound Not Detected.				
	50 1,2-Dichloropropane	63	Compound Not Detected.				
	51 Methyl methacrylate	69	Compound Not Detected.				
	52 Dibromomethane	174	Compound Not Detected.				
	53 1,4-Dioxane	88	Compound Not Detected.				
	54 Bromodichloromethane	83	Compound Not Detected.				
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.				
	56 Methyl isobutyl ketone	43	Compound Not Detected.				
	57 n-Octane	43	Compound Not Detected.				
	58 Toluene	92	Compound Not Detected.				
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.				
	60 1,1,2-Trichloroethane	83	Compound Not Detected.				
	61 Tetrachloroethene	166	Compound Not Detected.				

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.370	18.375	(1.000)	1008418	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	clmb004.d	Date:	01-APR-2013 11:30
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53730/3

Matrix: Air Lab File ID: clmb003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 10:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	10.3		0.50	0.020
75-45-6	Freon 22	86.47	9.03		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.0		0.20	0.020
74-87-3	Chloromethane	50.49	8.40		0.50	0.034
106-97-8	n-Butane	58.12	8.43		0.50	0.022
75-01-4	Vinyl chloride	62.50	8.79		0.20	0.0091
106-99-0	1,3-Butadiene	54.09	9.72		0.20	0.025
74-83-9	Bromomethane	94.94	9.75		0.20	0.027
75-00-3	Chloroethane	64.52	9.43		0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.96		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	10.3		0.20	0.021
76-13-1	Freon TF	187.38	10.5		0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	10.6		0.20	0.086
67-64-1	Acetone	58.08	8.59		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	8.05		5.0	0.076
75-15-0	Carbon disulfide	76.14	9.35		0.50	0.020
107-05-1	3-Chloropropene	76.53	8.85	M	0.50	0.047
75-09-2	Methylene Chloride	84.93	9.00		0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	8.71		5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	8.81		0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	8.98		0.20	0.023
110-54-3	n-Hexane	86.17	8.56		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	8.98		0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	8.37		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	9.96		0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	18.9		0.20	0.023
67-66-3	Chloroform	119.38	9.60		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	8.89		5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	10.3		0.20	0.020
110-82-7	Cyclohexane	84.16	9.65		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	10.6		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	9.14		0.20	0.015
71-43-2	Benzene	78.11	9.29		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	9.85		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53730/3

Matrix: Air Lab File ID: clmb003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 10:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
142-82-5	n-Heptane	100.21	8.92		0.20	0.017
79-01-6	Trichloroethene	131.39	9.85		0.20	0.0092
80-62-6	Methyl methacrylate	100.12	9.05		0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	8.82		0.20	0.023
123-91-1	1,4-Dioxane	88.11	8.35		5.0	0.070
75-27-4	Bromodichloromethane	163.83	10.4		0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	9.19		0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	8.76		0.50	0.034
108-88-3	Toluene	92.14	10.0		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	9.29		0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	9.52		0.20	0.016
127-18-4	Tetrachloroethene	165.83	11.6		0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.78		0.50	0.040
124-48-1	Dibromochloromethane	208.29	11.9		0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	10.6		0.20	0.014
108-90-7	Chlorobenzene	112.30	10.5		0.20	0.013
100-41-4	Ethylbenzene	106.17	9.92		0.20	0.015
179601-23-1	m,p-Xylene	106.17	20.2		0.50	0.022
95-47-6	Xylene, o-	106.17	9.97		0.20	0.016
1330-20-7	Xylene (total)	106.17	30.2		0.20	0.016
100-42-5	Styrene	104.15	10.5		0.20	0.011
75-25-2	Bromoform	252.75	12.1		0.20	0.0072
98-82-8	Cumene	120.19	10.4		0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.37		0.20	0.011
103-65-1	n-Propylbenzene	120.19	10.3		0.20	0.013
622-96-8	4-Ethyltoluene	120.20	10.7		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	10.3		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	10.5		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	10.5		0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	10.0		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	10.4		0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	10.6		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	10.4		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	10.2		0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-53730/3

Matrix: Air Lab File ID: clmb003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2013 10:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
100-44-7	Benzyl chloride	126.58	10.5		0.20	0.022
104-51-8	n-Butylbenzene	134.22	10.0		0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	10.1		0.20	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	7.83		0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	10.1		0.20	0.029
91-20-3	Naphthalene	128.17	7.33		0.50	0.038

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clmbto15.b/clmb003.d
Lab Smp Id: lcs 476347
Inj Date : 01-APR-2013 10:37
Operator : wrd Inst ID: C.i
Smp Info : lcs 476347
Misc Info : 200,1,lcs
Comment :
Method : /chem/C.i/Csvr.p/clmbto15.b/to15v5.m
Meth Date : 02-Apr-2013 09:49 wrd Quant Type: ISTD
Cal Date : 29-MAR-2013 11:31 Cal File: clm004.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	3.629	3.624	(0.328)	117552	8.74313	8.7
2 Dichlorodifluoromethane	85	3.709	3.704	(0.335)	854692	10.3360	10
3 Chlorodifluoromethane	51	3.757	3.752	(0.339)	333293	9.03117	9.0
4 1,2-Dichloro-1,1,2,2-tetraflu	85	4.008	4.003	(0.362)	685766	10.0236	10
5 Chloromethane	50	4.147	4.136	(0.374)	130307	8.39839	8.4
6 Butane	43	4.382	4.376	(0.396)	204921	8.43286	8.4
7 Vinyl chloride	62	4.419	4.408	(0.399)	170867	8.78932	8.8
8 1,3-Butadiene	54	4.504	4.499	(0.407)	127280	9.71538	9.7
9 Bromomethane	94	5.214	5.209	(0.471)	170889	9.74536	9.7(Q)
10 Chloroethane	64	5.460	5.460	(0.493)	76519	9.42787	9.4(Q)
11 2-Methylbutane	43	5.577	5.577	(0.504)	133745	8.69610	8.7
12 Vinyl bromide	106	5.871	5.865	(0.530)	194849	9.96042	10
13 Trichlorofluoromethane	101	6.004	5.999	(0.542)	761362	10.2837	10
14 Pentane	43	6.164	6.159	(0.557)	212243	7.85231	7.9

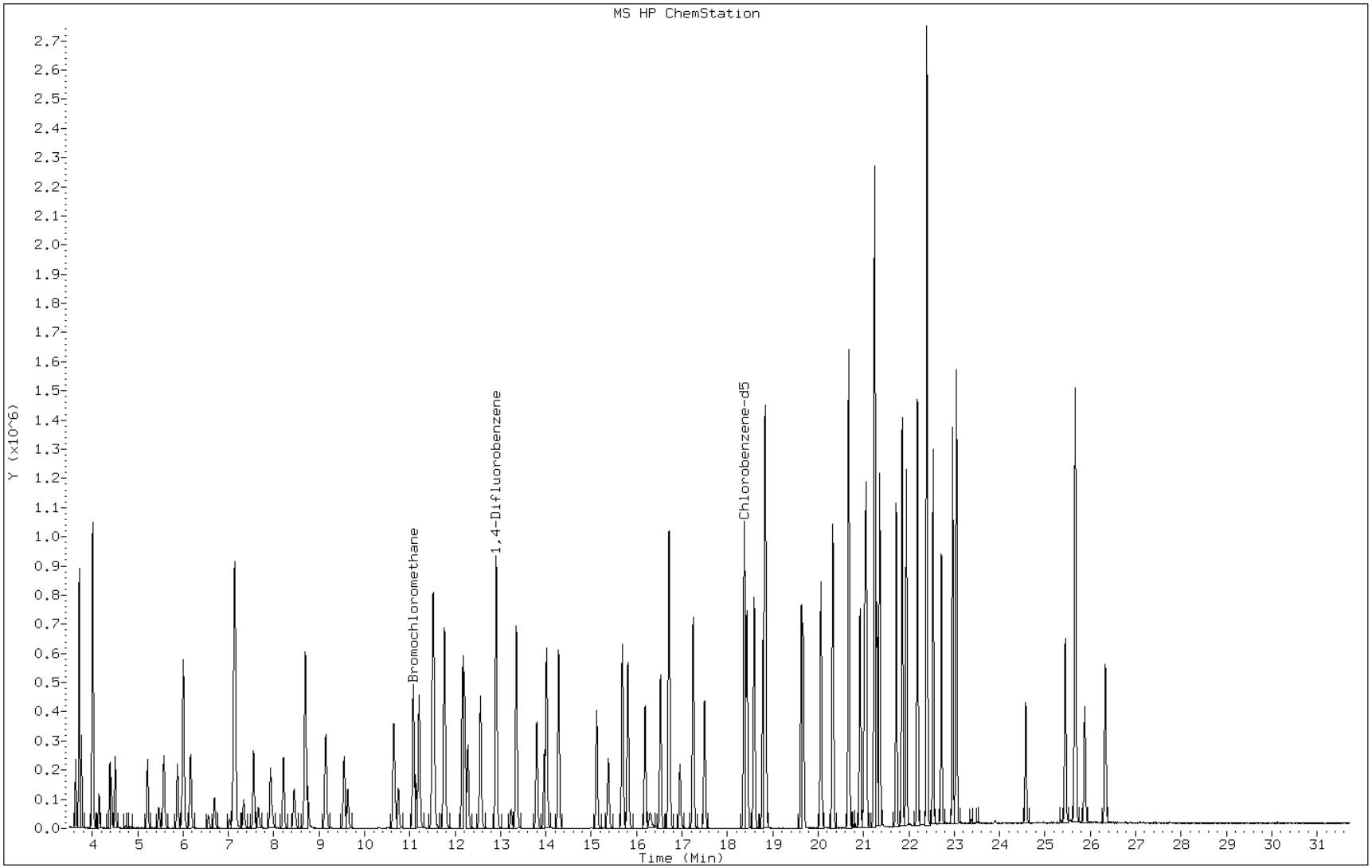
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	6.554	6.548	(0.592)	65417	13.3151	13
	16 Ethyl ether	59	6.693	6.687	(0.604)	90588	8.00418	8.0(Q)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.130	7.125	(0.644)	452653	10.5495	11
	18 Acrolein	56	7.023	7.013	(0.634)	37151	7.35416	7.4
	19 1,1-Dichloroethene	96	7.146	7.141	(0.645)	197824	10.5784	11(Q)
	20 Acetone	43	7.338	7.333	(0.663)	165126	8.58712	8.6(Q)
	21 Carbon disulfide	76	7.552	7.546	(0.682)	506901	9.34768	9.3
	22 Isopropanol	45	7.659	7.658	(0.692)	122421	8.04896	8.0
	23 Allyl chloride	41	7.931	7.925	(0.716)	158865	8.85395	8.9(M)
	24 Acetonitrile	41	7.957	7.957	(0.719)	71243	7.76113	7.8(QM)
	25 Methylene chloride	49	8.214	8.208	(0.742)	167949	8.99959	9.0(Q)
	26 Tert-butyl alcohol	59	8.454	8.448	(0.763)	248493	8.71054	8.7(Q)
	27 Methyl tert-butyl ether	73	8.683	8.683	(0.784)	480865	8.80846	8.8
	28 1,2-Dichloroethene (trans)	61	8.694	8.688	(0.785)	257185	8.97928	9.0
	29 Acrylonitrile	53	8.758	8.753	(0.791)	84719	8.49822	8.5
	30 n-Hexane	57	9.142	9.142	(0.826)	233120	8.55901	8.6
	31 1,1-Dichloroethane	63	9.553	9.548	(0.863)	317030	8.98104	9.0(Q)
	32 Vinyl acetate	43	9.633	9.628	(0.870)	253263	8.80586	8.8
M	33 1,2-Dichloroethene,Total	61				471685	18.9346	19
	34 1,2-Dichloroethene (cis)	96	10.642	10.636	(0.961)	214500	9.95533	10
	35 Ethyl acetate	88	10.749	10.743	(0.971)	12891	9.49515	9.5
	36 Methyl Ethyl Ketone	72	10.669	10.668	(0.963)	67277	8.36810	8.4
*	37 Bromochloromethane	128	11.074	11.069	(1.000)	210663	10.0000	
	38 Tetrahydrofuran	42	11.133	11.127	(0.863)	101011	8.88694	8.9
	39 Chloroform	83	11.202	11.202	(1.012)	502909	9.59768	9.6(Q)
	40 Cyclohexane	84	11.522	11.522	(0.893)	274955	9.64869	9.6
	41 1,1,1-Trichloroethane	97	11.501	11.501	(0.891)	639990	10.3110	10
	42 Carbon tetrachloride	117	11.763	11.763	(0.911)	694110	10.6003	11
	43 2,2,4-Trimethylpentane	57	12.200	12.195	(0.945)	751225	9.13912	9.1
	44 Benzene	78	12.158	12.152	(0.942)	580739	9.28649	9.3
	45 1,2-Dichloroethane	62	12.280	12.280	(0.952)	351707	9.84645	9.8
	46 n-Heptane	43	12.552	12.552	(0.973)	228216	8.92262	8.9
*	47 1,4-Difluorobenzene	114	12.905	12.905	(1.000)	1123967	10.0000	
	48 n-Butanol	56	13.230	13.225	(1.025)	55292	8.12601	8.1
	49 Trichloroethene	95	13.348	13.342	(1.034)	328653	9.84749	9.8
	50 1,2-Dichloropropane	63	13.796	13.796	(1.069)	167966	8.81993	8.8
	51 Methyl methacrylate	69	13.961	13.961	(1.082)	139663	9.05047	9.1(Q)
	52 Dibromomethane	174	14.015	14.015	(1.086)	325884	10.8278	11
	53 1,4-Dioxane	88	14.009	14.004	(1.086)	67408	8.35479	8.4
	54 Bromodichloromethane	83	14.276	14.276	(1.106)	581947	10.4165	10
	55 1,3-Dichloropropene (cis)	75	15.120	15.119	(1.172)	325372	9.18823	9.2
	56 Methyl isobutyl ketone	43	15.376	15.370	(1.191)	200720	8.75520	8.8
	57 n-Octane	43	15.808	15.808	(1.225)	294772	8.88909	8.9
	58 Toluene	92	15.685	15.685	(0.854)	431228	10.0414	10
	59 1,3-Dichloropropene (trans)	75	16.187	16.182	(1.254)	345202	9.29467	9.3
	60 1,1,2-Trichloroethane	83	16.523	16.523	(0.899)	186305	9.51566	9.5
	61 Tetrachloroethene	166	16.715	16.710	(0.910)	500909	11.5758	12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	16.955	16.955	(0.923)	191968	9.78287	9.8
	63 Dibromochloromethane	129	17.244	17.244	(0.938)	595895	11.8517	12
	64 1,2-Dibromoethane	107	17.500	17.500	(0.952)	437419	10.5616	11
*	65 Chlorobenzene-d5	117	18.375	18.375	(1.000)	952755	10.0000	
	66 Chlorobenzene	112	18.428	18.428	(1.003)	630911	10.4533	10
	67 n-Nonane	57	18.781	18.781	(1.022)	309879	9.56626	9.6
	68 Ethylbenzene	91	18.594	18.594	(1.012)	915917	9.91750	9.9
	69 Xylene (m,p)	106	18.834	18.834	(1.025)	698575	20.2017	20
M	70 Xylenes, Total	106				1037982	30.1745	30
	71 Xylene (o)	106	19.629	19.629	(1.068)	339407	9.97281	10
	72 Styrene	104	19.672	19.672	(1.071)	512684	10.4768	10
	73 Bromoform	173	20.061	20.061	(1.092)	589469	12.0694	12
	74 Isopropylbenzene	105	20.328	20.328	(1.106)	1072881	10.3694	10(Q)
	75 1,1,2,2-Tetrachloroethane	83	20.926	20.926	(1.139)	420367	9.37173	9.4(Q)
	76 n-Propylbenzene	91	21.054	21.054	(1.146)	1214156	10.3238	10(Q)
	77 1,2,3-Trichloropropane	75	21.022	21.022	(1.144)	373197	9.94818	9.9
	78 n-Decane	57	21.294	21.294	(1.159)	329508	9.32930	9.3
	79 4-Ethyltoluene	105	21.252	21.246	(1.157)	1080676	10.7479	11
	80 2-Chlorotoluene	91	21.241	21.241	(1.156)	964107	10.4906	10
	81 1,3,5-Trimethylbenzene	105	21.358	21.358	(1.162)	924135	10.2833	10(Q)
	82 Alpha Methyl Styrene	118	21.721	21.721	(1.182)	427839	10.9606	11
	83 tert-butylbenzene	119	21.855	21.855	(1.189)	916959	10.5120	11(Q)
	84 1,2,4-Trimethylbenzene	105	21.951	21.945	(1.195)	876537	9.99678	10(Q)
	85 sec-Butylbenzene	105	22.186	22.186	(1.207)	1268498	10.4205	10(Q)
	86 4-Isopropyltoluene	119	22.394	22.394	(1.219)	1116750	10.6280	11(Q)
	87 1,3-Dichlorobenzene	146	22.404	22.399	(1.219)	642015	10.3685	10(Q)
	88 1,4-Dichlorobenzene	146	22.538	22.538	(1.227)	637087	10.2294	10(Q)
	89 Benzyl chloride	91	22.714	22.714	(1.236)	774057	10.4541	10
	90 Undecane	57	23.039	23.039	(1.254)	213545	7.97221	8.0
	91 n-Butylbenzene	91	22.965	22.965	(1.250)	874735	10.0061	10(Q)
	92 1,2-Dichlorobenzene	146	23.055	23.055	(1.255)	600040	10.0525	10(Q)
	93 Dodecane	57	24.577	24.571	(1.337)	172494	8.75009	8.8
	94 1,2,4-Trichlorobenzene	180	25.452	25.452	(1.385)	308046	7.82714	7.8
	95 1,3-Hexachlorobutadiene	225	25.671	25.665	(1.397)	504903	10.1368	10
	96 Naphthalene	128	25.879	25.879	(1.408)	506995	7.33495	7.3
	97 1,2,3-Trichlorobenzene	180	26.332	26.327	(1.433)	290236	8.42512	8.4(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	clmb003.d	Date:	01-APR-2013 10:37
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 476347		
Lab Sample ID:	lcs 476347		



Manual Integration Report

Data File: clmb003.d
Lab Sample ID: lcs 476347
Inj. Date and Time: 01-APR-2013 10:37
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 04/02/2013

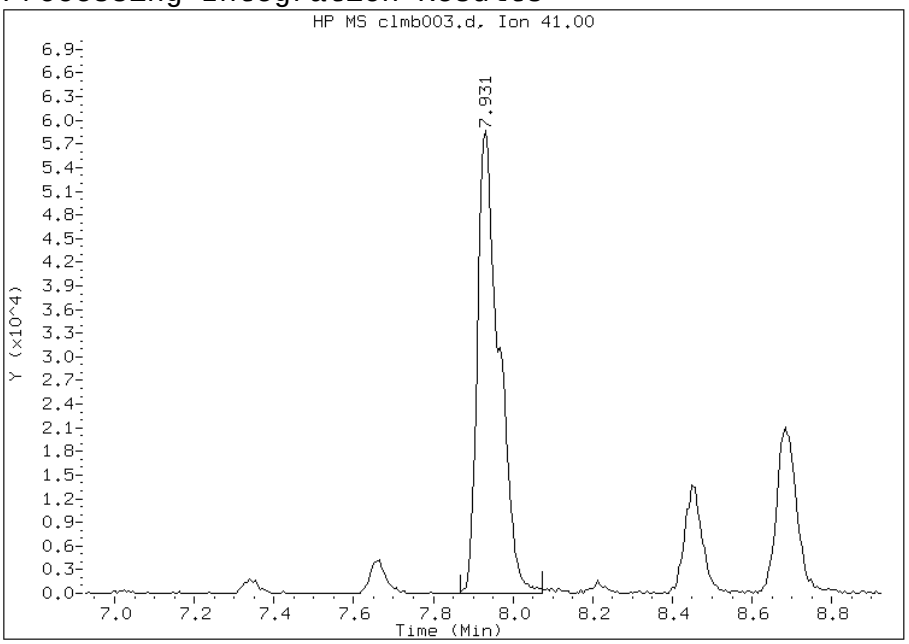
Processing Integration Results

RT: 7.93

Response: 220921

Amount: 12.31

Conc: 12.31



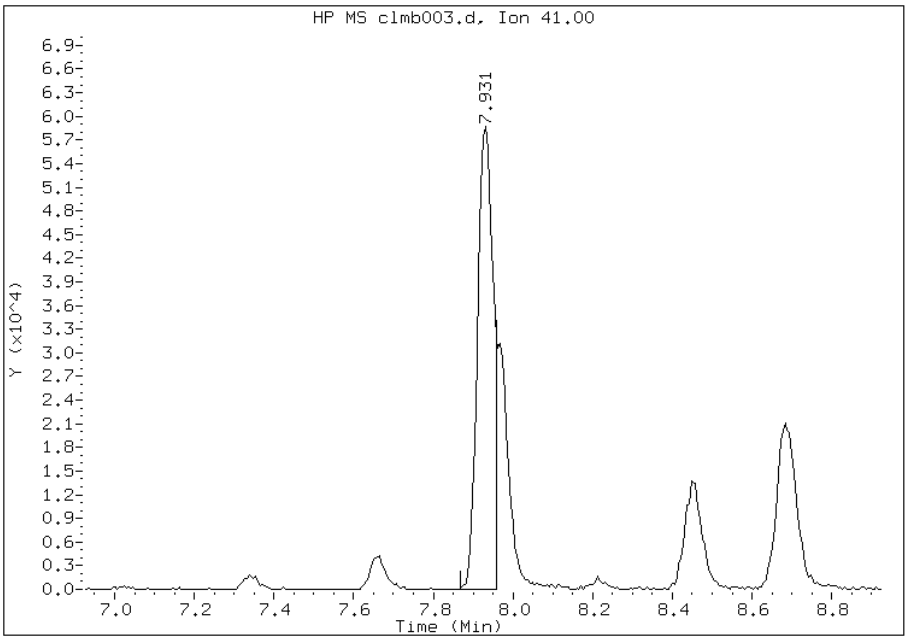
Manual Integration Results

RT: 7.93

Response: 158865

Amount: 8.85

Conc: 8.85



File Uploaded By: wrd
Manual Integration Reason: Baseline event

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Start Date: 03/29/2013 08:48

Analysis Batch Number: 53637 End Date: 03/30/2013 07:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-53637/1		03/29/2013 08:48	1	c1m001.d	RTX-624 0.32(mm)
VIBLK 200-53637/2		03/29/2013 09:44	1		RTX-624 0.32(mm)
IC 200-53637/3		03/29/2013 10:37	1	c1m003.d	RTX-624 0.32(mm)
IC 200-53637/4		03/29/2013 11:31	1	c1m004.d	RTX-624 0.32(mm)
IC 200-53637/5		03/29/2013 12:23	1	c1m005.d	RTX-624 0.32(mm)
IC 200-53637/6		03/29/2013 13:16	1	c1m006.d	RTX-624 0.32(mm)
ICIS 200-53637/7		03/29/2013 14:09	1	c1m007.d	RTX-624 0.32(mm)
IC 200-53637/8		03/29/2013 15:01	1	c1m008.d	RTX-624 0.32(mm)
IC 200-53637/9		03/29/2013 15:54	1	c1m009.d	RTX-624 0.32(mm)
IC 200-53637/10		03/29/2013 16:47	1	c1m010.d	RTX-624 0.32(mm)
VIBLK 200-53637/11		03/29/2013 17:40	1		RTX-624 0.32(mm)
VIBLK 200-53637/12		03/29/2013 18:33	1		RTX-624 0.32(mm)
ICV 200-53637/13		03/29/2013 19:26	1	c1m013.d	RTX-624 0.32(mm)
ZZZZZ		03/29/2013 20:19	1		RTX-624 0.32(mm)
ZZZZZ		03/29/2013 21:12	1		RTX-624 0.32(mm)
ZZZZZ		03/29/2013 22:03	1.73		RTX-624 0.32(mm)
ZZZZZ		03/29/2013 22:56	1.81		RTX-624 0.32(mm)
ZZZZZ		03/29/2013 23:49	1.81		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 00:41	1.51		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 01:34	1.34		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 02:27	1.56		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 03:20	1.53		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 04:13	1.58		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 05:06	1.8		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 05:59	4.89		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 06:52	1.72		RTX-624 0.32(mm)
ZZZZZ		03/30/2013 07:44	1.69		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Start Date: 04/01/2013 08:51

Analysis Batch Number: 53730 End Date: 04/02/2013 08:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-53730/1		04/01/2013 08:51	1	c1mb001.d	RTX-624 0.32(mm)
CCVIS 200-53730/2		04/01/2013 09:44	1	c1mb002.d	RTX-624 0.32(mm)
LCS 200-53730/3		04/01/2013 10:37	1	c1mb003.d	RTX-624 0.32(mm)
MB 200-53730/4		04/01/2013 11:30	1	c1mb004.d	RTX-624 0.32(mm)
280-39902-1	786VMP0102HA	04/01/2013 12:23	1	c1mb005.d	RTX-624 0.32(mm)
280-39902-3	786VMP0302HA	04/01/2013 13:16	1	c1mb006.d	RTX-624 0.32(mm)
280-39902-4	785IA09	04/01/2013 14:09	1	c1mb007.d	RTX-624 0.32(mm)
280-39902-5	786IA08	04/01/2013 15:02	1	c1mb008.d	RTX-624 0.32(mm)
280-39902-6	785786OA05	04/01/2013 15:55	1	c1mb009.d	RTX-624 0.32(mm)
280-39902-10	786VMP0102HC	04/01/2013 16:47	1	c1mb010.d	RTX-624 0.32(mm)
ZZZZZ		04/01/2013 17:40	1.5		RTX-624 0.32(mm)
280-39902-2	786VMP0202HA	04/01/2013 18:33	1	c1mb012.d	RTX-624 0.32(mm)
280-39902-7	785VMP0202IA	04/01/2013 19:26	1	c1mb013.d	RTX-624 0.32(mm)
280-39902-8	785VMP0401HA	04/01/2013 20:18	1	c1mb014.d	RTX-624 0.32(mm)
280-39902-9	785VMP0501FA	04/01/2013 21:11	1	c1mb015.d	RTX-624 0.32(mm)
280-39902-2 DL	786VMP0202HA DL	04/01/2013 22:04	2.5	c1mb016.d	RTX-624 0.32(mm)
280-39902-7 DL	785VMP0202IA DL	04/01/2013 22:57	10	c1mb017.d	RTX-624 0.32(mm)
280-39902-8 DL	785VMP0401HA DL	04/01/2013 23:50	4	c1mb018.d	RTX-624 0.32(mm)
280-39902-9 DL	785VMP0501FA DL	04/02/2013 00:43	4	c1mb019.d	RTX-624 0.32(mm)
ZZZZZ		04/02/2013 01:35	1		RTX-624 0.32(mm)
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ZZZZZ		04/02/2013 03:21	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2013 04:14	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2013 05:06	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2013 05:59	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2013 06:52	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2013 07:45	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2013 08:38	1		RTX-624 0.32(mm)

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test						
System ID	# Cycles	Cleaning Date	Technician	Canister Size		
TO15	25	2/9/13	C	(6L)	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4082	-29.5	-29.1	-29.1	0.0
2	3515				
3	3759				
4	4317				
5	4434				
6	2556				
7	5142				
8	4914				
9	4467				
10	3310				
11	4567				
12	4551				

Initial Reading		Final Reading	
Gauge ID:	64	Gauge ID:	64
Date:	2/11/13	Date:	2/12/13
Time:	1430	Time:	1030
Tech:	MEA	Tech:	C
BP:	24.6 ("Hg)	BP:	29.2 ("Hg)
Temp	21 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
3515	2/11/13	GG-2N	MTP		✓				2/12/13	MTP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

BR-FAI023.10.19.09.7
TestAmerica

200-15031-A-2
3515
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/9/2013 12:00 AM 200-459813

Loc: 200
15031
#2
A

04/09/2013

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
TOP	10	2/12/13	SML	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3258	-29.3	-29.3	-29.3	0.0
2	2612				
3	4468				
4	5069				
5	3833				
6	2884				
7	3233				
8	4344				
9	3411				
10	2959				
11	2509				
12	3230	✓	✓	✓	✓

Initial Reading		Final Reading	
Gauge ID:	G4	Gauge ID:	G4
Date:	2/13/13	Date:	2/13/13
Time:	1000	Time:	1600
Tech:	C	Tech:	C
BP:	29.4 ("Hg)	BP:	29.4 ("Hg)
Temp	21 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
3230	2/13/13	GG2P	MTP		✓				2/13/13	MTP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
Bottom	10	1350	NEA	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4571	-29.5	-29.6	-29.6	0.0
2	4360				
3	3369				
4	2859				
5	4348				
6	5075				
7	3389				
8	3708				
9	4473				
10	4072				
11	3333				
12	3348	✓	✓	✓	✓

Initial Reading		Final Reading	
Gauge ID: 6886	BT 2/15/13	Gauge ID:	G8
Date:	2/15/13	Date:	2/18/13
Time:	2015	Time:	1600
Tech:	DE	Tech:	✓
BP:	29.6 ("Hg)	BP:	29.7 ("Hg)
Temp	22.5 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
5075	02/18/13	GGZS	MTP					X	02/19/13	JPO

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv. * OK So# 7020 per DCD.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

200-15118-A-6
5075

Bottle: Summa Canister 6L
Sampled: 2/15/2013 12:00 AM 200-461926

Loc: 200
15118
#6
A

BR-FA1023:10.19.09:7
TestAmerica

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		
OVEN	100	2/15/13	NEA	(6L)	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4814	-29.6	-29.6	-29.60	0.0
2	4794				
3	4283				
4	4357				
5	4824				
6	5143				
7	3267				
8	2741				
9	2639				
10	2726				
11	4008				
12	4574	″	″	″	″

Initial Reading		Final Reading	
Gauge ID:	C4	Gauge ID:	C8
Date:	2/18/13	Date:	2/18/13
Time:	0900	Time:	1440
Tech:	″	Tech:	″
BP:	29.7 ("Hg)	BP:	29.7 ("Hg)
Temp	21 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:

(1) The difference must be less than or equal to + 0.5

(2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister:

PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
2639	2/18/13	CLRO	WMD		✓			✓	02/19/13	JPD

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: CCVIS Lows ok by DCD

200-15120-A-9
2639
Location Air-Storage
Bottle Summa Canister 6L
Supplied 2/15/2013 12:00 AM 200-461993

Loc: 200
15120
#9
A

BR-FAI023:10.19.09.7
TestAmerica

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test								
System ID		# Cycles		Cleaning Date		Technician	Canister Size	
OVEN		15		3/1/13		SML	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3391	-29.4	-29.4	-29.4	0.0
2	2720				
3	3145				
4	2611				
5	3473				
6	2730				
7	3001				
8	3554				
9	3659				
10	3293				
11	4301				
12	2851	↓	↓	↓	↓

Initial Reading		Final Reading	
Gauge ID:	68	Gauge ID:	68
Date:	3/4/13	Date:	3/11/13
Time:	0820	Time:	1550
Tech:	NEA	Tech:	↓
BP:	29.4 ("Hg)	BP:	29.4 ("Hg)
Temp	21 (°C)	Temp:	21 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
2851	3/4/13	GHAE	BL		✓				3/8/13	MTP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

BR-FAI023:10.19.09.7
TestAmerica

200-15297-A-12
2851
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/1/2013 12:00 AM 200-465395

Loc: 200
15297
#12
A

04/09/2013

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

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzn003.d

Lab ID: LCS 200-51776/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	12.2	122	70-130	
Dichlorodifluoromethane	10.0	12.9	129	70-130	
Freon 22	10.0	12.5	125	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.0	120	70-130	
n-Butane	10.0	11.7	117	70-130	
Vinyl chloride	10.0	11.9	119	70-130	
1,3-Butadiene	10.0	12.2	122	70-130	
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	11.8	118	70-130	
Bromoethene(Vinyl Bromide)	10.0	12.3	123	70-130	
Trichlorofluoromethane	10.0	12.4	124	70-130	
Ethanol	15.0	15.9	106	70-130	
Freon TF	10.0	13.3	133	70-130	*
1,1-Dichloroethene	10.0	13.1	131	70-130	*
Acetone	10.0	11.1	111	70-130	
Isopropyl alcohol	10.0	11.5	115	70-130	
Carbon disulfide	10.0	12.0	120	70-130	
3-Chloropropene	10.0	12.5	125	70-130	
Methylene Chloride	10.0	12.4	124	70-130	
tert-Butyl alcohol	10.0	11.4	114	70-130	
Methyl tert-butyl ether	10.0	11.9	119	70-130	
trans-1,2-Dichloroethene	10.0	11.8	118	70-130	
n-Hexane	10.0	11.5	115	70-130	
1,1-Dichloroethane	10.0	11.7	117	70-130	
Vinyl acetate	10.0	11.0	110	70-130	
Ethyl acetate	10.0	10.4	104	70-130	
Methyl Ethyl Ketone	10.0	10.4	104	70-130	
cis-1,2-Dichloroethene	10.0	11.0	110	70-130	
Chloroform	10.0	11.0	110	70-130	
Tetrahydrofuran	10.0	10.3	103	70-130	
1,1,1-Trichloroethane	10.0	11.0	110	70-130	
Cyclohexane	10.0	10.2	102	70-130	
Carbon tetrachloride	10.0	10.9	109	70-130	
2,2,4-Trimethylpentane	10.0	10.8	108	70-130	
Benzene	10.0	10.4	104	70-130	
1,2-Dichloroethane	10.0	10.9	110	70-130	
n-Heptane	10.0	10.6	106	70-130	
Trichloroethene	10.0	10.5	105	70-130	
Methyl methacrylate	10.0	10.5	105	70-130	
1,2-Dichloropropane	10.0	10.2	102	70-130	
1,4-Dioxane	10.0	10.9	109	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzn003.d

Lab ID: LCS 200-51776/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.0	110	70-130	
cis-1,3-Dichloropropene	10.0	10.2	102	70-130	
methyl isobutyl ketone	10.0	10.8	108	70-130	
Toluene	10.0	9.80	98	70-130	
trans-1,3-Dichloropropene	10.0	10.6	106	70-130	
1,1,2-Trichloroethane	10.0	9.40	94	70-130	
Tetrachloroethene	10.0	9.77	98	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.94	99	70-130	
Dibromochloromethane	10.0	10.9	109	70-130	
1,2-Dibromoethane	10.0	9.78	98	70-130	
Chlorobenzene	10.0	9.72	97	70-130	
Ethylbenzene	10.0	10.3	103	70-130	
m,p-Xylene	20.0	20.8	104	70-130	
Xylene, o-	10.0	10.4	104	70-130	
Styrene	10.0	10.4	104	70-130	
Bromoform	10.0	11.4	114	70-130	
Cumene	10.0	10.9	109	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	70-130	
n-Propylbenzene	10.0	11.0	110	70-130	
4-Ethyltoluene	10.0	11.6	116	70-130	
1,3,5-Trimethylbenzene	10.0	10.8	108	70-130	
2-Chlorotoluene	10.0	11.0	110	70-130	
tert-Butylbenzene	10.0	11.0	110	70-130	
1,2,4-Trimethylbenzene	10.0	10.9	109	70-130	
sec-Butylbenzene	10.0	11.2	112	70-130	
4-Isopropyltoluene	10.0	11.8	118	70-130	
1,3-Dichlorobenzene	10.0	11.1	111	70-130	
1,4-Dichlorobenzene	10.0	10.6	106	70-130	
Benzyl chloride	10.0	11.6	116	70-130	
n-Butylbenzene	10.0	11.6	116	70-130	
1,2-Dichlorobenzene	10.0	10.8	108	70-130	
1,2,4-Trichlorobenzene	10.0	9.69	97	70-130	
Hexachlorobutadiene	10.0	10.1	101	70-130	
Naphthalene	10.0	10.3	103	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzp003.d

Lab ID: LCS 200-51845/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	12.2	122	70-130	
Dichlorodifluoromethane	10.0	12.8	128	70-130	
Freon 22	10.0	12.4	124	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.5	125	70-130	
Chloromethane	10.0	11.8	118	70-130	
n-Butane	10.0	11.8	118	70-130	
Vinyl chloride	10.0	11.7	117	70-130	
1,3-Butadiene	10.0	12.0	120	70-130	
Bromomethane	10.0	11.9	119	70-130	
Chloroethane	10.0	11.9	119	70-130	
Bromoethene(Vinyl Bromide)	10.0	12.1	121	70-130	
Trichlorofluoromethane	10.0	12.1	121	70-130	
Ethanol	15.0	15.8	106	70-130	
Freon TF	10.0	12.9	129	70-130	
1,1-Dichloroethene	10.0	12.7	127	70-130	
Acetone	10.0	10.6	106	70-130	
Isopropyl alcohol	10.0	11.3	113	70-130	
Carbon disulfide	10.0	11.6	116	70-130	
3-Chloropropene	10.0	11.2	112	70-130	
Methylene Chloride	10.0	12.4	124	70-130	
tert-Butyl alcohol	10.0	10.9	109	70-130	
Methyl tert-butyl ether	10.0	11.0	110	70-130	
trans-1,2-Dichloroethene	10.0	11.6	116	70-130	
n-Hexane	10.0	11.5	115	70-130	
1,1-Dichloroethane	10.0	11.5	115	70-130	
Vinyl acetate	10.0	10.4	104	70-130	
Ethyl acetate	10.0	9.71	97	70-130	
Methyl Ethyl Ketone	10.0	9.66	97	70-130	
cis-1,2-Dichloroethene	10.0	10.5	105	70-130	
Chloroform	10.0	10.7	107	70-130	
Tetrahydrofuran	10.0	9.55	96	70-130	
1,1,1-Trichloroethane	10.0	10.6	106	70-130	
Cyclohexane	10.0	9.72	97	70-130	
Carbon tetrachloride	10.0	10.4	104	70-130	
2,2,4-Trimethylpentane	10.0	10.3	103	70-130	
Benzene	10.0	9.86	99	70-130	
1,2-Dichloroethane	10.0	10.9	109	70-130	
n-Heptane	10.0	10.2	102	70-130	
Trichloroethene	10.0	10.2	102	70-130	
Methyl methacrylate	10.0	9.52	95	70-130	
1,2-Dichloropropane	10.0	9.58	96	70-130	
1,4-Dioxane	10.0	10.3	103	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzp003.d

Lab ID: LCS 200-51845/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.8	108	70-130	
cis-1,3-Dichloropropene	10.0	9.90	99	70-130	
methyl isobutyl ketone	10.0	10.1	101	70-130	
Toluene	10.0	9.23	92	70-130	
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	8.96	90	70-130	
Tetrachloroethene	10.0	9.64	96	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.0	100	70-130	
Dibromochloromethane	10.0	10.5	105	70-130	
1,2-Dibromoethane	10.0	9.63	96	70-130	
Chlorobenzene	10.0	9.28	93	70-130	
Ethylbenzene	10.0	9.52	95	70-130	
m,p-Xylene	20.0	19.0	95	70-130	
Xylene, o-	10.0	9.41	94	70-130	
Styrene	10.0	9.72	97	70-130	
Bromoform	10.0	10.6	106	70-130	
Cumene	10.0	9.79	98	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.41	94	70-130	
n-Propylbenzene	10.0	10.3	103	70-130	
4-Ethyltoluene	10.0	10.8	108	70-130	
1,3,5-Trimethylbenzene	10.0	9.98	100	70-130	
2-Chlorotoluene	10.0	10.3	103	70-130	
tert-Butylbenzene	10.0	10.0	100	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
sec-Butylbenzene	10.0	10.2	102	70-130	
4-Isopropyltoluene	10.0	10.8	109	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.2	102	70-130	
Benzyl chloride	10.0	11.7	117	70-130	
n-Butylbenzene	10.0	11.1	111	70-130	
1,2-Dichlorobenzene	10.0	10.1	101	70-130	
1,2,4-Trichlorobenzene	10.0	11.0	111	70-130	
Hexachlorobutadiene	10.0	10.2	102	70-130	
Naphthalene	10.0	12.4	124	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzs005.d

Lab ID: LCS 200-52056/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	9.76	98	70-130	
Dichlorodifluoromethane	10.0	10.3	103	70-130	
Freon 22	10.0	10.1	101	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.1	101	70-130	
Chloromethane	10.0	9.63	96	70-130	
n-Butane	10.0	9.55	96	70-130	
Vinyl chloride	10.0	9.33	93	70-130	
1,3-Butadiene	10.0	9.56	96	70-130	
Bromomethane	10.0	9.48	95	70-130	
Chloroethane	10.0	9.48	95	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.69	97	70-130	
Trichlorofluoromethane	10.0	9.67	97	70-130	
Ethanol	15.0	13.0	87	70-130	
Freon TF	10.0	10.2	102	70-130	
1,1-Dichloroethene	10.0	10.1	101	70-130	
Acetone	10.0	10.9	109	70-130	
Isopropyl alcohol	10.0	8.82	88	70-130	
Carbon disulfide	10.0	9.15	92	70-130	
3-Chloropropene	10.0	8.64	86	70-130	
Methylene Chloride	10.0	10.3	103	70-130	
tert-Butyl alcohol	10.0	8.51	85	70-130	
Methyl tert-butyl ether	10.0	8.66	87	70-130	
trans-1,2-Dichloroethene	10.0	9.12	91	70-130	
n-Hexane	10.0	9.01	90	70-130	
1,1-Dichloroethane	10.0	9.22	92	70-130	
Vinyl acetate	10.0	8.29	83	70-130	
Ethyl acetate	10.0	7.27	73	70-130	
Methyl Ethyl Ketone	10.0	7.39	74	70-130	
cis-1,2-Dichloroethene	10.0	8.53	85	70-130	
Chloroform	10.0	8.93	89	70-130	
Tetrahydrofuran	10.0	6.98	70	70-130	
1,1,1-Trichloroethane	10.0	7.94	79	70-130	
Cyclohexane	10.0	7.31	73	70-130	
Carbon tetrachloride	10.0	7.79	78	70-130	
2,2,4-Trimethylpentane	10.0	7.78	78	70-130	
Benzene	10.0	7.94	79	70-130	
1,2-Dichloroethane	10.0	9.02	90	70-130	
n-Heptane	10.0	8.12	81	70-130	
Trichloroethene	10.0	8.36	84	70-130	
Methyl methacrylate	10.0	7.08	71	70-130	
1,2-Dichloropropane	10.0	8.01	80	70-130	
1,4-Dioxane	10.0	7.76	78	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggzs005.d

Lab ID: LCS 200-52056/5 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.14	91	70-130	
cis-1,3-Dichloropropene	10.0	8.41	84	70-130	
methyl isobutyl ketone	10.0	7.18	72	70-130	
Toluene	10.0	7.64	76	70-130	
trans-1,3-Dichloropropene	10.0	8.18	82	70-130	
1,1,2-Trichloroethane	10.0	7.24	72	70-130	
Tetrachloroethene	10.0	8.04	80	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	6.76	68	70-130	*
Dibromochloromethane	10.0	8.63	86	70-130	
1,2-Dibromoethane	10.0	8.21	82	70-130	
Chlorobenzene	10.0	7.71	77	70-130	
Ethylbenzene	10.0	7.35	74	70-130	
m,p-Xylene	20.0	14.9	75	70-130	
Xylene, o-	10.0	7.22	72	70-130	
Styrene	10.0	7.42	74	70-130	
Bromoform	10.0	8.29	83	70-130	
Cumene	10.0	7.47	75	70-130	
1,1,2,2-Tetrachloroethane	10.0	6.74	67	70-130	*
n-Propylbenzene	10.0	7.47	75	70-130	
4-Ethyltoluene	10.0	8.08	81	70-130	
1,3,5-Trimethylbenzene	10.0	7.48	75	70-130	
2-Chlorotoluene	10.0	7.90	79	70-130	
tert-Butylbenzene	10.0	7.57	76	70-130	
1,2,4-Trimethylbenzene	10.0	7.53	75	70-130	
sec-Butylbenzene	10.0	7.70	77	70-130	
4-Isopropyltoluene	10.0	8.07	81	70-130	
1,3-Dichlorobenzene	10.0	7.90	79	70-130	
1,4-Dichlorobenzene	10.0	7.41	74	70-130	
Benzyl chloride	10.0	7.77	78	70-130	
n-Butylbenzene	10.0	7.72	77	70-130	
1,2-Dichlorobenzene	10.0	7.40	74	70-130	
1,2,4-Trichlorobenzene	10.0	6.93	69	70-130	*
Hexachlorobutadiene	10.0	7.07	71	70-130	
Naphthalene	10.0	7.91	79	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clfo004.d

Lab ID: LCS 200-52061/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.1	111	70-130	
Dichlorodifluoromethane	10.0	12.3	123	70-130	
Freon 22	10.0	12.2	122	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.1	121	70-130	
Chloromethane	10.0	11.8	118	70-130	
n-Butane	10.0	11.8	118	70-130	
Vinyl chloride	10.0	11.7	117	70-130	
1,3-Butadiene	10.0	12.3	123	70-130	
Bromomethane	10.0	11.5	115	70-130	
Chloroethane	10.0	11.8	118	70-130	
Bromoethene(Vinyl Bromide)	10.0	11.1	111	70-130	
Trichlorofluoromethane	10.0	11.2	113	70-130	
Ethanol	15.0	17.0	113	70-130	
Freon TF	10.0	12.2	122	70-130	
1,1-Dichloroethene	10.0	12.2	122	70-130	
Acetone	10.0	11.0	110	70-130	
Isopropyl alcohol	10.0	11.2	112	70-130	
Carbon disulfide	10.0	11.9	119	70-130	
3-Chloropropene	10.0	11.1	111	70-130	
Methylene Chloride	10.0	12.0	120	70-130	
tert-Butyl alcohol	10.0	11.2	112	70-130	
Methyl tert-butyl ether	10.0	10.6	106	70-130	
trans-1,2-Dichloroethene	10.0	11.3	113	70-130	
n-Hexane	10.0	11.3	113	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-130	
Vinyl acetate	10.0	10.9	109	70-130	
Ethyl acetate	10.0	10.4	104	70-130	
Methyl Ethyl Ketone	10.0	10.7	108	70-130	
cis-1,2-Dichloroethene	10.0	11.0	110	70-130	
Chloroform	10.0	11.1	111	70-130	
Tetrahydrofuran	10.0	10.5	105	70-130	
1,1,1-Trichloroethane	10.0	10.7	107	70-130	
Cyclohexane	10.0	10.9	109	70-130	
Carbon tetrachloride	10.0	10.2	102	70-130	
2,2,4-Trimethylpentane	10.0	10.9	109	70-130	
Benzene	10.0	10.8	108	70-130	
1,2-Dichloroethane	10.0	10.5	106	70-130	
n-Heptane	10.0	10.5	105	70-130	
Trichloroethene	10.0	10.0	100	70-130	
Methyl methacrylate	10.0	10.0	100	70-130	
1,2-Dichloropropane	10.0	10.7	107	70-130	
1,4-Dioxane	10.0	10.2	102	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Matrix: Air Level: Low Lab File ID: clfo004.d

Lab ID: LCS 200-52061/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.2	112	70-130	
cis-1,3-Dichloropropene	10.0	10.8	108	70-130	
methyl isobutyl ketone	10.0	10.4	104	70-130	
Toluene	10.0	10.8	108	70-130	
trans-1,3-Dichloropropene	10.0	10.6	106	70-130	
1,1,2-Trichloroethane	10.0	10.6	106	70-130	
Tetrachloroethene	10.0	8.92	89	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.7	107	70-130	
Dibromochloromethane	10.0	11.1	111	70-130	
1,2-Dibromoethane	10.0	10.6	106	70-130	
Chlorobenzene	10.0	10.2	102	70-130	
Ethylbenzene	10.0	10.6	106	70-130	
m,p-Xylene	20.0	21.1	106	70-130	
Xylene, o-	10.0	10.2	102	70-130	
Styrene	10.0	10.5	105	70-130	
Bromoform	10.0	10.0	100	70-130	
Cumene	10.0	10.5	105	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.5	105	70-130	
n-Propylbenzene	10.0	11.2	112	70-130	
4-Ethyltoluene	10.0	11.7	118	70-130	
1,3,5-Trimethylbenzene	10.0	10.5	105	70-130	
2-Chlorotoluene	10.0	12.1	121	70-130	
tert-Butylbenzene	10.0	10.6	106	70-130	
1,2,4-Trimethylbenzene	10.0	10.3	103	70-130	
sec-Butylbenzene	10.0	11.1	111	70-130	
4-Isopropyltoluene	10.0	10.6	106	70-130	
1,3-Dichlorobenzene	10.0	8.75	88	70-130	
1,4-Dichlorobenzene	10.0	8.29	83	70-130	
Benzyl chloride	10.0	9.26	93	70-130	
n-Butylbenzene	10.0	10.4	104	70-130	
1,2-Dichlorobenzene	10.0	8.33	83	70-130	
1,2,4-Trichlorobenzene	10.0	7.18	72	70-130	
Hexachlorobutadiene	10.0	7.69	77	70-130	
Naphthalene	10.0	9.22	92	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ghae03.d

Lab ID: LCS 200-52631/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.15	82	70-130	
Dichlorodifluoromethane	10.0	8.88	89	70-130	
Freon 22	10.0	8.64	86	70-130	
1,2-Dichlorotetrafluoroethane	10.0	8.65	86	70-130	
Chloromethane	10.0	8.31	83	70-130	
n-Butane	10.0	8.61	86	70-130	
Vinyl chloride	10.0	8.04	80	70-130	
1,3-Butadiene	10.0	8.77	88	70-130	
Bromomethane	10.0	8.09	81	70-130	
Chloroethane	10.0	8.49	85	70-130	
Bromoethene(Vinyl Bromide)	10.0	8.52	85	70-130	
Trichlorofluoromethane	10.0	8.73	87	70-130	
Ethanol	15.0	13.2	88	70-130	
Freon TF	10.0	9.29	93	70-130	
1,1-Dichloroethene	10.0	9.31	93	70-130	
Acetone	10.0	7.58	76	70-130	
Isopropyl alcohol	10.0	7.59	76	70-130	
Carbon disulfide	10.0	8.73	87	70-130	
3-Chloropropene	10.0	8.96	90	70-130	
Methylene Chloride	10.0	9.46	95	70-130	
tert-Butyl alcohol	10.0	7.38	74	70-130	
Methyl tert-butyl ether	10.0	7.27	73	70-130	
trans-1,2-Dichloroethene	10.0	8.60	86	70-130	
n-Hexane	10.0	8.91	89	70-130	
1,1-Dichloroethane	10.0	8.68	87	70-130	
Vinyl acetate	10.0	7.20	72	70-130	
Ethyl acetate	10.0	7.47	75	70-130	
Methyl Ethyl Ketone	10.0	7.45	75	70-130	
cis-1,2-Dichloroethene	10.0	8.66	87	70-130	
Chloroform	10.0	8.62	86	70-130	
Tetrahydrofuran	10.0	7.28	73	70-130	
1,1,1-Trichloroethane	10.0	8.65	86	70-130	
Cyclohexane	10.0	8.62	86	70-130	
Carbon tetrachloride	10.0	8.41	84	70-130	
2,2,4-Trimethylpentane	10.0	8.51	85	70-130	
Benzene	10.0	8.37	84	70-130	
1,2-Dichloroethane	10.0	8.49	85	70-130	
n-Heptane	10.0	8.57	86	70-130	
Trichloroethene	10.0	8.51	85	70-130	
Methyl methacrylate	10.0	7.81	78	70-130	
1,2-Dichloropropane	10.0	7.78	78	70-130	
1,4-Dioxane	10.0	7.76	78	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ghae03.d

Lab ID: LCS 200-52631/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.05	91	70-130	
cis-1,3-Dichloropropene	10.0	8.25	82	70-130	
methyl isobutyl ketone	10.0	8.22	82	70-130	
Toluene	10.0	8.06	81	70-130	
trans-1,3-Dichloropropene	10.0	8.36	84	70-130	
1,1,2-Trichloroethane	10.0	7.70	77	70-130	
Tetrachloroethene	10.0	8.61	86	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.12	91	70-130	
Dibromochloromethane	10.0	9.22	92	70-130	
1,2-Dibromoethane	10.0	8.71	87	70-130	
Chlorobenzene	10.0	8.13	81	70-130	
Ethylbenzene	10.0	8.00	80	70-130	
m,p-Xylene	20.0	16.1	80	70-130	
Xylene, o-	10.0	7.78	78	70-130	
Styrene	10.0	8.79	88	70-130	
Bromoform	10.0	9.07	91	70-130	
Cumene	10.0	7.86	79	70-130	
1,1,2,2-Tetrachloroethane	10.0	7.99	80	70-130	
n-Propylbenzene	10.0	8.35	84	70-130	
4-Ethyltoluene	10.0	8.83	88	70-130	
1,3,5-Trimethylbenzene	10.0	8.15	81	70-130	
2-Chlorotoluene	10.0	8.58	86	70-130	
tert-Butylbenzene	10.0	8.05	81	70-130	
1,2,4-Trimethylbenzene	10.0	8.49	85	70-130	
sec-Butylbenzene	10.0	8.56	86	70-130	
4-Isopropyltoluene	10.0	8.90	89	70-130	
1,3-Dichlorobenzene	10.0	8.50	85	70-130	
1,4-Dichlorobenzene	10.0	8.31	83	70-130	
Benzyl chloride	10.0	9.22	92	70-130	
n-Butylbenzene	10.0	9.65	96	70-130	
1,2-Dichlorobenzene	10.0	8.06	81	70-130	
1,2,4-Trichlorobenzene	10.0	8.56	86	70-130	
Hexachlorobutadiene	10.0	8.22	82	70-130	
Naphthalene	10.0	10.1	101	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab File ID: ggzn004.d Lab Sample ID: MB 200-51776/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/11/2013 11:22

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 200-51776/3	ggzn003.d	02/11/2013 10:31
3515	200-15031-2	ggzn006.d	02/11/2013 13:14

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

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51776/4

Matrix: Air Lab File ID: ggzn004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2013 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51776 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington | Job No.: 200-15031-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-51776/4

Matrix: Air | Lab File ID: ggzn004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2013 11:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51776 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51776/4

Matrix: Air Lab File ID: ggzn004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2013 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51776 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggznto15.b/ggzn004.d
Lab Smp Id: mb
Inj Date : 11-FEB-2013 11:22
Operator : MTP Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggznto15.b/to15v5.m
Meth Date : 11-Feb-2013 10:30 wrd Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	3.006	3.006	(0.294)	2356	0.19456	0.19(aQ)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

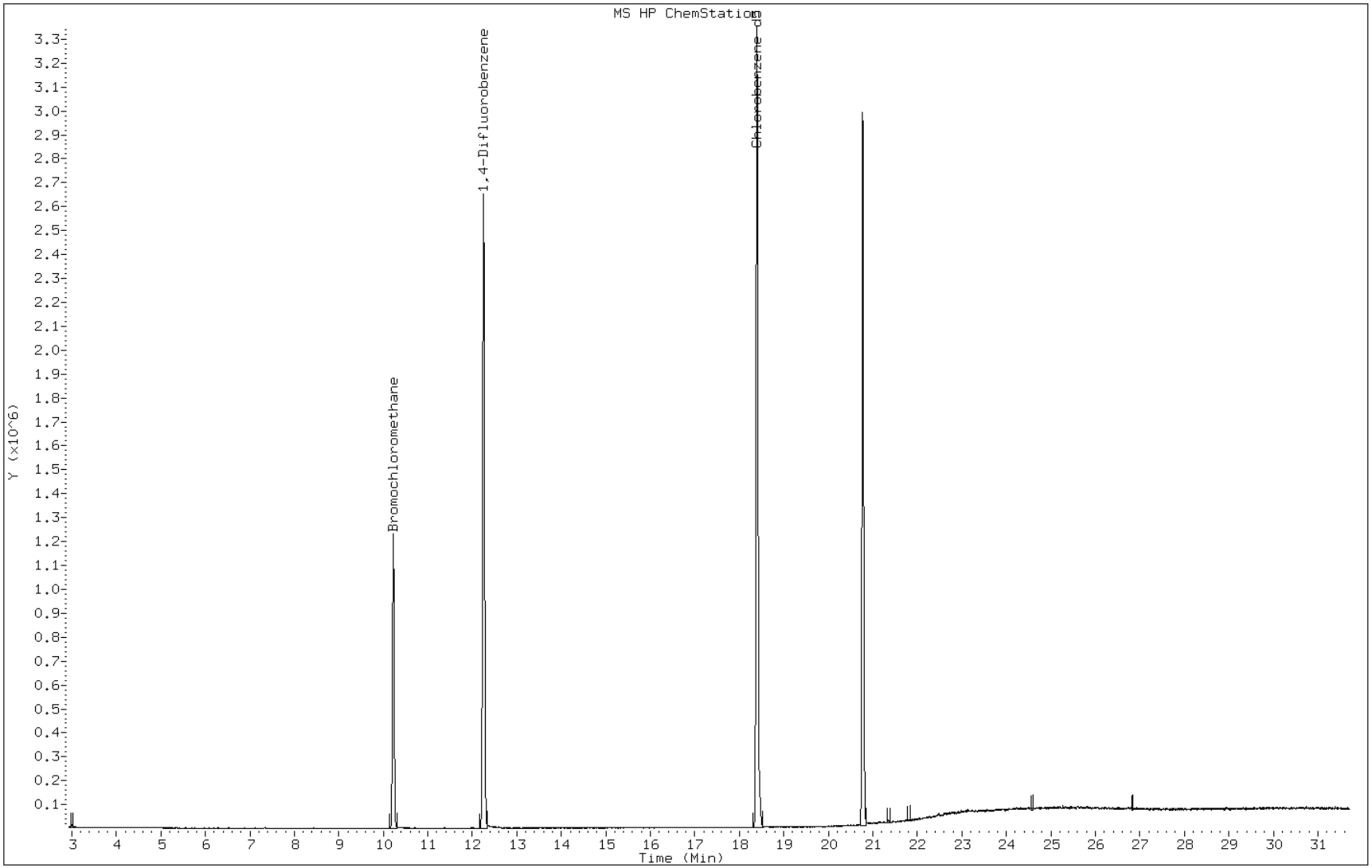
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.334	7.361	(0.717)	1716	0.06663	0.067(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.223	10.244	(1.000)	607926	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	12.251	12.272	(1.000)	4320065	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	4143556	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	ggzn004.d	Date:	11-FEB-2013 11:22
Client ID:		Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab File ID: ggzp004.d Lab Sample ID: MB 200-51845/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/13/2013 11:14

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 200-51845/3	ggzp003.d	02/13/2013 10:23
3230	200-15057-12	ggzp008.d	02/13/2013 14:46

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-51845/4

Matrix: Air Lab File ID: ggzp004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2013 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzpto15.b/ggzp004.d
Lab Smp Id: mb
Inj Date : 13-FEB-2013 11:14
Operator : MTP Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggzpto15.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	3.006	3.006	(0.294)	3028	0.28510	0.29(aQ)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

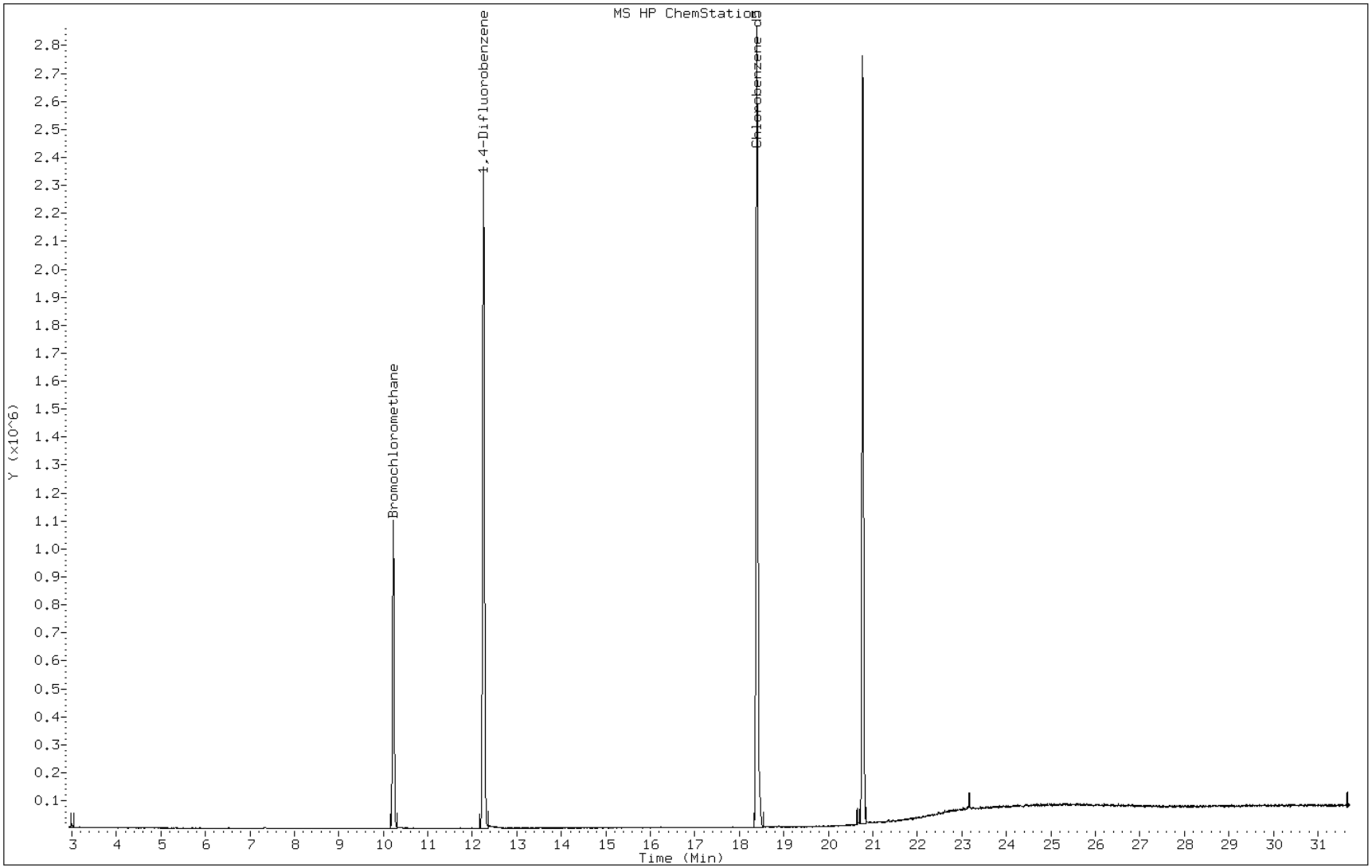
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	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	10.223	10.244	(1.000)	533336	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	12.251	12.272	(1.000)	3771745	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	3544440	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File:	ggzp004.d	Date:	13-FEB-2013 11:14
Client ID:		Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab File ID: ggzs006.d Lab Sample ID: MB 200-52056/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/18/2013 12:59

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 200-52056/5	ggzs005.d	02/18/2013 12:08
5075	200-15118-6	ggzs008.d	02/18/2013 14:52

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52056/6

Matrix: Air Lab File ID: ggzs006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington | Job No.: 200-15118-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-52056/6

Matrix: Air | Lab File ID: ggzs006.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/18/2013 12:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52056 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52056/6

Matrix: Air Lab File ID: ggzs006.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggzsto15.b/ggzs006.d
Lab Smp Id: mb
Inj Date : 18-FEB-2013 12:59
Operator : MTP Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggzsto15.b/to15v5.m
Meth Date : 18-Feb-2013 12:37 wrd Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

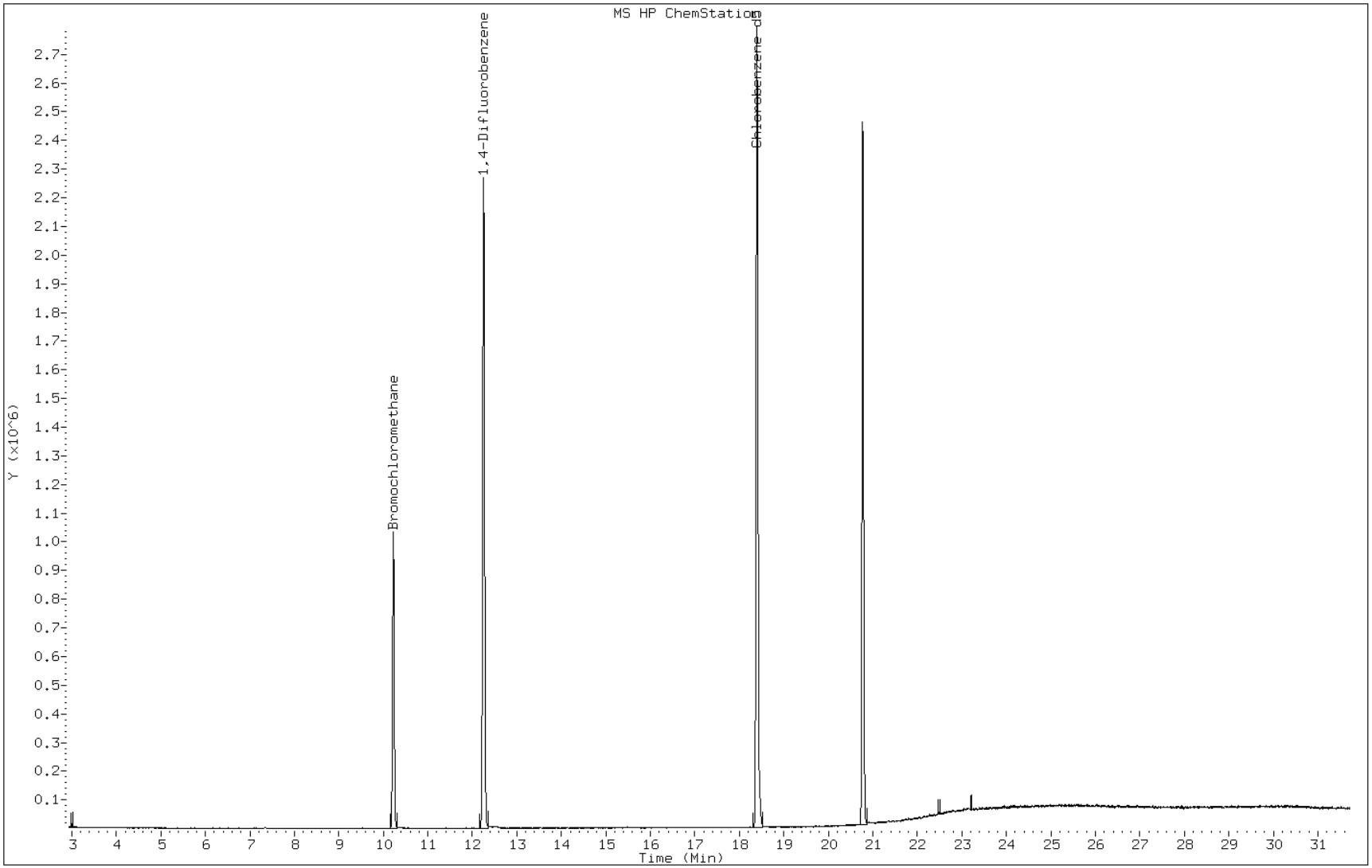
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	Compound Not Detected.					
21	Carbon disulfide	76	Compound Not Detected.					
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	Compound Not Detected.					
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	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	10.223	10.244	(1.000)	496162	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	12.251	12.272	(1.000)	3667372	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	3410382	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.					

Data File:	ggzs006.d	Date:	18-FEB-2013 12:59
Client ID:		Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab File ID: clfo005.d Lab Sample ID: MB 200-52061/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: C.i Date Analyzed: 02/18/2013 12:54

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 200-52061/4	clfo004.d	02/18/2013 12:01
2639	200-15120-9	clfo006.d	02/18/2013 13:47

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52061/5

Matrix: Air Lab File ID: clfo005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington | Job No.: 200-15120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-52061/5

Matrix: Air | Lab File ID: clfo005.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/18/2013 12:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52061 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52061/5

Matrix: Air Lab File ID: clfo005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/18/2013 12:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/clfoto15.b/clfo005.d
Lab Smp Id: mb
Inj Date : 18-FEB-2013 12:54
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/C.i/Csvr.p/clfoto15.b/to15v5.m
Meth Date : 19-Feb-2013 10:33 wrd Quant Type: ISTD
Cal Date : 03-FEB-2013 14:32 Cal File: clf003.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	4.779	4.784	(0.399)	3930	0.08573	0.086(a)
6	Butane	43	5.046	5.051	(0.421)	4273	0.05763	0.058(a)
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

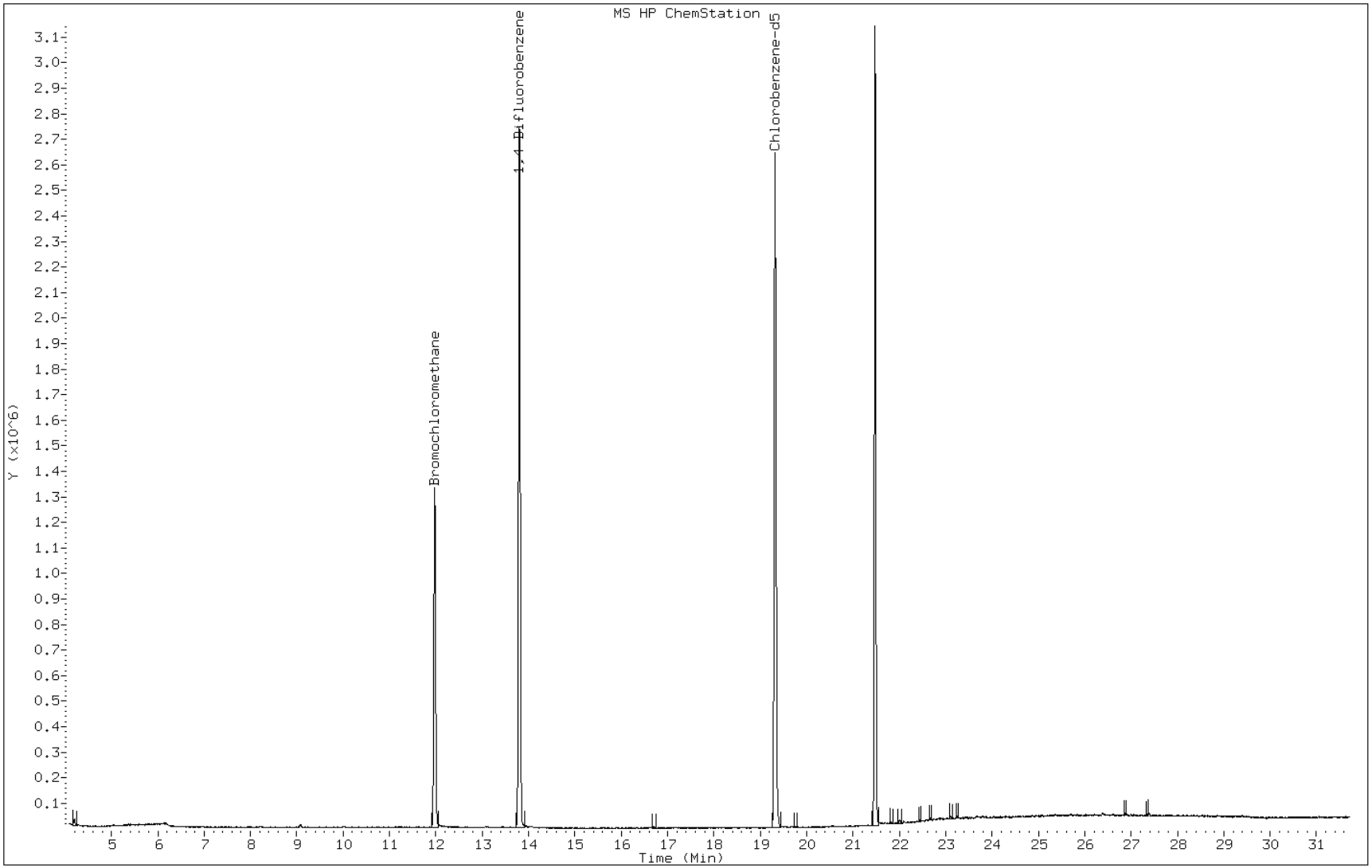
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	8.211	8.184	(0.685)	8269	0.14559	0.15(a)
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	9.070	9.086	(0.757)	7921	0.14890	0.15(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
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	11.978	11.989	(1.000)	566599	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	13.446	13.451	(0.974)	1771	0.01710	0.017(a)
* 47	1,4-Difluorobenzene	114	13.804	13.814	(1.000)	3481418	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	19.322	19.332	(1.000)	2647193	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	26.383	26.404	(1.365)	4749	0.08240	0.082(a)
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	26.868	26.884	(1.391)	12094	0.10556	0.11(a)
97	1,2,3-Trichlorobenzene	180	27.370	27.386	(1.417)	3968	0.08631	0.086(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	clfo005.d	Date:	18-FEB-2013 12:54
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab File ID: ghae04.d Lab Sample ID: MB 200-52631/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 03/04/2013 12:56

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 200-52631/3	ghae03.d	03/04/2013 12:01
2851	200-15297-12	ghae05.d	03/04/2013 13:52

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

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52631/4

Matrix: Air Lab File ID: ghae04.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/04/2013 12:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52631 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52631/4

Matrix: Air Lab File ID: ghae04.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/04/2013 12:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52631 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

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

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-52631/4

Matrix: Air Lab File ID: ghae04.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/04/2013 12:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52631 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ghaeto15.b/ghae04.d
Lab Smp Id: MB
Inj Date : 04-MAR-2013 12:56
Operator : BL Inst ID: G.i
Smp Info : MB
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ghaeto15.b/to15v5.m
Meth Date : 05-Mar-2013 16:58 ahk Quant Type: ISTD
Cal Date : 27-FEB-2013 22:53 Cal File: gha10.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

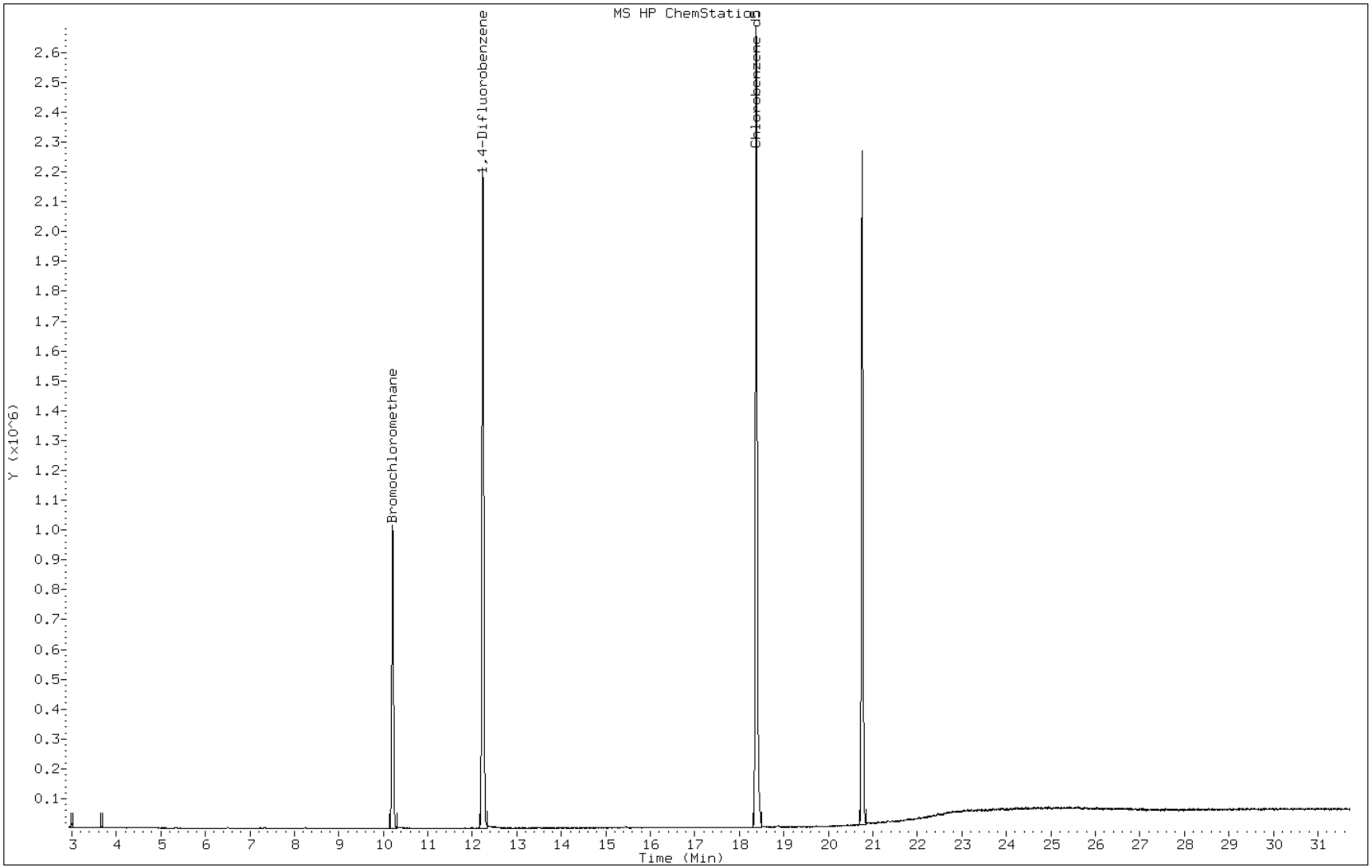
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	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.					
	30 n-Hexane	57	8.238	8.254	(0.807)	1076	0.04020	0.040(aQ)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.207	10.218	(1.000)	477326	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	12.234	12.240	(1.000)	3448823	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	18.376	18.376	(1.000)	3117624	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

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

Data File:	ghae04.d	Date:	04-MAR-2013 12:56
Client ID:		Instrument:	G.i
Operator:	BL	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	MB		
Lab Sample ID:	MB		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab File ID: ggzn001.d BFB Injection Date: 02/11/2013

Instrument ID: G.i BFB Injection Time: 08:43

Analysis Batch No.: 51776

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.8	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	98.4	
175	4.0 - 9.0 % of mass 174	6.5	(6.6)1
176	93.0 - 101.0% of mass 174	94.5	(96.0)1
177	5.0 - 9.0% of mass 176	6.1	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-51776/2	ggzn002.d	02/11/2013	09:40
	LCS 200-51776/3	ggzn003.d	02/11/2013	10:31
	MB 200-51776/4	ggzn004.d	02/11/2013	11:22
3515	200-15031-2	ggzn006.d	02/11/2013	13:14

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab File ID: ggzp001.d BFB Injection Date: 02/13/2013

Instrument ID: G.i BFB Injection Time: 08:42

Analysis Batch No.: 51845

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.9	
75	30.0 - 66.0% of mass 95	37.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	94.6	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	90.6	(95.8)1
177	5.0 - 9.0% of mass 176	5.7	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-51845/2	ggzp002.d	02/13/2013	09:32
	LCS 200-51845/3	ggzp003.d	02/13/2013	10:23
	MB 200-51845/4	ggzp004.d	02/13/2013	11:14
3230	200-15057-12	ggzp008.d	02/13/2013	14:46

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab File ID: ggzs001.d BFB Injection Date: 02/18/2013

Instrument ID: G.i BFB Injection Time: 08:39

Analysis Batch No.: 52056

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	11.3	
75	30.0 - 66.0% of mass 95	38.8	
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	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	93.6	
175	4.0 - 9.0 % of mass 174	6.6	(7.0)1
176	93.0 - 101.0% of mass 174	91.3	(97.5)1
177	5.0 - 9.0% of mass 176	5.7	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52056/4	ggzs004.d	02/18/2013	11:17
	LCS 200-52056/5	ggzs005.d	02/18/2013	12:08
	MB 200-52056/6	ggzs006.d	02/18/2013	12:59
5075	200-15118-6	ggzs008.d	02/18/2013	14:52

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab File ID: clf001.d BFB Injection Date: 02/03/2013

Instrument ID: C.i BFB Injection Time: 12:45

Analysis Batch No.: 51508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.4	
75	30.0 - 66.0% of mass 95	46.6	
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	74.0	
175	4.0 - 9.0 % of mass 174	5.1	(6.9)1
176	93.0 - 101.0% of mass 174	70.7	(95.4)1
177	5.0 - 9.0% of mass 176	4.5	(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 200-51508/3	clf003.d	02/03/2013	14:32
	IC 200-51508/4	clf004.d	02/03/2013	15:25
	IC 200-51508/5	clf005.d	02/03/2013	16:17
	IC 200-51508/6	clf006.d	02/03/2013	17:09
	ICIS 200-51508/7	clf007.d	02/03/2013	18:02
	IC 200-51508/8	clf008.d	02/03/2013	18:55
	IC 200-51508/9	clf009.d	02/03/2013	19:47
	IC 200-51508/10	clf010.d	02/03/2013	20:40
	ICV 200-51508/15	clf015.d	02/04/2013	09:47

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab File ID: clfo001.d BFB Injection Date: 02/18/2013

Instrument ID: C.i BFB Injection Time: 09:11

Analysis Batch No.: 52061

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.7	
75	30.0 - 66.0% of mass 95	49.5	
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	(0.5)1
174	50.0 - 120.0% of mass 95	63.0	
175	4.0 - 9.0 % of mass 174	4.3	(6.9)1
176	93.0 - 101.0% of mass 174	60.7	(96.4)1
177	5.0 - 9.0% of mass 176	3.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52061/3	clfo003.d	02/18/2013	11:09
	LCS 200-52061/4	clfo004.d	02/18/2013	12:01
	MB 200-52061/5	clfo005.d	02/18/2013	12:54
2639	200-15120-9	clfo006.d	02/18/2013	13:47

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab File ID: gha01.d BFB Injection Date: 02/27/2013

Instrument ID: G.i BFB Injection Time: 14:26

Analysis Batch No.: 52454

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.9	
75	30.0 - 66.0% of mass 95	39.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.4	(0.5)1
174	50.0 - 120.0% of mass 95	73.5	
175	4.0 - 9.0 % of mass 174	5.3	(7.2)1
176	93.0 - 101.0% of mass 174	71.5	(97.3)1
177	5.0 - 9.0% of mass 176	4.5	(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
	IC 200-52454/3	gha03.d	02/27/2013	16:59
	IC 200-52454/4	gha04.d	02/27/2013	17:49
	IC 200-52454/5	gha05.d	02/27/2013	18:40
	IC 200-52454/6	gha06.d	02/27/2013	19:30
	ICIS 200-52454/7	gha07.d	02/27/2013	20:21
	IC 200-52454/8	gha08.d	02/27/2013	21:12
	IC 200-52454/9	gha09.d	02/27/2013	22:03
	IC 200-52454/10	gha10.d	02/27/2013	22:53
	ICV 200-52454/12	gha12.d	02/28/2013	00:35

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab File ID: ghae01.d BFB Injection Date: 03/04/2013

Instrument ID: G.i BFB Injection Time: 10:09

Analysis Batch No.: 52631

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.4	
75	30.0 - 66.0% of mass 95	39.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.3	(0.5)1
174	50.0 - 120.0% of mass 95	74.2	
175	4.0 - 9.0 % of mass 174	5.2	(7.0)1
176	93.0 - 101.0% of mass 174	71.6	(96.4)1
177	5.0 - 9.0% of mass 176	4.5	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52631/2	ghae02.d	03/04/2013	11:06
	LCS 200-52631/3	ghae03.d	03/04/2013	12:01
	MB 200-52631/4	ghae04.d	03/04/2013	12:56
2851	200-15297-12	ghae05.d	03/04/2013	13:52

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

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Sample No.: CCVIS 200-51776/2 Date Analyzed: 02/11/2013 09:40

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzn002.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		737947	10.23	4193647	12.26	4803811	18.40
UPPER LIMIT		1033126	10.56	5871106	12.59	6725335	18.73
LOWER LIMIT		442768	9.90	2516188	11.93	2882287	18.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-51776/3		747093	10.23	4435960	12.26	5123273	18.39
MB 200-51776/4		607926	10.22	4320065	12.25	4143556	18.39
200-15031-2	3515	757750	10.22	4601188	12.25	4967235	18.39

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Sample No.: CCVIS 200-51845/2 Date Analyzed: 02/13/2013 09:32

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzp002.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		669498	10.23	4064612	12.26	4733007	18.39
UPPER LIMIT		937297	10.56	5690457	12.59	6626210	18.72
LOWER LIMIT		401699	9.90	2438767	11.93	2839804	18.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-51845/3		663351	10.23	3943333	12.26	4455635	18.39
MB 200-51845/4		533336	10.22	3771745	12.25	3544440	18.39
200-15057-12	3230	521828	10.22	3640698	12.25	3312197	18.39

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Sample No.: CCVIS 200-52056/4 Date Analyzed: 02/18/2013 11:17

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzs004.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		648801	10.23	3945958	12.26	4310920	18.40
UPPER LIMIT		908321	10.56	5524341	12.59	6035288	18.73
LOWER LIMIT		389281	9.90	2367575	11.93	2586552	18.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52056/5		643157	10.23	4077179	12.26	4589074	18.40
MB 200-52056/6		496162	10.22	3667372	12.25	3410382	18.39
200-15118-6	5075	528959	10.22	3812030	12.25	3348788	18.40

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Sample No.: ICIS 200-51508/7 Date Analyzed: 02/03/2013 18:02

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clf007.d Heated Purge: (Y/N) N

Calibration ID: 20206

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		695958	11.99	3816466	13.81	3583831	19.33
UPPER LIMIT		974341	12.32	5343052	14.14	5017363	19.66
LOWER LIMIT		417575	11.66	2289880	13.48	2150299	19.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51508/15		842398	11.99	4593212	13.81	4342477	19.33

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Sample No.: CCVIS 200-52061/3 Date Analyzed: 02/18/2013 11:09

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): clfo003.d Heated Purge: (Y/N) N

Calibration ID: 20206

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		725781	11.98	4091347	13.80	3673519	19.32
UPPER LIMIT		1016093	12.31	5727886	14.13	5142927	19.65
LOWER LIMIT		435469	11.65	2454808	13.47	2204111	18.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52061/4		761928	11.98	4299696	13.80	3779867	19.32
MB 200-52061/5		566599	11.98	3481418	13.80	2647193	19.32
200-15120-9	2639	694600	11.98	3849220	13.80	3282662	19.32

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Sample No.: ICIS 200-52454/7 Date Analyzed: 02/27/2013 20:21

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gha07.d Heated Purge: (Y/N) N

Calibration ID: 20664

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		689379	10.22	3897417	12.24	4074054	18.38
UPPER LIMIT		965131	10.55	5456384	12.57	5703676	18.71
LOWER LIMIT		413627	9.89	2338450	11.91	2444432	18.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-52454/12		666384	10.21	3994114	12.24	4027370	18.38

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

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

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Sample No.: CCVIS 200-52631/2 Date Analyzed: 03/04/2013 11:06

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ghae02.d Heated Purge: (Y/N) N

Calibration ID: 20664

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		567616	10.21	3384577	12.24	3518232	18.38
UPPER LIMIT		794662	10.54	4738408	12.57	4925525	18.71
LOWER LIMIT		340570	9.88	2030746	11.91	2110939	18.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52631/3		568245	10.21	3376078	12.24	3403413	18.38
MB 200-52631/4		477326	10.21	3448823	12.23	3117624	18.38
200-15297-12	2851	561549	10.21	3495145	12.23	3620940	18.38

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Client Sample ID: 3515 Lab Sample ID: 200-15031-2

Matrix: Air Lab File ID: ggzn006.d

Analysis Method: TO-15 Date Collected: 02/09/2013 00:00

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2013 13:14

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51776 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Client Sample ID: 3515 Lab Sample ID: 200-15031-2

Matrix: Air Lab File ID: ggzn006.d

Analysis Method: TO-15 Date Collected: 02/09/2013 00:00

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2013 13:14

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51776 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Client Sample ID: 3515 Lab Sample ID: 200-15031-2

Matrix: Air Lab File ID: ggzn006.d

Analysis Method: TO-15 Date Collected: 02/09/2013 00:00

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2013 13:14

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51776 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15031-2
Client Smp ID: 3515
Inj Date : 11-FEB-2013 13:14
Operator : MTP Inst ID: G.i
Smp Info : 200-15031-A-2
Misc Info : 1000,0.2
Comment :
Method : /chem/G.i/Gsvr.p/ggznto15.b/to15v5.m
Meth Date : 11-Feb-2013 10:30 wrd Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 5
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	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	3.006	3.006	(0.294)	9622	0.63744	0.13(aQ)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.456	3.461	(0.338)	3706	0.15358	0.031(a)
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

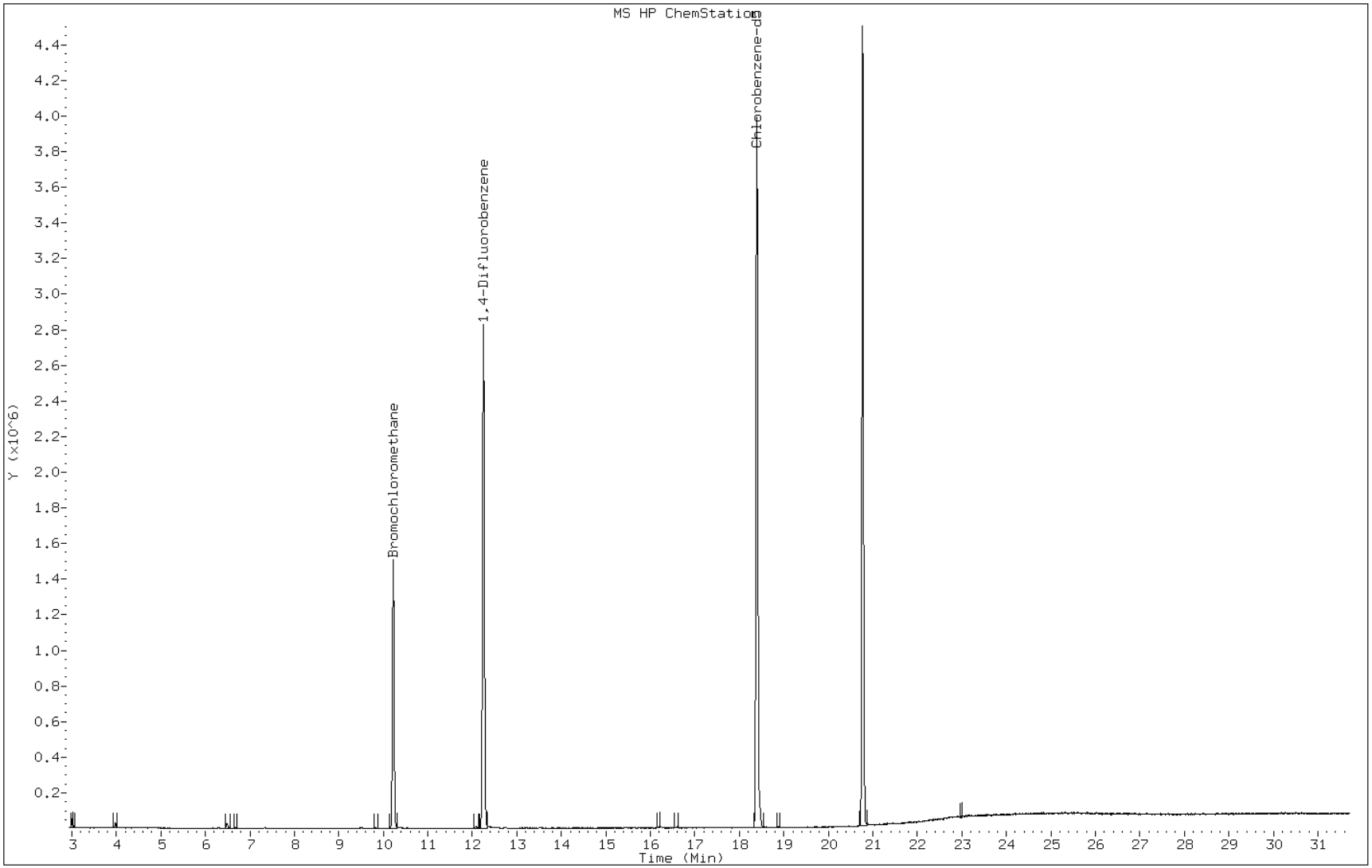
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	6.489	6.489	(0.635)	44768	1.28082	0.26(a)
21	Carbon disulfide	76	6.671	6.681	(0.653)	12094	0.10763	0.022(a)
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	7.339	7.361	(0.718)	2643	0.08230	0.016(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.827	9.816	(0.961)	2323	0.15494	0.031(a)
* 37	Bromochloromethane	128	10.223	10.244	(1.000)	757750	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	12.250	12.272	(1.000)	4601188	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	16.594	16.621	(0.902)	2476	0.01234	0.0025(a)
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	18.392	18.413	(1.000)	4967235	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	ggzn006.d	Date:	11-FEB-2013 13:14
Client ID:	3515	Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15031-A-2		
Lab Sample ID:	200-15031-2		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: 3230 Lab Sample ID: 200-15057-12

Matrix: Air Lab File ID: ggzp008.d

Analysis Method: TO-15 Date Collected: 02/12/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/13/2013 14:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-15057-1

SDG No.:

Client Sample ID: 3230 | Lab Sample ID: 200-15057-12

Matrix: Air | Lab File ID: ggzp008.d

Analysis Method: TO-15 | Date Collected: 02/12/2013 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/13/2013 14:46

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 51845 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Client Sample ID: 3230 Lab Sample ID: 200-15057-12

Matrix: Air Lab File ID: ggzp008.d

Analysis Method: TO-15 Date Collected: 02/12/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/13/2013 14:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 51845 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15057-12
Client Smp ID: 3230
Inj Date : 13-FEB-2013 14:46
Operator : MTP Inst ID: G.i
Smp Info : 200-15057-A-12
Misc Info : 1000,0.2, all74+mn
Comment :
Method : /chem/G.i/Gsvr.p/ggzpto15.b/to15v5.m
Meth Date : 13-Feb-2013 10:53 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 7
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1	Propene	41	3.001	3.006	(0.294)	7460	0.71770	0.14(aQ)
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

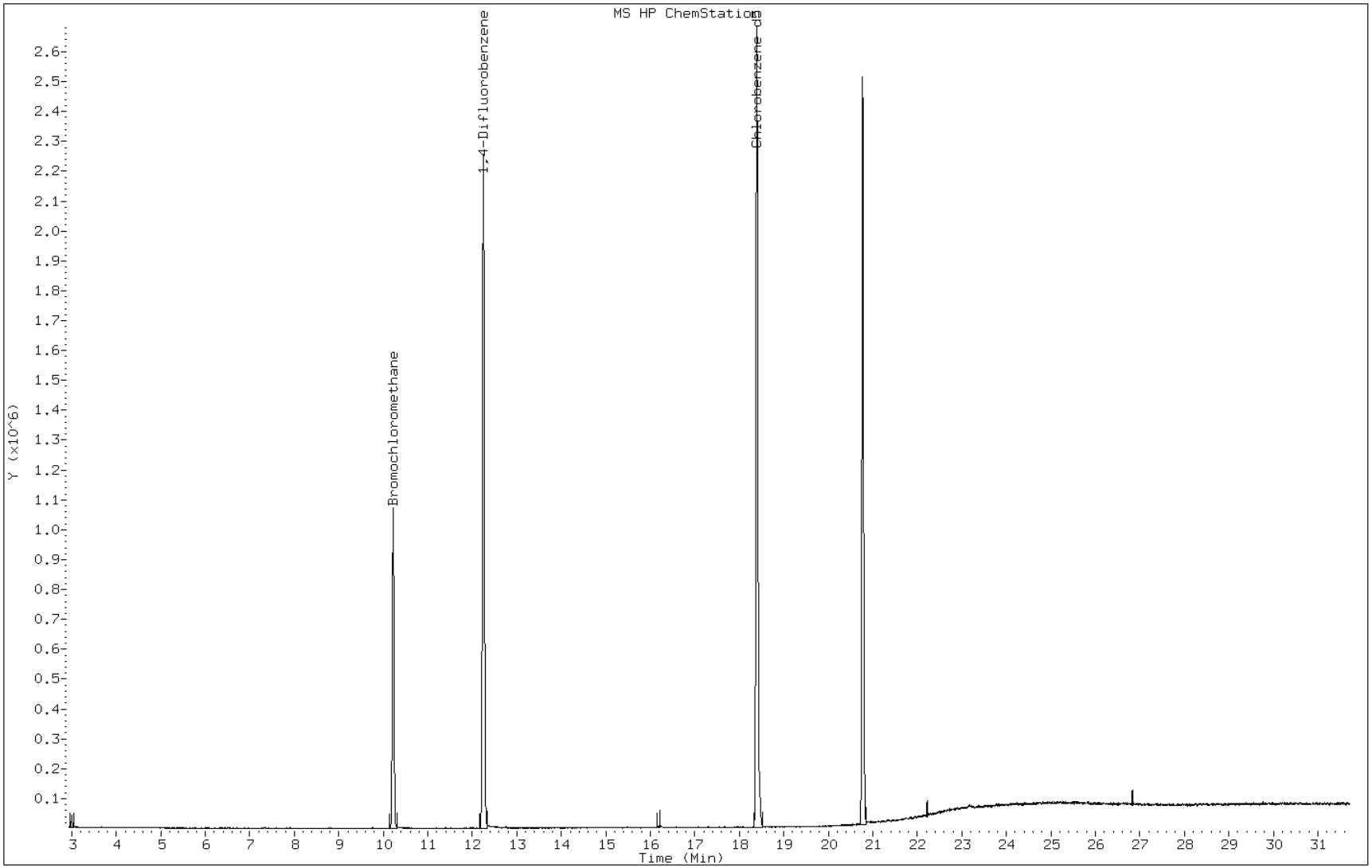
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.334	7.361	(0.718)	2303	0.10416	0.021(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.218	10.244	(1.000)	521828	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	12.251	12.272	(1.000)	3640698	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.392	18.413	(1.000)	3312197	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	ggzp008.d	Date:	13-FEB-2013 14:46
Client ID:	3230	Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15057-A-12		
Lab Sample ID:	200-15057-12		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: 5075 Lab Sample ID: 200-15118-6

Matrix: Air Lab File ID: ggzs008.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: 5075 Lab Sample ID: 200-15118-6

Matrix: Air Lab File ID: ggzs008.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U *	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Client Sample ID: 5075 Lab Sample ID: 200-15118-6

Matrix: Air Lab File ID: ggzs008.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52056 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U *	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15118-6
Client Smp ID: 5075
Inj Date : 18-FEB-2013 14:52
Operator : MTP Inst ID: G.i
Smp Info : 200-15118-A-6
Misc Info : 1000,0.2, all74mn
Comment :
Method : /chem/G.i/Gsvr.p/ggzsto15.b/to15v5.m
Meth Date : 18-Feb-2013 13:46 mtp Quant Type: ISTD
Cal Date : 25-JAN-2013 16:32 Cal File: ggz010.d
Als bottle: 5
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

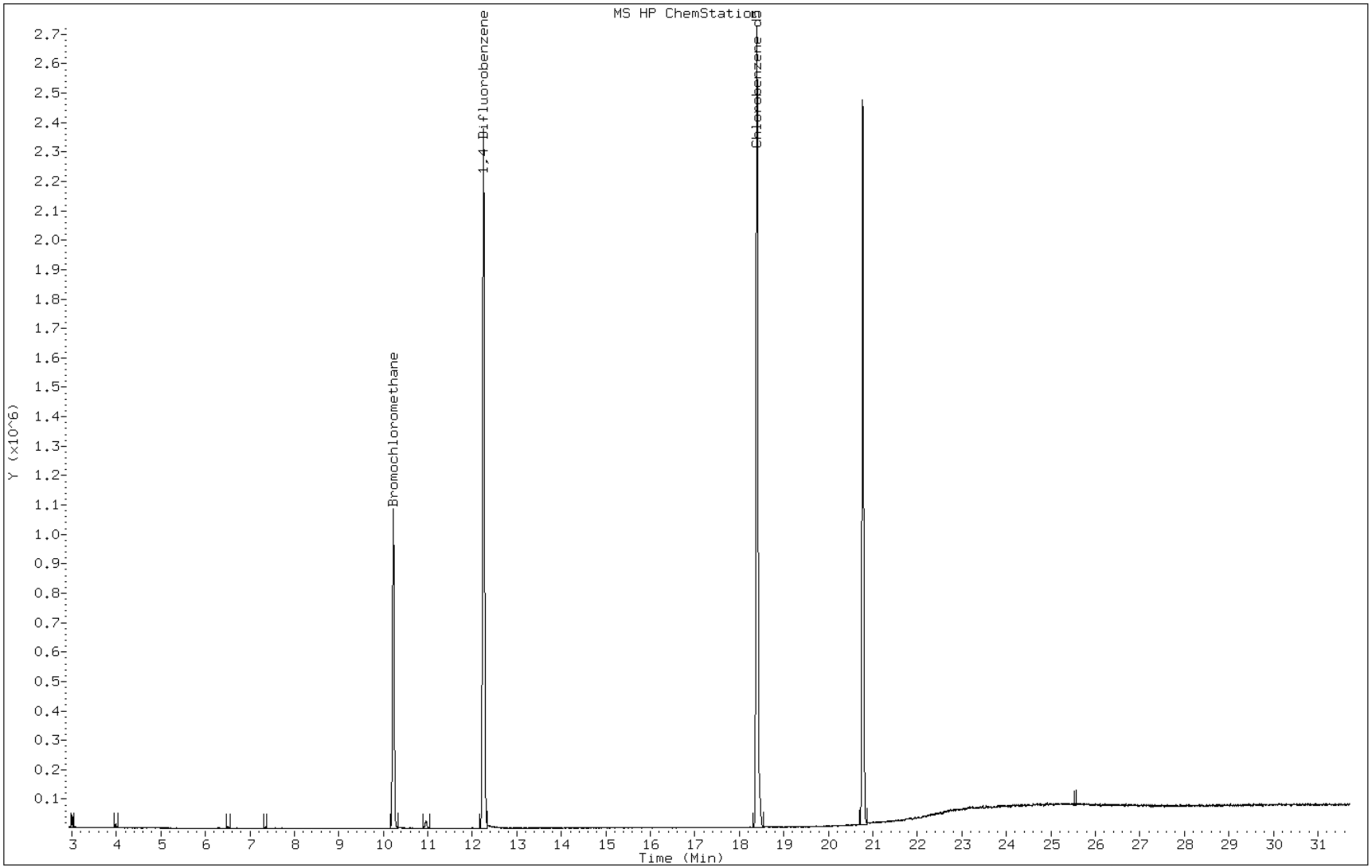
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	6.505	6.489	(0.636)	7868	0.32247	0.064(a)
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	7.340	7.361	(0.718)	3074	0.13713	0.027(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
29	Acrylonitrile	53	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37	Bromochloromethane	128	10.223	10.244	(1.000)	528959	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	10.961	10.972	(0.895)	26919	0.16465	0.033(a)
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	12.251	12.272	(1.000)	3812030	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.					

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	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	18.397	18.413	(1.000)	3348788	10.0000	
	66	Chlorobenzene	112	Compound Not Detected.					
	67	n-Nonane	57	Compound Not Detected.					
	68	Ethylbenzene	91	Compound Not Detected.					
	69	Xylene (m,p)	106	Compound Not Detected.					
M	70	Xylenes, Total	106	Compound Not Detected.					
	71	Xylene (o)	106	Compound Not Detected.					
	72	Styrene	104	Compound Not Detected.					
	73	Bromoform	173	Compound Not Detected.					
	74	Isopropylbenzene	105	Compound Not Detected.					
	75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76	n-Propylbenzene	91	Compound Not Detected.					
	77	1,2,3-Trichloropropane	75	Compound Not Detected.					
	78	n-Decane	57	Compound Not Detected.					
	79	4-Ethyltoluene	105	Compound Not Detected.					
	80	2-Chlorotoluene	91	Compound Not Detected.					
	81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82	Alpha Methyl Styrene	118	Compound Not Detected.					
	83	tert-butylbenzene	119	Compound Not Detected.					
	84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85	sec-Butylbenzene	105	Compound Not Detected.					
	86	4-Isopropyltoluene	119	Compound Not Detected.					
	87	1,3-Dichlorobenzene	146	Compound Not Detected.					
	88	1,4-Dichlorobenzene	146	Compound Not Detected.					
	89	Benzyl chloride	91	Compound Not Detected.					
	90	Undecane	57	Compound Not Detected.					
	91	n-Butylbenzene	91	Compound Not Detected.					
	92	1,2-Dichlorobenzene	146	Compound Not Detected.					
	93	Dodecane	57	Compound Not Detected.					
	94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96	Naphthalene	128	Compound Not Detected.					
	97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	ggzs008.d	Date:	18-FEB-2013 14:52
Client ID:	5075	Instrument:	G.i
Operator:	MTP	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15118-A-6		
Lab Sample ID:	200-15118-6		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-15120-1

SDG No.:

Client Sample ID: 2639 | Lab Sample ID: 200-15120-9

Matrix: Air | Lab File ID: clfo006.d

Analysis Method: TO-15 | Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2013 13:47

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52061 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: 2639 Lab Sample ID: 200-15120-9

Matrix: Air Lab File ID: clfo006.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 13:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Client Sample ID: 2639 Lab Sample ID: 200-15120-9

Matrix: Air Lab File ID: clfo006.d

Analysis Method: TO-15 Date Collected: 02/15/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2013 13:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52061 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15120-9
Client Smp ID: 2639
Inj Date : 18-FEB-2013 13:47
Operator : wrd Inst ID: C.i
Smp Info : 200-15120-A-9
Misc Info : 1000,0.2,all74+mn
Comment :
Method : /chem/C.i/Csvr.p/clfoto15.b/to15v5.m
Meth Date : 19-Feb-2013 10:33 wrd Quant Type: ISTD
Cal Date : 03-FEB-2013 14:32 Cal File: clf003.d
Als bottle: 5
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.789	4.784	(0.400)	2376	0.04228	0.0085(aQ)
6 Butane	43	5.051	5.051	(0.422)	4441	0.04886	0.0098(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

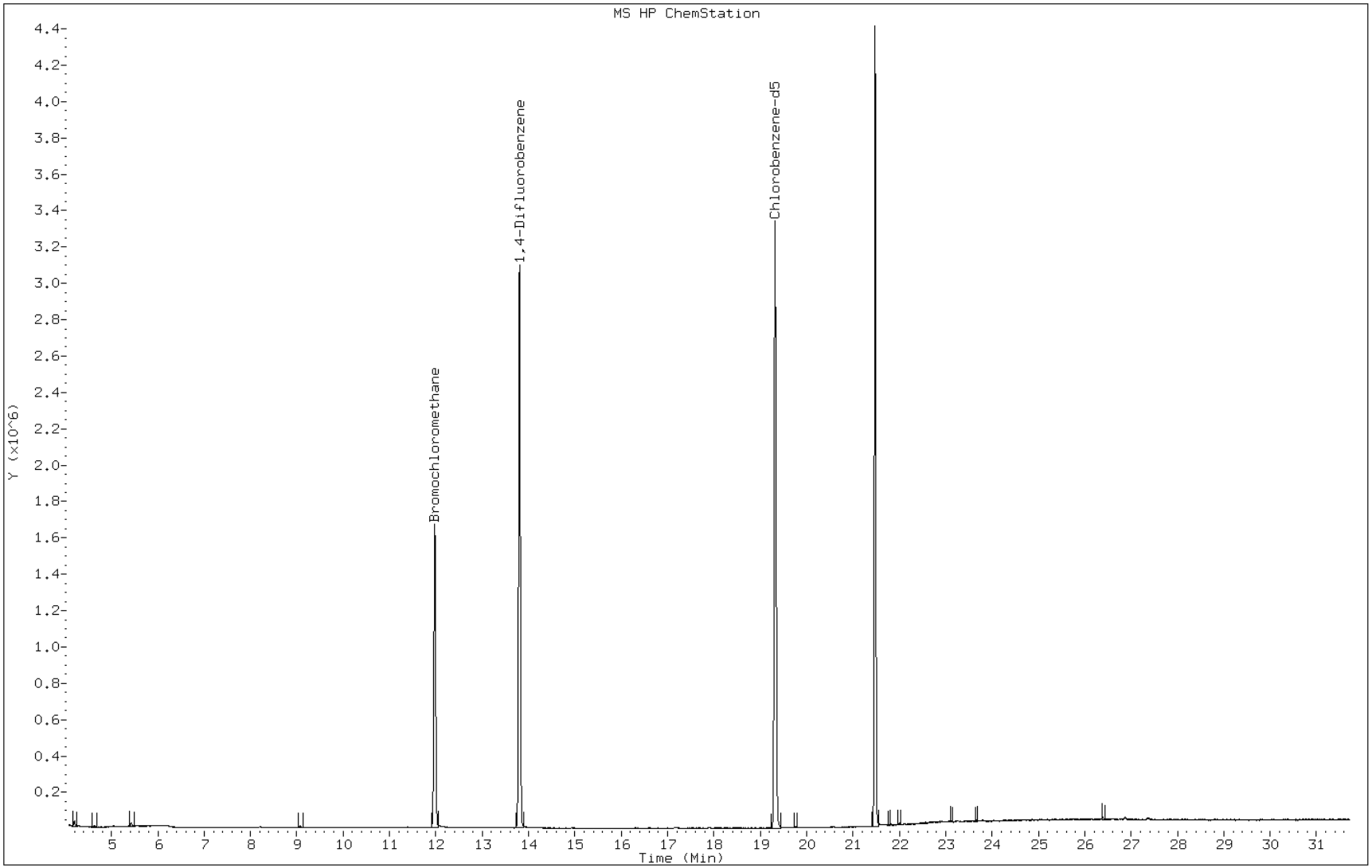
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.210	8.184	(0.685)	15170	0.21788	0.044(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.070	9.086	(0.757)	6984	0.10710	0.021(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	11.978	11.989	(1.000)	694600	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	13.803	13.814	(1.000)	3849220	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	19.322	19.332	(1.000)	3282662	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	26.393	26.404	(1.366)	4137	0.05788	0.012(a)
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	26.873	26.884	(1.391)	14470	0.10185	0.020(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:	clfo006.d	Date:	18-FEB-2013 13:47
Client ID:	2639	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15120-A-9		
Lab Sample ID:	200-15120-9		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Client Sample ID: 2851 Lab Sample ID: 200-15297-12

Matrix: Air Lab File ID: ghae05.d

Analysis Method: TO-15 Date Collected: 03/01/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/04/2013 13:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52631 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-15297-1

SDG No.:

Client Sample ID: 2851 | Lab Sample ID: 200-15297-12

Matrix: Air | Lab File ID: ghae05.d

Analysis Method: TO-15 | Date Collected: 03/01/2013 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/04/2013 13:52

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52631 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Client Sample ID: 2851 Lab Sample ID: 200-15297-12

Matrix: Air Lab File ID: ghae05.d

Analysis Method: TO-15 Date Collected: 03/01/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/04/2013 13:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52631 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15297-12
Client Smp ID: 2851
Inj Date : 04-MAR-2013 13:52
Operator : BL Inst ID: G.i
Smp Info : 200-15297-A-12
Misc Info : 1000,0.2
Comment :
Method : /chem/G.i/Gsvr.p/ghaeto15.b/to15v5.m
Meth Date : 05-Mar-2013 16:58 ahk Quant Type: ISTD
Cal Date : 27-FEB-2013 22:53 Cal File: gha10.d
Als bottle: 4
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	3.076	3.071	(0.301)	5296	0.05127	0.010(a)
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

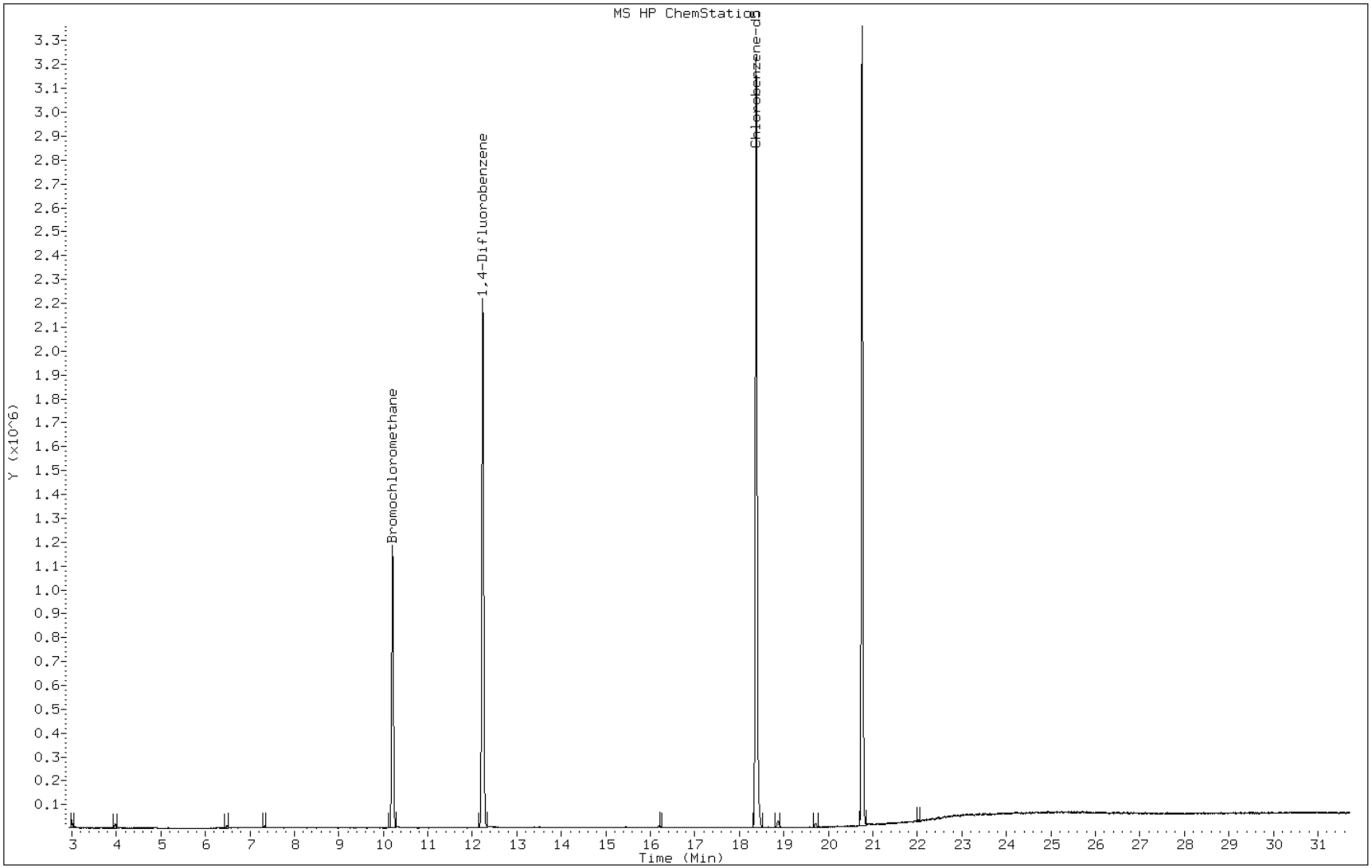
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	6.484	6.468	(0.635)	19242	0.66660	0.13(a)
21	Carbon disulfide	76	Compound Not Detected.					
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	7.329	7.329	(0.718)	4483	0.16161	0.032(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37	Bromochloromethane	128	10.207	10.218	(1.000)	561549	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	12.235	12.240	(1.000)	3495145	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	18.376	18.376	(1.000)	3620940	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	18.874	18.868	(1.027)	15099	0.12742	0.025(a)
M 70	Xylenes, Total	106				23877	0.19698	0.039(a)
71	Xylene (o)	106	19.708	19.708	(1.072)	8778	0.06956	0.014(a)
72	Styrene	104	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	ghae05.d	Date:	04-MAR-2013 13:52
Client ID:	2851	Instrument:	G.i
Operator:	BL	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-15297-A-12		
Lab Sample ID:	200-15297-12		



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15031-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15057-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15118-1 Analy Batch No.: 51182

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51508/3	clf003.d
Level 2	IC 200-51508/4	clf004.d
Level 3	IC 200-51508/5	clf005.d
Level 4	IC 200-51508/6	clf006.d
Level 5	ICIS 200-51508/7	clf007.d
Level 6	IC 200-51508/8	clf008.d
Level 7	IC 200-51508/9	clf009.d
Level 8	IC 200-51508/10	clf010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	0.6574	0.5996	1.0336 0.4488	0.7977	0.6930	Ave		0.7050				28.1		30.0			
Dichlorodifluoromethane	2.8789	2.7355	3.3740 2.0593	3.3498	3.0303	Ave		2.9046				16.7		30.0			
Freon 22	1.4021	1.2958	1.7082 0.9608	1.6361	1.4515	Ave		1.4091				19.0		30.0			
1,2-Dichlorotetrafluoroethane	3.0832	3.5300 2.9445	3.3774 2.1972	3.4359	3.1779	Ave		3.1066				14.5		30.0			
Chloromethane	0.7835	0.7398	1.0406 0.5473	0.9259	0.8173	Ave		0.8091				20.8		30.0			
n-Butane	1.2965	1.2255	1.5491 0.9066	1.5159	1.3580	Ave		1.3086				17.8		30.0			
Vinyl chloride	1.2252 0.9439	1.1210 0.9002	1.0975 0.6715	1.0602	0.9720	Ave		0.9990				16.9		30.0			
1,3-Butadiene	0.6803	0.8057 0.6408	0.7840 0.4759	0.7720	0.6953	Ave		0.6934				16.4		30.0			
Bromomethane	0.9613	1.2104 0.9086	1.1100 0.6894	1.0638	0.9755	Ave		0.9884				16.8		30.0			
Chloroethane	0.5017	0.4735	0.5609 0.3589	0.5574	0.5062	Ave		0.4931				15.0		30.0			
Isopentane	1.0296	1.3168 0.9639	1.1916 0.7105	1.1675	1.0576	Ave		1.0625				18.3		30.0			
Bromoethene(Vinyl Bromide)	1.0704	1.2107 1.0482	1.1028 0.8085	1.0814	1.0548	Ave		1.0538				11.5		30.0			
Trichlorofluoromethane	3.0192	3.4373 2.9011	3.2575 2.2135	3.2811	3.0290	Ave		3.0198				13.3		30.0			
n-Pentane	1.5777	1.4802	1.7950 1.0908	1.7831	1.6343	Ave		1.5602				16.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.2490	0.2428	0.3094 0.1854	0.2137	0.2935	Ave		0.2490				18.8		30.0			
Ethyl ether	0.6198	0.7836 0.5988	0.7052 0.4445	0.6190	0.6673	Ave		0.6340				16.6		30.0			
Acrolein	0.3134	0.3060	0.2139	0.2891	0.3300	Ave		0.2905				15.6		30.0			
Freon TF	2.1735	2.4360 2.1180	2.2538 1.6219	2.2757	2.1464	Ave		2.1465				11.9		30.0			
1,1-Dichloroethene	1.0298	1.2388 1.0059	1.0737 0.7758	1.0598	1.0148	Ave		1.0284				13.3		30.0			
Acetone	1.0882	1.0114	0.7888	1.0005	1.1232	Ave		1.0024				13.0		30.0			
Carbon disulfide	2.8725	2.7578	3.0463 2.1225	3.0976	2.8791	Ave		2.7960				12.6		30.0			
Isopropyl alcohol	0.8681	0.8136	0.5454	0.8278	0.8632	Ave		0.7836				17.2		30.0			
3-Chloropropene	1.1744	1.1816 1.0508	1.1290 0.7380	1.2504	1.2840	Ave		1.1155				16.4		30.0			
Acetonitrile	0.4826	0.5183	0.3546	0.4996	0.5230	Ave		0.4756				14.6		30.0			
Methylene Chloride	0.9082	0.8507	1.2546 0.6326	1.0451	0.9420	Ave		0.9389				22.0		30.0			
tert-Butyl alcohol	1.2602	1.2104	0.8400	1.3413	1.3437	Ave		1.1991				17.4		30.0			
Methyl tert-butyl ether	2.5801	3.2020 2.5275	2.7667 1.9029	2.4468	2.7744	Ave		2.6001				15.2		30.0			
trans-1,2-Dichloroethene	1.3451	1.6646 1.2654	1.5350 0.9426	1.5180	1.3896	Ave		1.3800				17.0		30.0			
Acrylonitrile	0.5926	0.5709	0.6333 0.4270	0.5481	0.6259	Ave		0.5663				13.3		30.0			
n-Hexane	1.4913	1.7677 1.4127	1.6349 1.0644	1.6460	1.5238	Ave		1.5058				15.1		30.0			
1,1-Dichloroethane	1.7458	2.0841 1.6549	1.9353 1.2476	1.9327	1.7903	Ave		1.7701				15.3		30.0			
Vinyl acetate	1.9118	1.8278	1.3850	1.7046	2.0416	Ave		1.7741				14.1		30.0			
cis-1,2-Dichloroethene	1.1544	1.4206 1.1221	1.2532 0.8635	1.1794	1.1536	Ave		1.1638				14.3		30.0			
Methyl Ethyl Ketone	0.4377	0.4248	0.4791 0.3239	0.3654	0.4584	Ave		0.4149				14.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0878	0.0855	0.0668	0.0685	0.0919	Ave		0.0801				14.5		30.0			
Tetrahydrofuran	0.1536	0.1481	0.1092	0.1434	0.1662	Ave		0.1441				14.8		30.0			
Chloroform	2.2380	2.6382 2.1349	2.4416 1.6270	2.4207	2.2606	Ave		2.2516				14.3		30.0			
1,1,1-Trichloroethane	0.4706	0.5417 0.4541	0.4956 0.3538	0.5000	0.4707	Ave		0.4695				12.4		30.0			
Cyclohexane	0.2907	0.3244 0.2839	0.2963 0.2202	0.3026	0.2901	Ave		0.2869				11.2		30.0			
Carbon tetrachloride	0.5861 0.5234	0.5457 0.5147	0.5126 0.4083	0.5341	0.5131	Ave		0.5172				9.7		30.0			
Benzene	0.6055	0.7146 0.5847	0.6507 0.4478	0.6312	0.6046	Ave		0.6056				13.5		30.0			
2,2,4-Trimethylpentane	0.8663	1.0355 0.8243	0.9533 0.6193	0.9511	0.8839	Ave		0.8762				15.2		30.0			
1,2-Dichloroethane	0.2439	0.2794 0.2294	0.2779 0.1748	0.2652	0.2470	Ave		0.2454				14.7		30.0			
n-Heptane	0.2922	0.3491 0.2766	0.3281 0.2034	0.3300	0.3033	Ave		0.2975				16.2		30.0			
n-Butanol	0.0553	0.0598	0.0402	0.0614	0.0593	Ave		0.0552				15.7		30.0			
Trichloroethene	0.3961 0.2929	0.3353 0.2845	0.2996 0.2240	0.2961	0.2876	Ave		0.3020				16.2		30.0			
1,2-Dichloropropane	0.2042	0.2345 0.1932	0.2225 0.1481	0.2102	0.2072	Ave		0.2028				13.6		30.0			
Methyl methacrylate	0.1789	0.1757	0.1446 0.1378	0.1349	0.1855	Ave		0.1596				14.3		30.0			
1,4-Dioxane	0.0797	0.0773	0.0519	0.0677	0.0783	Ave		0.0710				16.4		30.0			
Dibromomethane	0.2916	0.2761 0.2922	0.2550 0.2434	0.2550	0.2732	Ave		0.2695				7.0		30.0			
Bromodichloromethane	0.4619	0.4700 0.4427	0.4510 0.3453	0.4677	0.4599	Ave		0.4427				9.9		30.0			
cis-1,3-Dichloropropene	0.3289	0.3303 0.3097	0.3138 0.2460	0.2996	0.3244	Ave		0.3075				9.5		30.0			
methyl isobutyl ketone	0.2718	0.2598	0.2747 0.2075	0.2557	0.3074	Ave		0.2628				12.4		30.0			
Toluene	0.5036	0.5657 0.4774	0.5123 0.3841	0.4773	0.4946	Ave		0.4878				11.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	0.3963	0.4460 0.3617	0.4565 0.2679	0.4169	0.4134	Ave		0.3941				16.2		30.0			
trans-1,3-Dichloropropene	0.3213	0.3120 0.3016	0.2959 0.2401	0.2652	0.3158	Ave		0.2932				10.2		30.0			
1,1,2-Trichloroethane	0.2338	0.2680 0.2215	0.2414 0.1770	0.2268	0.2299	Ave		0.2283				11.9		30.0			
Tetrachloroethene	0.6118 0.5201	0.5175 0.5216	0.4491 0.4451	0.4745	0.4752	Ave		0.5019				10.8		30.0			
Methyl Butyl Ketone (2-Hexanone)	0.2569	0.2548	0.2720 0.2086	0.2418	0.2823	Ave		0.2527				10.2		30.0			
Dibromochloromethane	0.5786	0.4911 0.5663	0.4697 0.4759	0.5139	0.5474	Ave		0.5204				8.5		30.0			
1,2-Dibromoethane	0.4741	0.4542 0.4490	0.4218 0.3725	0.4053	0.4480	Ave		0.4321				8.0		30.0			
Chlorobenzene	0.7254	0.7741 0.7004	0.6832 0.5797	0.6373	0.6948	Ave		0.6850				9.1		30.0			
Ethylbenzene	1.0542	1.0392 1.0326	0.9804 0.8339	0.9483	1.0638	Ave		0.9932				8.2		30.0			
n-Nonane	0.4128	0.4297 0.3950	0.4004 0.2983	0.4080	0.4333	Ave		0.3968				11.5		30.0			
m,p-Xylene	0.4416	0.3964 0.4344	0.3744 0.3534	0.3799	0.4405	Ave		0.4029				8.9		30.0			
Xylene, o-	0.4290	0.4080 0.4201	0.3806 0.3367	0.3785	0.4345	Ave		0.3982				8.8		30.0			
Styrene	0.6365	0.4537 0.6360	0.4268 0.5219	0.4937	0.6308	Ave		0.5428				16.7		30.0			
Bromoform	0.6022	0.4123 0.6083	0.3871 0.5378	0.4634	0.5591	Ave		0.5100				17.6		30.0			
Cumene	1.2726	1.0691 1.2695	1.0261 1.0315	1.0850	1.2777	Ave		1.1474				10.4		30.0			
1,1,2,2-Tetrachloroethane	0.5700	0.5244 0.5584	0.4929 0.4440	0.5074	0.5874	Ave		0.5264				9.5		30.0			
1,2,3-Trichloropropane	0.4145	0.4021	0.3953 0.3166	0.3714	0.4310	Ave		0.3885				10.4		30.0			
n-Propylbenzene	1.4430	1.1128 1.4283	1.0198 1.0860	1.1260	1.4455	Ave		1.2373				15.5		30.0			
4-Ethyltoluene	1.2725	0.9455 1.2567	0.7906 0.9762	0.9319	1.2719	Ave		1.0636				18.7		30.0			
2-Chlorotoluene	1.0126	0.9420 0.9669	0.8553 0.7316	0.8914	1.0352	Ave		0.9193				11.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	0.4403	0.4076	0.3721 0.2804	0.3520	0.4753	Ave		0.3880				17.8		30.0			
1,3,5-Trimethylbenzene	1.0759	0.7978 1.0697	0.6981 0.8718	0.8060	1.0869	Ave		0.9152				17.5		30.0			
Alpha Methyl Styrene	0.5242	0.3009 0.5349	0.2749 0.4483	0.3482	0.5195	Ave		0.4216				26.5		30.0			
tert-Butylbenzene	1.0831	0.8110 1.0835	0.7414 0.9048	0.8534	1.1028	Ave		0.9400				15.8		30.0			
1,2,4-Trimethylbenzene	1.0393	0.7277 1.0376	0.6381 0.8549	0.7332	1.0518	Ave		0.8689				20.1		30.0			
sec-Butylbenzene	1.5467	1.1313 1.5360	0.9922 1.1158	1.1323	1.5780	Ave		1.2903				19.5		30.0			
4-Isopropyltoluene	1.3196	0.8662 1.3318	0.7883 1.0478	0.8566	1.3164	Ave		1.0752				22.7		30.0			
1,3-Dichlorobenzene	0.7179	0.6050 0.7399	0.5372 0.6627	0.5208	0.6881	Ave		0.6388				13.5		30.0			
1,4-Dichlorobenzene	0.6796	0.5802 0.6985	0.5041 0.6267	0.5001	0.6537	Ave		0.6061				13.3		30.0			
Benzyl chloride	0.6221	0.5292 0.6434	0.4605 0.5170	0.5185	0.6335	Ave		0.5606				12.7		30.0			
n-Butylbenzene	0.9039	0.6514 0.8930	0.6044 0.7741	0.6945	0.8978	Ave		0.7741				16.4		30.0			
n-Undecane	0.3380	0.3307	0.2803	0.3669	0.3660	Ave		0.3364				10.5		30.0			
1,2-Dichlorobenzene	0.6623	0.5610 0.6792	0.4886 0.6062	0.4996	0.6503	Ave		0.5925				13.1		30.0			
n-Dodecane	0.2225	0.2571	0.1585	0.2837	0.2633	Ave		0.2370				20.7		30.0			
1,2,4-Trichlorobenzene	0.2267	0.2537	0.1312 0.2006	0.2477	0.2464	Ave		0.2177				21.4		30.0			
Hexachlorobutadiene	0.3830	0.3322 0.3931	0.2714 0.3822	0.3088	0.3728	Ave		0.3491				13.2		30.0			
Naphthalene	0.4548	0.5334	0.2178 0.3318	0.5398	0.5191	Ave		0.4328				30.3	*	30.0			
1,2,3-Trichlorobenzene	0.1807	0.1420 0.2076	0.1080 0.1574	0.2168	0.2032	Ave		0.1737				22.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51508/3	clf003.d
Level 2	IC 200-51508/4	clf004.d
Level 3	IC 200-51508/5	clf005.d
Level 4	IC 200-51508/6	clf006.d
Level 5	ICIS 200-51508/7	clf007.d
Level 6	IC 200-51508/8	clf008.d
Level 7	IC 200-51508/9	clf009.d
Level 8	IC 200-51508/10	clf010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	754799	995113	31807 1620692	242732	482328	15.0	20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	3305685	4539594	103834 7436131	1019336	2108993	15.0	20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	1609944	2150499	52569 3469412	497873	1010190	15.0	20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	3540268	4886563	45664 103938 7934270	1045533	2211664	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	899615	1227649	32025 1976257	281737	568814	15.0	20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	1488728	2033691	47672 3273879	461298	945117	15.0	20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	3563 1083855	14502 1493881	33776 2425006	322615	676455	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	781135	10423 1063359	24127 1718483	234913	483929	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	1103848	15658 1507806	34159 2489612	323701	678893	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	576052	785779	17261 1296129	169626	352318	15.0	20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	1182167	17034 1599634	36672 2565771	355269	736028	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	1229088	15662 1739592	33937 2919498	329069	734067	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	3466763	44465 4814562	100248 7993220	998430	2108047	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	1811549	2456462	55240 3938973	542604	1137417	15.0	20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	381265	805863	95202 1673636	130056	306440	20.0	40.0	5.00 100	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	711718	10137 993775	21701 1604951	188349	464402	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	359884	507783	772232	87976	229697	15.0	20.0	40.0	5.00	10.0
Freon TF	BCM	Ave	2495720	31512 3514953	69360 5856867	692489	1493828	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	1182431	16025 1669389	33041 2801587	322483	706248	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	1249450	1678388	2848264	304458	781672	15.0	20.0	40.0	5.00	10.0
Carbon disulfide	BCM	Ave	3298274	4576622	93747 7664443	942587	2003767	15.0	20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	996727	1350223	1969361	251891	600720	15.0	20.0	40.0	5.00	10.0
3-Chloropropene	BCM	Ave	1348475	15285 1743808	34745 2665139	380487	893641	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	554091	860219	1280502	152028	363968	15.0	20.0	40.0	5.00	10.0
Methylene Chloride	BCM	Ave	1042783	1411785	38608 2284421	318014	655600	15.0	20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	1446982	2008696	3033279	408165	935177	15.0	20.0	40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	2962601	41421 4194563	85142 6871683	744547	1930845	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	1544530	21533 2099928	47240 3403884	461913	967127	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	680432	947492	19490 1541752	166795	435580	15.0	20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	1712321	22867 2344472	50312 3843527	500871	1060500	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	2004626	26960 2746324	59556 4505216	588115	1245995	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	2195158	3033266	5001304	518693	1420850	15.0	20.0	40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	1325561	18377 1862219	38566 3118052	358900	802838	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	502524	705046	14743 1169801	111184	319006	15.0	20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	100779	141933	241280	20852	63941	15.0	20.0	40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	962953	1334409	2109211	239658	634150	15.0	20.0	40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	2569704	34128 3542970	75140 5875051	736628	1573274	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	2950301	38093 4091306	83454 6832161	835448	1796278	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	1822879	22814 2557384	49892 4252739	505570	1107347	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	9215 3281349	38369 4637211	86315 7883903	892503	1958266	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	3796066	50248 5268006	109569 8647513	1054723	2307306	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	5431487	72810 7426408	160518 11959288	1589316	3373358	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	1529003	19647 2066904	46800 3375520	443079	942652	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	1831770	24549 2491532	55253 3928209	551410	1157705	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	346454	538637	776799	102539	226410	15.0	20.0	40.0	5.00	10.0
Trichloroethene	DFB	Ave	6227 1836435	23576 2562756	50446 4326163	494774	1097576	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	1280203	16490 1740528	37457 2860160	351225	790584	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	1121484	1583024	24352 2660959	225406	707986	15.0	20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	499520	696626	1001529	113210	298685	15.0	20.0	40.0	5.00	10.0
Dibromomethane	DFB	Ave	1828253	19412 2632408	42940 4700540	426180	1042569	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	2895962	33049 3988201	75946 6668668	781539	1755306	15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	2062287	23223 2790165	52830 4751060	500675	1238074	15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	1703925	2340591	46246 4006418	427303	1173123	15.0	20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	2927599	35323 3988053	78404 6775178	707337	1772433	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	2484593	31363 3258500	76874 5174062	696645	1577908	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	2014645	21940 2717465	49823 4637304	443207	1205258	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	1359006	16735 1850121	36939 3122990	336140	824045	15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	8509 3023468	32317 4357217	68729 7850750	703217	1703153	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	 1493262	 2128323	41629 3679715	358357	1011648	 15.0	 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	30667 3363455	71883 4730600	761564 8395353	1961874		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	28361 2756031	64553 3751155	600715 6571139	1605621		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	48338 4217298	104546 5851706	944474 10224987	2490197		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	64894 6128973	150030 8626910	1405301 14710206	3812334		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	26831 2399695	61272 3300334	604690 5262296	1552816		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	49500 5135014	114579 7258046	1125943 12466353	3156998		 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	25480 2494171	58247 3509451	560987 5939141	1557056		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	28330 3700322	65320 5313007	731626 9205452	2260633		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	25745 3500998	59244 5082140	686792 9487442	2003715		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	66762 7398189	157029 10606082	1607978 18196034	4579202		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	32747 3313976	75435 4664812	752011 7832112	2105284		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	 2409747	 3359145	60500 5585522	550454	1544733	 15.0	 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	69491 8389026	156060 11932713	1668704 19155738	5180411		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	59043 7397994	120986 10498628	1381087 17219979	4558116		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	58824 5886923	130893 8077697	1320964 12904426	3709969		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	 2559745	 3405533	56941 4946152	521646	1703559	 15.0	 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	49821 6254744	106824 8936812	1194420 15377993	3895241		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	18791 3047312	42062 4468582	516067 7907655	1861898		 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	50642 6296755	113461 9051725	1264639 15960040	3952137		 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15120-1 Analy Batch No.: 51508

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/03/2013 14:32 Calibration End Date: 02/03/2013 20:40 Calibration ID: 20206

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	6042091	45443 8668416	97653 15080770	1086516	3769326	15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	8992048	70641 12831683	151839 19681779	1678100	5655244	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	7671713	54087 11125813	120628 18482356	1269451	4717777	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	4173554	37779 6181100	82200 11688936	771828	2466173	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	3950676	36233 5835752	77136 11054375	741174	2342791	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	3616918	33045 5374783	70477 9120342	768414	2270437	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	5255084	40676 7460554	92489 13654403	1029156	3217444	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	1965257	2762684	4943911	543684	1311671	15.0	20.0	40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	3850175	35033 5673991	74773 10693584	740465	2330668	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	1293416	2147712	2795561	420496	943583	15.0	20.0	40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	1318056	2119079	20078 3539004	367150	882959	15.0	20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	2226315	20744 3284402	41539 6741049	457700	1336017	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	2643767	4455811	33331 5852455	800004	1860525	15.0	20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	1050747	8864 1734274	16531 2776489	321282	728177	15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-52454/3	gha03.d
Level 2	IC 200-52454/4	gha04.d
Level 3	IC 200-52454/5	gha05.d
Level 4	IC 200-52454/6	gha06.d
Level 5	ICIS 200-52454/7	gha07.d
Level 6	IC 200-52454/8	gha08.d
Level 7	IC 200-52454/9	gha09.d
Level 8	IC 200-52454/10	gha10.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	0.2592	0.2526	0.3104 0.2431	0.2612	0.2595	Ave		0.2643				8.9		30.0			
Dichlorodifluoromethane	1.8649	1.7876	1.9252 1.6450	1.9254	1.8888	Ave		1.8395				5.9		30.0			
Freon 22	0.8077	0.7773	0.8583 0.7336	0.8259	0.8122	Ave		0.8025				5.3		30.0			
1,2-Dichlorotetrafluoroethane	1.8119	1.7393	1.8269 1.5970	1.8869	1.8592	Ave		1.8106				6.4		30.0			
Chloromethane	0.3771	0.3655	0.4172 0.3526	0.3866	0.3740	Ave		0.3788				5.8		30.0			
n-Butane	0.5139	0.4974	0.4974 0.4792	0.5052	0.5159	Ave		0.5015				2.7		30.0			
Vinyl chloride	0.7101 0.4887	0.5460 0.4693	0.5044 0.4475	0.4898	0.4907	Ave		0.5183				15.9		30.0			
1,3-Butadiene	0.2968	0.3088 0.2903	0.2967 0.2793	0.2985	0.2985	Ave		0.2955				3.0		30.0			
Bromomethane	0.6915	0.7756 0.6691	0.7435 0.6348	0.7204	0.7059	Ave		0.7058				6.6		30.0			
Chloroethane	0.2046	0.1993	0.2190 0.1936	0.2029	0.2091	Ave		0.2047				4.3		30.0			
Isopentane	0.3711	0.4259 0.3604	0.3761 0.3497	0.3669	0.3750	Ave		0.3750				6.5		30.0			
Bromoethene(Vinyl Bromide)	0.7650	0.8636 0.7333	0.7942 0.7015	0.7801	0.7741	Ave		0.7731				6.6		30.0			
Trichlorofluoromethane	2.0208	2.2001 1.9155	2.0862 1.8316	2.0898	2.0626	Ave		2.0295				6.0		30.0			
n-Pentane	0.5861	0.5600	0.5222 0.5540	0.5743	0.5810	Ave		0.5629				4.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.1166	0.1203	0.1131 0.1203	0.1080	0.1179	Ave		0.1160				4.1		30.0			
Ethyl ether	0.2620	0.2875 0.2359	0.2568 0.2434	0.2637	0.2519	Ave		0.2573				6.5		30.0			
Acrolein	0.1429	0.1306	0.1389	0.1369	0.1310	Ave		0.1361				3.9		30.0			
Freon TF	1.3851	1.5318 1.3314	1.4165 1.2407	1.4329	1.4091	Ave		1.3925				6.5		30.0			
1,1-Dichloroethene	0.5754	0.6801 0.5474	0.5858 0.5154	0.5920	0.5842	Ave		0.5829				8.7		30.0			
Acetone	0.5349	0.4732	0.4836	0.5616	0.5169	Ave		0.5140				7.1		30.0			
Carbon disulfide	1.6606	1.6244	1.6884 1.5780	1.6832	1.6770	Ave		1.6519				2.6		30.0			
Isopropyl alcohol	0.3999	0.3634	0.3700	0.3666	0.4057	Ave		0.3811				5.3		30.0			
3-Chloropropene	0.4579	0.4613 0.4631	0.3938 0.4308	0.4501	0.4479	Ave		0.4436				5.5		30.0			
Acetonitrile	0.1913	0.2074	0.2124	0.2260	0.1872	Ave		0.2048				7.7		30.0			
Methylene Chloride	0.4836	0.4682	0.5803 0.4537	0.4938	0.4843	Ave		0.4940				9.0		30.0			
tert-Butyl alcohol	0.7254	0.6480	0.6617	0.6497	0.7141	Ave		0.6798				5.5		30.0			
Methyl tert-butyl ether	1.3581	1.4234 1.2185	1.3663 1.2208	1.4029	1.3316	Ave		1.3316				6.2		30.0			
trans-1,2-Dichloroethene	0.7413	0.8496 0.7125	0.7552 0.6751	0.7550	0.7482	Ave		0.7481				7.1		30.0			
Acrylonitrile	0.2515	0.2289	0.2478 0.2405	0.2482	0.2398	Ave		0.2428				3.4		30.0			
n-Hexane	0.5873	0.5614 0.5607	0.5161 0.5554	0.5656	0.5787	Ave		0.5607				4.0		30.0			
1,1-Dichloroethane	0.9628	1.0659 0.9056	0.9708 0.9012	0.9610	0.9531	Ave		0.9601				5.7		30.0			
Vinyl acetate	0.7961	0.7066	0.7756	0.7835	0.7536	Ave		0.7631				4.6		30.0			
cis-1,2-Dichloroethene	0.8233	0.9409 0.7675	0.8695 0.7520	0.8328	0.8158	Ave		0.8288				7.6		30.0			
Methyl Ethyl Ketone	0.2199	0.1956	0.2059 0.2031	0.2204	0.2146	Ave		0.2099				4.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0385	0.0344	0.0364	0.0389	0.0370	Ave		0.0371				4.9		30.0			
Tetrahydrofuran	0.0682	0.0615	0.0630	0.0676	0.0707	Ave		0.0662				5.8		30.0			
Chloroform	1.7978	2.1378 1.6451	1.8998 1.6672	1.8617	1.7823	Ave		1.8274				9.1		30.0			
1,1,1-Trichloroethane	0.3566	0.3790 0.3508	0.3701 0.3197	0.3635	0.3846	Ave		0.3606				6.0		30.0			
Cyclohexane	0.1679	0.1746 0.1650	0.1683 0.1497	0.1715	0.1809	Ave		0.1683				5.8		30.0			
Carbon tetrachloride	0.5111 0.4274	0.4283 0.4219	0.4094 0.3927	0.4239	0.4574	Ave		0.4340				8.3		30.0			
Benzene	0.4194	0.5081 0.3868	0.4812 0.3866	0.4371	0.4373	Ave		0.4366				10.4		30.0			
2,2,4-Trimethylpentane	0.5209	0.5672 0.5053	0.5366 0.4664	0.5196	0.5586	Ave		0.5249				6.5		30.0			
1,2-Dichloroethane	0.1936	0.2165 0.1714	0.2137 0.1777	0.1998	0.1947	Ave		0.1953				8.6		30.0			
n-Heptane	0.1714	0.1869 0.1597	0.1806 0.1546	0.1742	0.1784	Ave		0.1723				6.7		30.0			
n-Butanol	0.0530	0.0518	0.0533	0.0416	0.0537	Ave		0.0507				10.1		30.0			
Trichloroethene	0.4128 0.2713	0.3278 0.2457	0.2983 0.2419	0.2878	0.2866	Ave		0.2965				18.4		30.0			
1,2-Dichloropropane	0.1924	0.2015 0.1749	0.1965 0.1797	0.1923	0.1914	Ave		0.1898				4.9		30.0			
Methyl methacrylate	0.1507	0.1387	0.0978 0.1430	0.1414	0.1529	Ave		0.1374				14.7		30.0			
1,4-Dioxane	0.0814	0.0769	0.0738	0.0735	0.0929	Ave		0.0797				10.1		30.0			
Dibromomethane	0.2374	0.2632 0.2105	0.2508 0.2051	0.2501	0.2474	Ave		0.2378				9.2		30.0			
Bromodichloromethane	0.4553	0.4291 0.4087	0.4276 0.4397	0.4494	0.4446	Ave		0.4363				3.6		30.0			
cis-1,3-Dichloropropene	0.2863	0.2900 0.2489	0.2821 0.2735	0.2887	0.2769	Ave		0.2781				5.1		30.0			
methyl isobutyl ketone	0.2710	0.2495	0.2062 0.2467	0.2678	0.2792	Ave		0.2534				10.4		30.0			
Toluene	0.4111	0.4836 0.3665	0.4268 0.3928	0.4317	0.4133	Ave		0.4180				8.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	0.3125	0.3369 0.2765	0.3281 0.2676	0.3167	0.3182	Ave		0.3081				8.4		30.0			
trans-1,3-Dichloropropene	0.2622	0.2349 0.2307	0.2280 0.2515	0.2629	0.2558	Ave		0.2466				6.1		30.0			
1,1,2-Trichloroethane	0.1997	0.2137 0.1796	0.2025 0.1954	0.2166	0.2027	Ave		0.2015				6.1		30.0			
Tetrachloroethene	0.3463	0.4860 0.3063	0.4090 0.3289	0.3766	0.3557	Ave		0.3727				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	0.2181	0.2052	0.1277 0.2080	0.2070	0.2274	Ave		0.1989				18.0		30.0			
Dibromochloromethane	0.4472	0.3720 0.4042	0.3637 0.4585	0.4509	0.4422	Ave		0.4198				9.4		30.0			
1,2-Dibromoethane	0.3538	0.3543 0.3080	0.3472 0.3460	0.3803	0.3538	Ave		0.3491				6.1		30.0			
Chlorobenzene	0.5407	0.6343 0.4838	0.5785 0.5394	0.5783	0.5531	Ave		0.5583				8.3		30.0			
Ethylbenzene	0.7981	0.7932 0.7235	0.7576 0.7762	0.8382	0.8318	Ave		0.7884				5.1		30.0			
n-Nonane	0.2758	0.2884 0.2474	0.2841 0.2444	0.3062	0.3043	Ave		0.2787				8.9		30.0			
m,p-Xylene	0.3300	0.3336 0.3022	0.3161 0.3107	0.3483	0.3499	Ave		0.3272				5.6		30.0			
Xylene, o-	0.3507	0.3597 0.3255	0.3273 0.3406	0.3659	0.3701	Ave		0.3485				5.2		30.0			
Styrene	0.4258	0.2740 0.4066	0.2901 0.4524	0.4127	0.4457	Ave		0.3867				19.0		30.0			
Bromoform	0.3484	0.2339 0.3200	0.2377 0.3393	0.3494	0.3551	Ave		0.3120				17.1		30.0			
Cumene	0.9533	0.9422 0.8908	0.8939 0.9428	0.9868	1.0086	Ave		0.9455				4.6		30.0			
1,1,2,2-Tetrachloroethane	0.4845	0.4435 0.4457	0.4198 0.4746	0.5009	0.5148	Ave		0.4691				7.3		30.0			
1,2,3-Trichloropropane	0.3267	0.3012	0.2867 0.3180	0.3399	0.3452	Ave		0.3196				7.1		30.0			
n-Propylbenzene	0.9991	0.7869 0.9536	0.8192 1.0017	1.0160	1.0697	Ave		0.9495				11.2		30.0			
2-Chlorotoluene	0.6922	0.6691 0.6392	0.6485 0.6259	0.7173	0.7490	Ave		0.6773				6.6		30.0			
4-Ethyltoluene	0.8350	0.6404 0.7904	0.6666 0.7781	0.8428	0.8996	Ave		0.7790				12.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	0.2820	0.2764	0.2432 0.2790	0.3070	0.3196	Ave		0.2845				9.4		30.0			
1,3,5-Trimethylbenzene	0.7247	0.6076 0.6971	0.6561 0.7386	0.7446	0.7906	Ave		0.7085				8.6		30.0			
Alpha Methyl Styrene	0.3374	0.1612 0.3447	0.1663 0.3824	0.2949	0.3650	Ave		0.2931				31.5	*	30.0			
tert-Butylbenzene	0.7542	0.7245 0.6992	0.7290 0.7320	0.8034	0.8128	Ave		0.7507				5.7		30.0			
1,2,4-Trimethylbenzene	0.6648	0.5085 0.6601	0.5395 0.7000	0.6684	0.7472	Ave		0.6412				13.4		30.0			
sec-Butylbenzene	1.0393	0.9059 0.9797	0.9290 1.0019	1.1053	1.1416	Ave		1.0147				8.6		30.0			
4-Isopropyltoluene	0.8318	0.6650 0.7969	0.6690 0.7663	0.8676	0.9263	Ave		0.7890				12.4		30.0			
1,3-Dichlorobenzene	0.3967	0.3440 0.3935	0.3272 0.3779	0.3923	0.4431	Ave		0.3821				9.9		30.0			
1,4-Dichlorobenzene	0.3658	0.3022 0.3790	0.2746 0.4222	0.3419	0.4004	Ave		0.3552				14.8		30.0			
Benzyl chloride	0.3965	0.2329 0.4168	0.2011 0.4878	0.3354	0.4163	Ave		0.3553				29.5		30.0			
n-Butylbenzene	0.5758	0.3612 0.6020	0.3806 0.6363	0.5509	0.6526	Ave		0.5371				22.1		30.0			
n-Undecane	0.1859	0.2175	0.2248	0.2148	0.2164	Ave		0.2119				7.1		30.0			
1,2-Dichlorobenzene	0.4150	0.3477 0.4213	0.3348 0.4426	0.3958	0.4631	Ave		0.4029				11.7		30.0			
n-Dodecane	0.1038	0.1271	0.1138	0.1115	0.0707	Ave		0.1054				20.0		30.0			
1,2,4-Trichlorobenzene	0.0943	0.1327	0.0549 0.1415	0.0748	0.1186	Ave		0.1028				33.1	*	30.0			
Hexachlorobutadiene	0.1722	0.1842 0.1727	0.1704 0.1536	0.1923	0.1991	Ave		0.1778				8.6		30.0			
Naphthalene	0.2460	0.3553	0.1550 0.3671	0.1747	0.3198	Ave		0.2696				34.0	*	30.0			
1,2,3-Trichlorobenzene	0.0974	0.0586 0.1385	0.0681 0.1333	0.0802	0.1241	Ave		0.1000				32.4	*	30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-52454/3	gha03.d
Level 2	IC 200-52454/4	gha04.d
Level 3	IC 200-52454/5	gha05.d
Level 4	IC 200-52454/6	gha06.d
Level 5	ICIS 200-52454/7	gha07.d
Level 6	IC 200-52454/8	gha08.d
Level 7	IC 200-52454/9	gha09.d
Level 8	IC 200-52454/10	gha10.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	265706	348644	10776 683157	91247	178883	15.0	20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	1911874	2467057	66831 4622739	672514	1302070	15.0	20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	828024	1072662	29796 2061571	288469	559931	15.0	20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	1857506	27528 2400334	63419 4487868	659045	1281694	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	386580	504418	14481 990973	135025	257822	15.0	20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	526847	686472	17268 1346733	176455	355654	15.0	20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1990 500989	7695 647703	17510 1257633	171080	338252	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	304319	4352 400576	10298 784999	104256	205752	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	708931	10932 923454	25810 1783952	251630	486613	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	209770	274998	7601 543966	70878	144180	15.0	20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	380482	6003 497307	13057 982740	128150	258491	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	784296	12172 1011970	27569 1971331	272476	533643	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	2071614	31009 2643513	72418 5146992	729921	1421885	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	600840	772876	18126 1556826	200606	400527	15.0	20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	159407	331991	39261 845444	75419	121875	20.0	40.0	5.00 100	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	268583	4052 325495	8914 683964	92102	173635	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	146530	180287	390220	47821	90327	15.0	20.0	40.0	5.00	10.0
Freon TF	BCM	Ave	1419964	21589 1837358	49173 3486412	500477	971402	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	589846	9586 755420	20334 1448242	206774	402766	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	548387	653028	1359031	196158	356319	15.0	20.0	40.0	5.00	10.0
Carbon disulfide	BCM	Ave	1702425	2241705	58609 4434234	587923	1156073	15.0	20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	409944	501458	1039640	128057	279701	15.0	20.0	40.0	5.00	10.0
3-Chloropropene	BCM	Ave	469443	6502 639172	13669 1210700	157210	308777	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	196084	286192	596793	78942	129050	15.0	20.0	40.0	5.00	10.0
Methylene Chloride	BCM	Ave	495738	646199	20143 1275031	172477	333837	15.0	20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	743644	894318	1859451	226940	492300	15.0	20.0	40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	1392277	20062 1681573	47428 3430584	489996	917974	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	759980	11974 983274	26214 1897117	263703	515790	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	257830	315843	8602 675862	86708	165308	15.0	20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	602067	7913 773743	17914 1560735	197553	398933	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	987009	15023 1249827	33699 2532566	335656	657036	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	816115	975185	2179479	273651	519527	15.0	20.0	40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	843977	13261 1059163	30182 2113215	290870	562364	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	225429	269907	7149 570696	76977	147945	15.0	20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	39492	47459	102357	13601	25514	15.0	20.0	40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	422939	502786	1084554	142662	275517	15.0	20.0	40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	1843079	30131 2270269	65948 4685042	650274	1228693	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	2209956	32384 2865705	75330 5503570	766742	1498793	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	1040262	14917 1347641	34248 2576882	361773	705015	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	9174 2648808	36600 3446200	83315 6760345	893983	1782848	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	2599088	43420 3159713	97924 6654861	921980	1704333	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	3228146	48470 4127635	109212 8028691	1095909	2176906	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	1199560	18496 1399907	43485 3059385	421302	758792	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	1062150	15973 1304442	36755 2661685	367479	695467	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	328400	423439	917767	87697	209480	15.0	20.0	40.0	5.00	10.0
Trichloroethene	DFB	Ave	7409 1681150	28008 2007345	60712 4164576	607061	1116848	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	1192700	17217 1428561	40001 3094048	405550	745969	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	934255	1132877	19901 2462488	298155	595885	15.0	20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	504177	628016	1270359	155053	362171	15.0	20.0	40.0	5.00	10.0
Dibromomethane	DFB	Ave	1471129	22488 1719517	51048 3531323	527450	964103	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	2821704	36663 3338365	87024 7569762	947746	1732838	15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	1774586	24777 2033310	57414 4707553	608994	1079057	15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	1679498	2038214	41966 4246250	564770	1088121	15.0	20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	2724753	40788 3209451	89684 7113793	928697	1683994	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	1936953	28791 2258739	66765 4606324	667901	1240188	15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	1624993	20069 1884290	46400 4329444	554395	996947	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	1323470	18026 1573258	42548 3537922	465952	825837	15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	2295249	40990 2682554	85950 5955786	810131	1449116	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	1445518	1797371	26842 3767416	445320	926546	15.0	20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	2963869	31374 3539761	76422 8304221	969981	1801690	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	2345347	29882 2697687	72955 6265741	818233	1441486	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	3584058	53494 4236580	121562 9769785	1244076	2253216	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	5289808	66897 6335813	159196 14057697	1803316	3388930	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	1827721	24326 2166679	59697 4425472	658719	1239835	15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	4373938	56276 5293386	132842 11253560	1498473	2850946	30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	2324451	30334 2850807	68765 6169173	787079	1507702	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	2822146	23108 3560972	60950 8192742	887920	1815614	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	2309395	19726 2802572	49944 6145838	751765	1446888	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	6318735	79464 7801428	187837 17074852	2122975	4109109	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	3211184	37408 3903117	88213 8595482	1077667	2097236	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	2165734	2637955	60232 5758384	731309	1406352	15.0	20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	6622409	66364 8351573	172139 18141386	2185752	4358011	15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	4587883	56432 5598326	136266 11335240	1543188	3051451	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	5534520	54009 6921897	140073 14092196	1813198	3665065	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	1869068	2420548	51104 5052073	660558	1301942	15.0	20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	4803383	51248 6105384	137865 13376375	1601845	3221120	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	2236326	13595 3018986	34945 6925785	634475	1487040	15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	4998742	61109 6123426	153181 13256167	1728339	3311243	15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15297-1 Analy Batch No.: 52454

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 16:59 Calibration End Date: 02/27/2013 22:53 Calibration ID: 20664

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	4406199	42887 5780824	113359 12678031	1437898	3044258	15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	6888683	76401 8579696	195206 18145619	2377798	4650921	15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	5513595	56088 6979389	140571 13878712	1866543	3773998	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	2629535	29015 3446039	68755 6843900	843903	1805359	15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	2424556	25491 3319346	57703 7646027	735489	1631051	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	2628031	19643 3650055	42251 8833925	721652	1696213	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	3816238	30460 5272213	79981 11523478	1185242	2658623	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	1232049	1904643	4071199	462140	881447	15.0	20.0	40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	2750390	29325 3690031	70356 8016406	851436	1886547	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	687955	1113419	2061494	239800	288191	15.0	20.0	40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	625080	1162349	11529 2562619	160871	483017	15.0	20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	1141480	15535 1512134	35815 2781295	413685	811093	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	1630822	3111457	32563 6647800	375756	1302971	15.0	20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	645637	4944 1212870	14312 2414880	172560	505716	15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab Sample ID: CCVIS 200-51776/2 Calibration Date: 02/11/2013 09:40

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzn002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2524		12.7	10.0	26.7	30.0
Dichlorodifluoromethane	Ave	1.522	1.963		12.9	10.0	28.9	30.0
Freon 22	Ave	0.6406	0.8154		12.7	10.0	27.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.923		12.7	10.0	27.1	30.0
Chloromethane	Ave	0.3185	0.3890		12.2	10.0	22.1	30.0
n-Butane	Ave	0.4234	0.5098		12.0	10.0	20.4	30.0
Vinyl chloride	Ave	0.4225	0.4997		11.8	10.0	18.3	30.0
1,3-Butadiene	Ave	0.2549	0.2981		11.7	10.0	17.0	30.0
Bromomethane	Ave	0.5783	0.7116		12.3	10.0	23.0	30.0
Chloroethane	Ave	0.1714	0.2058		12.0	10.0	20.1	30.0
Isopentane	Ave	0.3263	0.3596		11.0	10.0	10.2	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.8207		12.3	10.0	22.8	30.0
Trichlorofluoromethane	Ave	1.807	2.226		12.3	10.0	23.2	30.0
n-Pentane	Ave	0.4912	0.5781		11.8	10.0	17.7	30.0
Ethanol	Ave	0.1066	0.1113		15.7	15.0	4.4	30.0
Ethyl ether	Ave	0.2154	0.2610		12.1	10.0	21.2	30.0
Acrolein	Ave	0.1073	0.1332		12.4	10.0	24.2	30.0
Freon TF	Ave	1.224	1.489		12.2	10.0	21.7	30.0
1,1-Dichloroethene	Ave	0.5156	0.6100		11.8	10.0	18.3	30.0
Acetone	Ave	0.4613	0.5354		11.6	10.0	16.1	30.0
Carbon disulfide	Ave	1.483	1.752		11.8	10.0	18.1	30.0
Isopropyl alcohol	Ave	0.3165	0.3937		12.4	10.0	24.4	30.0
3-Chloropropene	Ave	0.3779	0.4621		12.2	10.0	22.3	30.0
Acetonitrile	Ave	0.1921	0.2408		12.5	10.0	25.4	30.0
Methylene Chloride	Ave	0.4238	0.4870		11.5	10.0	14.9	30.0
tert-Butyl alcohol	Ave	0.5897	0.7289		12.4	10.0	23.6	30.0
Methyl tert-butyl ether	Ave	1.153	1.380		12.0	10.0	19.7	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7547		11.7	10.0	16.8	30.0
Acrylonitrile	Ave	0.2076	0.2478		11.9	10.0	19.4	30.0
n-Hexane	Ave	0.5077	0.5780		11.4	10.0	13.9	30.0
1,1-Dichloroethane	Ave	0.8423	0.9664		11.5	10.0	14.7	30.0
Vinyl acetate	Ave	0.6408	0.7373		11.5	10.0	15.1	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8411		10.9	10.0	8.9	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2178		11.0	10.0	10.0	30.0
Ethyl acetate	Ave	0.0331	0.0367		11.1	10.0	10.7	30.0
Tetrahydrofuran	Ave	0.0596	0.0679		11.4	10.0	14.0	30.0
Chloroform	Ave	1.650	1.815		11.0	10.0	10.0	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3957		11.4	10.0	13.5	30.0
Cyclohexane	Ave	0.1669	0.1796		10.8	10.0	7.6	30.0
Carbon tetrachloride	Ave	0.4289	0.4905		11.4	10.0	14.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab Sample ID: CCVIS 200-51776/2 Calibration Date: 02/11/2013 09:40

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzn002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4341		10.9	10.0	9.3	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5241		11.2	10.0	12.5	30.0
1,2-Dichloroethane	Ave	0.1656	0.1926		11.6	10.0	16.3	30.0
n-Heptane	Ave	0.1483	0.1674		11.3	10.0	12.9	30.0
n-Butanol	Ave	0.0422	0.0471		11.1	10.0	11.5	30.0
Trichloroethene	Ave	0.2646	0.3014		11.4	10.0	13.9	30.0
1,2-Dichloropropane	Ave	0.1645	0.1830		11.1	10.0	11.2	30.0
Methyl methacrylate	Ave	0.1231	0.1460		11.9	10.0	18.6	30.0
1,4-Dioxane	Ave	0.0667	0.0878		13.2	10.0	31.8*	30.0
Dibromomethane	Ave	0.2780	0.3416		12.3	10.0	22.9	30.0
Bromodichloromethane	Ave	0.4016	0.4612		11.5	10.0	14.8	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2900		11.7	10.0	17.1	30.0
methyl isobutyl ketone	Ave	0.2078	0.2488		12.0	10.0	19.7	30.0
Toluene	Ave	0.3723	0.4090		11.0	10.0	9.9	30.0
n-Octane	Ave	0.2581	0.2908		11.3	10.0	12.7	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2695		12.5	10.0	24.6	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1893		11.1	10.0	11.0	30.0
Tetrachloroethene	Ave	0.4038	0.4404		10.9	10.0	9.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1837		11.4	10.0	14.2	30.0
Dibromochloromethane	Ave	0.4154	0.4943		11.9	10.0	19.0	30.0
1,2-Dibromoethane	Ave	0.3255	0.3789		11.6	10.0	16.4	30.0
Chlorobenzene	Ave	0.5251	0.5970		11.4	10.0	13.7	30.0
Ethylbenzene	Ave	0.6987	0.8159		11.7	10.0	16.8	30.0
n-Nonane	Ave	0.2310	0.2649		11.5	10.0	14.7	30.0
m,p-Xylene	Ave	0.2963	0.3531		23.8	20.0	19.2	30.0
Xylene, o-	Ave	0.3217	0.3822		11.9	10.0	18.8	30.0
Styrene	Ave	0.3834	0.4621		12.1	10.0	20.5	30.0
Bromoform	Ave	0.3278	0.4195		12.8	10.0	28.0	30.0
Cumene	Ave	0.8597	1.024		11.9	10.0	19.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4797		11.9	10.0	18.6	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.3152		11.6	10.0	16.2	30.0
n-Propylbenzene	Ave	0.8245	1.015		12.3	10.0	23.1	30.0
2-Chlorotoluene	Ave	0.5927	0.7172		12.1	10.0	21.0	30.0
4-Ethyltoluene	Ave	0.6952	0.8916		12.8	10.0	28.2	30.0
n-Decane	Ave	0.2492	0.2953		11.9	10.0	18.5	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.8228		12.3	10.0	23.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3846		12.8	10.0	28.5	30.0
tert-Butylbenzene	Ave	0.7105	0.8641		12.2	10.0	21.6	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.7728		12.5	10.0	25.3	30.0
sec-Butylbenzene	Ave	0.9477	1.183		12.5	10.0	24.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Lab Sample ID: CCVIS 200-51776/2 Calibration Date: 02/11/2013 09:40

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzn002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.9676		13.1	10.0	30.7*	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4676		12.8	10.0	28.0	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.4404		12.4	10.0	24.2	30.0
Benzyl chloride	Ave	0.2868	0.3774		13.2	10.0	31.6*	30.0
n-Butylbenzene	Ave	0.5055	0.6495		12.8	10.0	28.5	30.0
n-Undecane	Ave	0.2168	0.2326		10.7	10.0	7.3	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.5091		12.6	10.0	26.4	30.0
n-Dodecane	Ave	0.1342	0.1502		11.2	10.0	12.0	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1394		10.9	10.0	9.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2553		11.8	10.0	17.9	30.0
Naphthalene	Ave	0.3306	0.3559		10.8	10.0	7.7	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1539		11.6	10.0	15.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2737		13.7	10.0	37.4*	30.0
Dichlorodifluoromethane	Ave	1.522	2.039		13.4	10.0	34.0*	30.0
Freon 22	Ave	0.6406	0.8562		13.4	10.0	33.7*	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.999		13.2	10.0	32.1*	30.0
Chloromethane	Ave	0.3185	0.4153		13.0	10.0	30.4*	30.0
n-Butane	Ave	0.4234	0.5484		12.9	10.0	29.5	30.0
Vinyl chloride	Ave	0.4225	0.5332		12.6	10.0	26.2	30.0
1,3-Butadiene	Ave	0.2549	0.3218		12.6	10.0	26.2	30.0
Bromomethane	Ave	0.5783	0.7635		13.2	10.0	32.0*	30.0
Chloroethane	Ave	0.1714	0.2300		13.4	10.0	34.2*	30.0
Isopentane	Ave	0.3263	0.4004		12.3	10.0	22.7	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.8560		12.8	10.0	28.0	30.0
Trichlorofluoromethane	Ave	1.807	2.333		12.9	10.0	29.1	30.0
n-Pentane	Ave	0.4912	0.6305		12.8	10.0	28.4	30.0
Ethanol	Ave	0.1066	0.1225		17.2	15.0	14.8	30.0
Ethyl ether	Ave	0.2154	0.2819		13.1	10.0	30.9*	30.0
Acrolein	Ave	0.1073	0.1445		13.5	10.0	34.6*	30.0
Freon TF	Ave	1.224	1.537		12.6	10.0	25.6	30.0
1,1-Dichloroethene	Ave	0.5156	0.6308		12.2	10.0	22.3	30.0
Acetone	Ave	0.4613	0.5904		12.8	10.0	28.0	30.0
Carbon disulfide	Ave	1.483	1.823		12.3	10.0	23.0	30.0
Isopropyl alcohol	Ave	0.3165	0.4186		13.2	10.0	32.3*	30.0
3-Chloropropene	Ave	0.3779	0.4519		12.0	10.0	19.6	30.0
Acetonitrile	Ave	0.1921	0.2429		12.6	10.0	26.5	30.0
Methylene Chloride	Ave	0.4238	0.5191		12.2	10.0	22.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.7298		12.4	10.0	23.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.507		13.1	10.0	30.7*	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7961		12.3	10.0	23.2	30.0
Acrylonitrile	Ave	0.2076	0.2727		13.1	10.0	31.4*	30.0
n-Hexane	Ave	0.5077	0.6193		12.2	10.0	22.0	30.0
1,1-Dichloroethane	Ave	0.8423	1.035		12.3	10.0	22.9	30.0
Vinyl acetate	Ave	0.6408	0.8147		12.7	10.0	27.1	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8540		11.1	10.0	10.5	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2202		11.1	10.0	11.3	30.0
Ethyl acetate	Ave	0.0331	0.0382		11.5	10.0	15.2	30.0
Tetrahydrofuran	Ave	0.0596	0.0676		11.4	10.0	13.6	30.0
Chloroform	Ave	1.650	1.910		11.6	10.0	15.8	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3781		10.8	10.0	8.5	30.0
Cyclohexane	Ave	0.1669	0.1682		10.1	10.0	0.8	30.0
Carbon tetrachloride	Ave	0.4289	0.4604		10.7	10.0	7.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4251		10.7	10.0	7.1	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4902		10.5	10.0	5.2	30.0
1,2-Dichloroethane	Ave	0.1656	0.1992		12.0	10.0	20.3	30.0
n-Heptane	Ave	0.1483	0.1601		10.8	10.0	8.0	30.0
n-Butanol	Ave	0.0422	0.0407		9.63	10.0	-3.7	30.0
Trichloroethene	Ave	0.2646	0.2964		11.2	10.0	12.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1835		11.2	10.0	11.5	30.0
Methyl methacrylate	Ave	0.1231	0.1401		11.4	10.0	13.8	30.0
1,4-Dioxane	Ave	0.0667	0.0857		12.8	10.0	28.5	30.0
Dibromomethane	Ave	0.2780	0.3265		11.7	10.0	17.5	30.0
Bromodichloromethane	Ave	0.4016	0.4842		12.1	10.0	20.6	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2994		12.1	10.0	20.9	30.0
methyl isobutyl ketone	Ave	0.2078	0.2352		11.3	10.0	13.2	30.0
Toluene	Ave	0.3723	0.3995		10.7	10.0	7.3	30.0
n-Octane	Ave	0.2581	0.2825		10.9	10.0	9.4	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2710		12.5	10.0	25.3	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1865		10.9	10.0	9.4	30.0
Tetrachloroethene	Ave	0.4038	0.4355		10.8	10.0	7.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1691		10.5	10.0	5.1	30.0
Dibromochloromethane	Ave	0.4154	0.4855		11.7	10.0	16.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3796		11.7	10.0	16.6	30.0
Chlorobenzene	Ave	0.5251	0.5765		11.0	10.0	9.8	30.0
Ethylbenzene	Ave	0.6987	0.7813		11.2	10.0	11.8	30.0
n-Nonane	Ave	0.2310	0.2474		10.7	10.0	7.1	30.0
m,p-Xylene	Ave	0.2963	0.3307		22.3	20.0	11.6	30.0
Xylene, o-	Ave	0.3217	0.3554		11.0	10.0	10.5	30.0
Styrene	Ave	0.3834	0.4316		11.3	10.0	12.6	30.0
Bromoform	Ave	0.3278	0.3906		11.9	10.0	19.2	30.0
Cumene	Ave	0.8597	0.9752		11.3	10.0	13.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4495		11.1	10.0	11.1	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.3037		11.2	10.0	12.0	30.0
n-Propylbenzene	Ave	0.8245	0.9556		11.6	10.0	15.9	30.0
2-Chlorotoluene	Ave	0.5927	0.6728		11.4	10.0	13.5	30.0
4-Ethyltoluene	Ave	0.6952	0.8209		11.8	10.0	18.1	30.0
n-Decane	Ave	0.2492	0.2611		10.5	10.0	4.8	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7588		11.4	10.0	13.7	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3485		11.6	10.0	16.4	30.0
tert-Butylbenzene	Ave	0.7105	0.8018		11.3	10.0	12.8	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.7046		11.4	10.0	14.2	30.0
sec-Butylbenzene	Ave	0.9477	1.083		11.4	10.0	14.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Lab Sample ID: CCVIS 200-51845/2 Calibration Date: 02/13/2013 09:32

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzp002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8628		11.6	10.0	16.5	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4242		11.6	10.0	16.1	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.4023		11.3	10.0	13.4	30.0
Benzyl chloride	Ave	0.2868	0.3450		12.0	10.0	20.3	30.0
n-Butylbenzene	Ave	0.5055	0.5724		11.3	10.0	13.2	30.0
n-Undecane	Ave	0.2168	0.1836		8.47	10.0	-15.3	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4592		11.4	10.0	14.0	30.0
n-Dodecane	Ave	0.1342	0.0951		7.09	10.0	-29.1	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1076		8.42	10.0	-15.8	30.0
Hexachlorobutadiene	Ave	0.2166	0.2248		10.4	10.0	3.8	30.0
Naphthalene	Ave	0.3306	0.2457		7.43	10.0	-25.7	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1127		8.48	10.0	-15.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: CCVIS 200-52056/4 Calibration Date: 02/18/2013 11:17

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzs004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2491		12.5	10.0	25.1	30.0
Dichlorodifluoromethane	Ave	1.522	1.932		12.7	10.0	26.9	30.0
Freon 22	Ave	0.6406	0.8059		12.6	10.0	25.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.907		12.6	10.0	26.0	30.0
Chloromethane	Ave	0.3185	0.3790		11.9	10.0	19.0	30.0
n-Butane	Ave	0.4234	0.5128		12.1	10.0	21.1	30.0
Vinyl chloride	Ave	0.4225	0.4988		11.8	10.0	18.1	30.0
1,3-Butadiene	Ave	0.2549	0.2968		11.6	10.0	16.4	30.0
Bromomethane	Ave	0.5783	0.7076		12.2	10.0	22.4	30.0
Chloroethane	Ave	0.1714	0.2023		11.8	10.0	18.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.8005		12.0	10.0	19.7	30.0
Trichlorofluoromethane	Ave	1.807	2.192		12.1	10.0	21.3	30.0
Ethanol	Ave	0.1066	0.1231		17.3	15.0	15.4	30.0
Freon TF	Ave	1.224	1.444		11.8	10.0	18.0	30.0
1,1-Dichloroethene	Ave	0.5156	0.5905		11.4	10.0	14.5	30.0
Acetone	Ave	0.4613	0.5391		11.7	10.0	16.9	30.0
Carbon disulfide	Ave	1.483	1.692		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.3165	0.4204		13.3	10.0	32.8*	30.0
3-Chloropropene	Ave	0.3779	0.4108		10.9	10.0	8.7	30.0
Methylene Chloride	Ave	0.4238	0.4872		11.5	10.0	15.0	30.0
tert-Butyl alcohol	Ave	0.5897	0.7430		12.6	10.0	26.0	30.0
Methyl tert-butyl ether	Ave	1.153	1.358		11.8	10.0	17.8	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7573		11.7	10.0	17.2	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9794		11.6	10.0	16.3	30.0
Vinyl acetate	Ave	0.6408	0.7344		11.5	10.0	14.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8077		10.5	10.0	4.5	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2070		10.5	10.0	4.6	30.0
Ethyl acetate	Ave	0.0331	0.0356		10.7	10.0	7.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0611		10.3	10.0	2.6	30.0
Chloroform	Ave	1.650	1.825		11.1	10.0	10.6	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3652		10.5	10.0	4.8	30.0
Cyclohexane	Ave	0.1669	0.1616		9.68	10.0	-3.2	30.0
Carbon tetrachloride	Ave	0.4289	0.4486		10.5	10.0	4.6	30.0
Benzene	Ave	0.3970	0.4050		10.2	10.0	2.0	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4710		10.1	10.0	1.1	30.0
1,2-Dichloroethane	Ave	0.1656	0.1900		11.5	10.0	14.7	30.0
n-Heptane	Ave	0.1483	0.1529		10.3	10.0	3.1	30.0
Trichloroethene	Ave	0.2646	0.2902		11.0	10.0	9.7	30.0
1,2-Dichloropropane	Ave	0.1645	0.1725		10.5	10.0	4.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Lab Sample ID: CCVIS 200-52056/4 Calibration Date: 02/18/2013 11:17

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzs004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl methacrylate	Ave	0.1231	0.1302		10.6	10.0	5.7	30.0
1,4-Dioxane	Ave	0.0667	0.0876		13.1	10.0	31.4*	30.0
Bromodichloromethane	Ave	0.4016	0.4602		11.5	10.0	14.6	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2764		11.2	10.0	11.6	30.0
methyl isobutyl ketone	Ave	0.2078	0.2204		10.6	10.0	6.1	30.0
Toluene	Ave	0.3723	0.3998		10.7	10.0	7.4	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2536		11.7	10.0	17.2	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1819		10.7	10.0	6.7	30.0
Tetrachloroethene	Ave	0.4038	0.4389		10.9	10.0	8.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1673		10.4	10.0	4.0	30.0
Dibromochloromethane	Ave	0.4154	0.4867		11.7	10.0	17.2	30.0
1,2-Dibromoethane	Ave	0.3255	0.3763		11.6	10.0	15.6	30.0
Chlorobenzene	Ave	0.5251	0.5776		11.0	10.0	10.0	30.0
Ethylbenzene	Ave	0.6987	0.7656		11.0	10.0	9.6	30.0
m,p-Xylene	Ave	0.2963	0.3266		22.0	20.0	10.2	30.0
Xylene, o-	Ave	0.3217	0.3481		10.8	10.0	8.2	30.0
Styrene	Ave	0.3834	0.4246		11.1	10.0	10.8	30.0
Bromoform	Ave	0.3278	0.3974		12.1	10.0	21.3	30.0
Cumene	Ave	0.8597	0.9461		11.0	10.0	10.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4296		10.6	10.0	6.2	30.0
n-Propylbenzene	Ave	0.8245	0.9046		11.0	10.0	9.7	30.0
2-Chlorotoluene	Ave	0.5927	0.6624		11.2	10.0	11.8	30.0
4-Ethyltoluene	Ave	0.6952	0.7978		11.5	10.0	14.7	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7268		10.9	10.0	8.9	30.0
tert-Butylbenzene	Ave	0.7105	0.7843		11.0	10.0	10.4	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6716		10.9	10.0	8.9	30.0
sec-Butylbenzene	Ave	0.9477	1.046		11.0	10.0	10.3	30.0
4-Isopropyltoluene	Ave	0.7405	0.8350		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4224		11.6	10.0	15.6	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3943		11.1	10.0	11.2	30.0
Benzyl chloride	Ave	0.2868	0.3392		11.8	10.0	18.3	30.0
n-Butylbenzene	Ave	0.5055	0.5282		10.4	10.0	4.5	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4494		11.2	10.0	11.5	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.0963		7.54	10.0	-24.6	30.0
Hexachlorobutadiene	Ave	0.2166	0.2042		9.43	10.0	-5.7	30.0
Naphthalene	Ave	0.3306	0.2048		6.19	10.0	-38.1*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: ICV 200-51508/15 Calibration Date: 02/04/2013 09:47

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clf015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7050	0.6475		9.18	10.0	-8.2	30.0
Dichlorodifluoromethane	Ave	2.905	2.905		10.0	10.0	0.0	30.0
Freon 22	Ave	1.409	1.401		9.94	10.0	-0.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.107	3.134		10.1	10.0	0.9	30.0
Chloromethane	Ave	0.8091	0.7997		9.88	10.0	-1.2	30.0
n-Butane	Ave	1.309	1.274		9.74	10.0	-2.6	30.0
Vinyl chloride	Ave	0.999	0.9474		9.48	10.0	-5.2	30.0
1,3-Butadiene	Ave	0.6934	0.7010		10.1	10.0	1.1	30.0
Bromomethane	Ave	0.9884	0.9453		9.56	10.0	-4.4	30.0
Chloroethane	Ave	0.4931	0.4996		10.1	10.0	1.3	30.0
Isopentane	Ave	1.062	1.023		9.63	10.0	-3.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.054	1.099		10.4	10.0	4.3	30.0
Trichlorofluoromethane	Ave	3.020	3.031		10.0	10.0	0.4	30.0
n-Pentane	Ave	1.560	1.535		9.84	10.0	-1.6	30.0
Ethanol	Ave	0.2490	0.2862		17.2	15.0	15.0	30.0
Ethyl ether	Ave	0.6340	0.6130		9.67	10.0	-3.3	30.0
Acrolein	Ave	0.2905	0.2776		9.56	10.0	-4.4	30.0
Freon TF	Ave	2.146	2.370		11.0	10.0	10.4	30.0
1,1-Dichloroethene	Ave	1.028	1.146		11.1	10.0	11.4	30.0
Acetone	Ave	1.002	1.081		10.8	10.0	7.9	30.0
Carbon disulfide	Ave	2.796	2.932		10.5	10.0	4.9	30.0
Isopropyl alcohol	Ave	0.7836	0.8537		10.9	10.0	8.9	30.0
3-Chloropropene	Ave	1.115	1.142		10.2	10.0	2.4	30.0
Acetonitrile	Ave	0.4756	0.5270		11.1	10.0	10.8	30.0
Methylene Chloride	Ave	0.9389	0.9774		10.4	10.0	4.1	30.0
tert-Butyl alcohol	Ave	1.199	1.224		10.2	10.0	2.1	30.0
Methyl tert-butyl ether	Ave	2.600	2.692		10.4	10.0	3.5	30.0
trans-1,2-Dichloroethene	Ave	1.380	1.346		9.75	10.0	-2.4	30.0
Acrylonitrile	Ave	0.5663	0.6138		10.8	10.0	8.4	30.0
n-Hexane	Ave	1.506	1.503		9.98	10.0	-0.2	30.0
1,1-Dichloroethane	Ave	1.770	1.762		9.95	10.0	-0.5	30.0
Vinyl acetate	Ave	1.774	1.931		10.9	10.0	8.9	30.0
cis-1,2-Dichloroethene	Ave	1.164	1.199		10.3	10.0	3.0	30.0
Methyl Ethyl Ketone	Ave	0.4149	0.4520		10.9	10.0	9.0	30.0
Ethyl acetate	Ave	0.0801	0.0905		11.3	10.0	13.0	30.0
Tetrahydrofuran	Ave	0.1441	0.1600		11.1	10.0	11.0	30.0
Chloroform	Ave	2.252	2.227		9.89	10.0	-1.1	30.0
1,1,1-Trichloroethane	Ave	0.4695	0.4648		9.90	10.0	-1.0	30.0
Cyclohexane	Ave	0.2869	0.2931		10.2	10.0	2.1	30.0
Carbon tetrachloride	Ave	0.5172	0.5094		9.85	10.0	-1.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: ICV 200-51508/15 Calibration Date: 02/04/2013 09:47

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clf015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6056	0.6080		10.0	10.0	0.4	30.0
2,2,4-Trimethylpentane	Ave	0.8762	0.8704		9.93	10.0	-0.7	30.0
1,2-Dichloroethane	Ave	0.2454	0.2397		9.77	10.0	-2.3	30.0
n-Heptane	Ave	0.2975	0.2925		9.83	10.0	-1.7	30.0
n-Butanol	Ave	0.0552	0.0586		10.6	10.0	6.1	30.0
Trichloroethene	Ave	0.3020	0.2866		9.49	10.0	-5.1	30.0
1,2-Dichloropropane	Ave	0.2028	0.1989		9.81	10.0	-1.9	30.0
Methyl methacrylate	Ave	0.1596	0.1780		11.2	10.0	11.6	30.0
1,4-Dioxane	Ave	0.0710	0.0717		10.1	10.0	1.0	30.0
Dibromomethane	Ave	0.2695	0.2867		10.6	10.0	6.4	30.0
Bromodichloromethane	Ave	0.4427	0.4606		10.4	10.0	4.0	30.0
cis-1,3-Dichloropropene	Ave	0.3075	0.3157		10.3	10.0	2.7	30.0
methyl isobutyl ketone	Ave	0.2628	0.2721		10.4	10.0	3.5	30.0
Toluene	Ave	0.4878	0.4891		10.0	10.0	0.3	30.0
n-Octane	Ave	0.3941	0.3935		9.98	10.0	-0.2	30.0
trans-1,3-Dichloropropene	Ave	0.2932	0.3021		10.3	10.0	3.1	30.0
1,1,2-Trichloroethane	Ave	0.2283	0.2154		9.43	10.0	-5.7	30.0
Tetrachloroethene	Ave	0.5019	0.4750		9.46	10.0	-5.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2527	0.2383		9.43	10.0	-5.7	30.0
Dibromochloromethane	Ave	0.5204	0.5601		10.8	10.0	7.6	30.0
1,2-Dibromoethane	Ave	0.4321	0.4333		10.0	10.0	0.3	30.0
Chlorobenzene	Ave	0.6850	0.6737		9.83	10.0	-1.6	30.0
Ethylbenzene	Ave	0.9932	1.008		10.1	10.0	1.4	30.0
n-Nonane	Ave	0.3968	0.4068		10.2	10.0	2.5	30.0
m,p-Xylene	Ave	0.4029	0.4178		20.7	20.0	3.7	30.0
Xylene, o-	Ave	0.3982	0.4037		10.1	10.0	1.4	30.0
Styrene	Ave	0.5428	0.5798		10.7	10.0	6.8	30.0
Bromoform	Ave	0.5100	0.5592		11.0	10.0	9.6	30.0
Cumene	Ave	1.147	1.228		10.7	10.0	7.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5264	0.5200		9.88	10.0	-1.2	30.0
1,2,3-Trichloropropane	Ave	0.3885	0.3999		10.3	10.0	2.9	30.0
n-Propylbenzene	Ave	1.237	1.366		11.0	10.0	10.4	30.0
4-Ethyltoluene	Ave	1.064	1.220		11.5	10.0	14.7	30.0
2-Chlorotoluene	Ave	0.9193	0.9917		10.8	10.0	7.9	30.0
n-Decane	Ave	0.3880	0.4347		11.2	10.0	12.1	30.0
1,3,5-Trimethylbenzene	Ave	0.9152	0.998		10.9	10.0	9.0	30.0
Alpha Methyl Styrene	Ave	0.4216	0.4748		11.3	10.0	12.6	30.0
tert-Butylbenzene	Ave	0.9400	1.047		11.1	10.0	11.4	30.0
1,2,4-Trimethylbenzene	Ave	0.8689	0.9304		10.7	10.0	7.1	30.0
sec-Butylbenzene	Ave	1.290	1.472		11.4	10.0	14.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: ICV 200-51508/15 Calibration Date: 02/04/2013 09:47

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clf015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.075	1.217		11.3	10.0	13.1	30.0
1,3-Dichlorobenzene	Ave	0.6388	0.6014		9.41	10.0	-5.8	30.0
1,4-Dichlorobenzene	Ave	0.6061	0.5608		9.25	10.0	-7.5	30.0
Benzyl chloride	Ave	0.5606	0.5310		9.47	10.0	-5.3	30.0
n-Butylbenzene	Ave	0.7741	0.7733		9.99	10.0	-0.1	30.0
n-Undecane	Ave	0.3364	0.2838		8.43	10.0	-15.6	30.0
1,2-Dichlorobenzene	Ave	0.5925	0.5380		9.08	10.0	-9.2	30.0
n-Dodecane	Ave	0.2370	0.1939		8.18	10.0	-18.2	30.0
1,2,4-Trichlorobenzene	Ave	0.2177	0.1602		7.35	10.0	-26.4	30.0
Hexachlorobutadiene	Ave	0.3491	0.2893		8.29	10.0	-17.1	30.0
Naphthalene	Ave	0.4328	0.3383		7.81	10.0	-21.8	30.0
1,2,3-Trichlorobenzene	Ave	0.1737	0.1351		7.78	10.0	-22.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: CCVIS 200-52061/3 Calibration Date: 02/18/2013 11:09

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clfo003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7050	0.7555		10.7	10.0	7.2	30.0
Dichlorodifluoromethane	Ave	2.905	3.283		11.3	10.0	13.0	30.0
Freon 22	Ave	1.409	1.603		11.4	10.0	13.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.107	3.430		11.0	10.0	10.4	30.0
Chloromethane	Ave	0.8091	0.8921		11.0	10.0	10.3	30.0
n-Butane	Ave	1.309	1.456		11.1	10.0	11.3	30.0
Vinyl chloride	Ave	0.999	1.061		10.6	10.0	6.2	30.0
1,3-Butadiene	Ave	0.6934	0.7522		10.8	10.0	8.5	30.0
Bromomethane	Ave	0.9884	1.066		10.8	10.0	7.8	30.0
Chloroethane	Ave	0.4931	0.5289		10.7	10.0	7.3	30.0
Isopentane	Ave	1.062	1.072		10.1	10.0	0.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.054	1.027		9.74	10.0	-2.6	30.0
Trichlorofluoromethane	Ave	3.020	3.111		10.3	10.0	3.0	30.0
n-Pentane	Ave	1.560	1.643		10.5	10.0	5.3	30.0
Ethanol	Ave	0.2490	0.2696		16.2	15.0	8.3	30.0
Ethyl ether	Ave	0.6340	0.6392		10.1	10.0	0.8	30.0
Acrolein	Ave	0.2905	0.3247		11.2	10.0	11.8	30.0
Freon TF	Ave	2.146	2.170		10.1	10.0	1.1	30.0
1,1-Dichloroethene	Ave	1.028	1.016		9.88	10.0	-1.2	30.0
Acetone	Ave	1.002	1.051		10.5	10.0	4.8	30.0
Carbon disulfide	Ave	2.796	2.995		10.7	10.0	7.1	30.0
Isopropyl alcohol	Ave	0.7836	0.8335		10.6	10.0	6.4	30.0
3-Chloropropene	Ave	1.115	1.104		9.89	10.0	-1.1	30.0
Acetonitrile	Ave	0.4756	0.5849		12.3	10.0	23.0	30.0
Methylene Chloride	Ave	0.9389	0.9754		10.4	10.0	3.9	30.0
tert-Butyl alcohol	Ave	1.199	1.342		11.2	10.0	12.0	30.0
Methyl tert-butyl ether	Ave	2.600	2.597		9.99	10.0	-0.1	30.0
trans-1,2-Dichloroethene	Ave	1.380	1.429		10.4	10.0	3.6	30.0
Acrylonitrile	Ave	0.5663	0.6056		10.7	10.0	6.9	30.0
n-Hexane	Ave	1.506	1.563		10.4	10.0	3.8	30.0
1,1-Dichloroethane	Ave	1.770	1.832		10.3	10.0	3.5	30.0
Vinyl acetate	Ave	1.774	1.881		10.6	10.0	6.0	30.0
cis-1,2-Dichloroethene	Ave	1.164	1.132		9.72	10.0	-2.7	30.0
Methyl Ethyl Ketone	Ave	0.4149	0.4269		10.3	10.0	2.9	30.0
Ethyl acetate	Ave	0.0801	0.0794		9.91	10.0	-0.9	30.0
Tetrahydrofuran	Ave	0.1441	0.1480		10.3	10.0	2.7	30.0
Chloroform	Ave	2.252	2.300		10.2	10.0	2.1	30.0
1,1,1-Trichloroethane	Ave	0.4695	0.4617		9.83	10.0	-1.7	30.0
Cyclohexane	Ave	0.2869	0.2813		9.80	10.0	-1.9	30.0
Carbon tetrachloride	Ave	0.5172	0.4861		9.40	10.0	-6.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: CCVIS 200-52061/3 Calibration Date: 02/18/2013 11:09

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clfo003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6056	0.6004		9.91	10.0	-0.9	30.0
2,2,4-Trimethylpentane	Ave	0.8762	0.8736		9.97	10.0	-0.3	30.0
1,2-Dichloroethane	Ave	0.2454	0.2414		9.84	10.0	-1.6	30.0
n-Heptane	Ave	0.2975	0.2899		9.74	10.0	-2.6	30.0
n-Butanol	Ave	0.0552	0.0583		10.6	10.0	5.6	30.0
Trichloroethene	Ave	0.3020	0.2752		9.11	10.0	-8.9	30.0
1,2-Dichloropropane	Ave	0.2028	0.2046		10.1	10.0	0.9	30.0
Methyl methacrylate	Ave	0.1596	0.1555		9.74	10.0	-2.6	30.0
1,4-Dioxane	Ave	0.0710	0.0730		10.3	10.0	2.9	30.0
Dibromomethane	Ave	0.2695	0.2171		8.05	10.0	-19.4	30.0
Bromodichloromethane	Ave	0.4427	0.4413		9.97	10.0	-0.3	30.0
cis-1,3-Dichloropropene	Ave	0.3075	0.3054		9.93	10.0	-0.7	30.0
methyl isobutyl ketone	Ave	0.2628	0.2556		9.72	10.0	-2.7	30.0
Toluene	Ave	0.4878	0.4735		9.70	10.0	-3.0	30.0
n-Octane	Ave	0.3941	0.3894		9.88	10.0	-1.2	30.0
trans-1,3-Dichloropropene	Ave	0.2932	0.2855		9.74	10.0	-2.6	30.0
1,1,2-Trichloroethane	Ave	0.2283	0.2288		10.0	10.0	0.2	30.0
Tetrachloroethene	Ave	0.5019	0.4042		8.05	10.0	-19.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2527	0.2419		9.57	10.0	-4.3	30.0
Dibromochloromethane	Ave	0.5204	0.4931		9.47	10.0	-5.2	30.0
1,2-Dibromoethane	Ave	0.4321	0.4115		9.52	10.0	-4.8	30.0
Chlorobenzene	Ave	0.6850	0.6289		9.18	10.0	-8.2	30.0
Ethylbenzene	Ave	0.9932	0.9716		9.78	10.0	-2.2	30.0
n-Nonane	Ave	0.3968	0.4124		10.4	10.0	3.9	30.0
m,p-Xylene	Ave	0.4029	0.3961		19.7	20.0	-1.7	30.0
Xylene, o-	Ave	0.3982	0.3840		9.64	10.0	-3.6	30.0
Styrene	Ave	0.5428	0.5249		9.67	10.0	-3.3	30.0
Bromoform	Ave	0.5100	0.4328		8.48	10.0	-15.1	30.0
Cumene	Ave	1.147	1.126		9.81	10.0	-1.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5264	0.5362		10.2	10.0	1.9	30.0
1,2,3-Trichloropropane	Ave	0.3885	0.3954		10.2	10.0	1.8	30.0
n-Propylbenzene	Ave	1.237	1.277		10.3	10.0	3.2	30.0
4-Ethyltoluene	Ave	1.064	1.120		10.5	10.0	5.3	30.0
2-Chlorotoluene	Ave	0.9193	0.9805		10.7	10.0	6.7	30.0
n-Decane	Ave	0.3880	0.4269		11.0	10.0	10.0	30.0
1,3,5-Trimethylbenzene	Ave	0.9152	0.9087		9.93	10.0	-0.7	30.0
Alpha Methyl Styrene	Ave	0.4216	0.3862		9.16	10.0	-8.4	30.0
tert-Butylbenzene	Ave	0.9400	0.9201		9.79	10.0	-2.1	30.0
1,2,4-Trimethylbenzene	Ave	0.8689	0.8467		9.74	10.0	-2.6	30.0
sec-Butylbenzene	Ave	1.290	1.324		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Lab Sample ID: CCVIS 200-52061/3 Calibration Date: 02/18/2013 11:09

Instrument ID: C.i Calib Start Date: 02/03/2013 14:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/03/2013 20:40

Lab File ID: clfo003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.075	1.015		9.44	10.0	-5.6	30.0
1,3-Dichlorobenzene	Ave	0.6388	0.4871		7.62	10.0	-23.8	30.0
1,4-Dichlorobenzene	Ave	0.6061	0.4433		7.31	10.0	-26.9	30.0
Benzyl chloride	Ave	0.5606	0.4763		8.49	10.0	-15.0	30.0
n-Butylbenzene	Ave	0.7741	0.6695		8.65	10.0	-13.5	30.0
n-Undecane	Ave	0.3364	0.2981		8.86	10.0	-11.4	30.0
1,2-Dichlorobenzene	Ave	0.5925	0.4428		7.47	10.0	-25.3	30.0
n-Dodecane	Ave	0.2370	0.1966		8.29	10.0	-17.1	30.0
1,2,4-Trichlorobenzene	Ave	0.2177	0.1230		5.65	10.0	-43.5*	30.0
Hexachlorobutadiene	Ave	0.3491	0.1971		5.65	10.0	-43.5*	30.0
Naphthalene	Ave	0.4328	0.2967		6.85	10.0	-31.4*	30.0
1,2,3-Trichlorobenzene	Ave	0.1737	0.1041		5.99	10.0	-40.1*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab Sample ID: ICV 200-52454/12 Calibration Date: 02/28/2013 00:35

Instrument ID: G.i Calib Start Date: 02/27/2013 16:59

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/27/2013 22:53

Lab File ID: gha12.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2643	0.2551		9.65	10.0	-3.5	30.0
Dichlorodifluoromethane	Ave	1.840	1.892		10.3	10.0	2.8	30.0
Freon 22	Ave	0.8025	0.8099		10.1	10.0	0.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.811	1.859		10.3	10.0	2.7	30.0
Chloromethane	Ave	0.3788	0.3830		10.1	10.0	1.1	30.0
n-Butane	Ave	0.5015	0.5071		10.1	10.0	1.1	30.0
Vinyl chloride	Ave	0.5183	0.4957		9.56	10.0	-4.4	30.0
1,3-Butadiene	Ave	0.2955	0.3085		10.4	10.0	4.4	30.0
Bromomethane	Ave	0.7058	0.6843		9.69	10.0	-3.0	30.0
Chloroethane	Ave	0.2047	0.2035		9.94	10.0	-0.6	30.0
Isopentane	Ave	0.3750	0.3704		9.88	10.0	-1.2	30.0
Bromoethene(Vinyl Bromide)	Ave	0.7731	0.7864		10.2	10.0	1.7	30.0
Trichlorofluoromethane	Ave	2.029	2.027		9.99	10.0	-0.1	30.0
n-Pentane	Ave	0.5629	0.5666		10.1	10.0	0.6	30.0
Ethanol	Ave	0.1160	0.1263		16.3	15.0	8.8	30.0
Ethyl ether	Ave	0.2573	0.2277		8.85	10.0	-11.5	30.0
Acrolein	Ave	0.1361	0.1093		8.03	10.0	-19.7	30.0
Freon TF	Ave	1.392	1.533		11.0	10.0	10.1	30.0
1,1-Dichloroethene	Ave	0.5829	0.6437		11.0	10.0	10.4	30.0
Acetone	Ave	0.5140	0.4643		9.03	10.0	-9.7	30.0
Carbon disulfide	Ave	1.652	1.731		10.5	10.0	4.8	30.0
Isopropyl alcohol	Ave	0.3811	0.3629		9.52	10.0	-4.8	30.0
3-Chloropropene	Ave	0.4436	0.4562		10.3	10.0	2.8	30.0
Acetonitrile	Ave	0.2048	0.1978		9.65	10.0	-3.4	30.0
Methylene Chloride	Ave	0.4940	0.5255		10.6	10.0	6.4	30.0
tert-Butyl alcohol	Ave	0.6798	0.6444		9.48	10.0	-5.2	30.0
Methyl tert-butyl ether	Ave	1.332	1.238		9.30	10.0	-7.0	30.0
trans-1,2-Dichloroethene	Ave	0.7481	0.7547		10.1	10.0	0.9	30.0
Acrylonitrile	Ave	0.2428	0.2238		9.22	10.0	-7.8	30.0
n-Hexane	Ave	0.5607	0.5907		10.5	10.0	5.3	30.0
1,1-Dichloroethane	Ave	0.9601	0.9822		10.2	10.0	2.3	30.0
Vinyl acetate	Ave	0.7631	0.7171		9.40	10.0	-6.0	30.0
cis-1,2-Dichloroethene	Ave	0.8288	0.8627		10.4	10.0	4.1	30.0
Methyl Ethyl Ketone	Ave	0.2099	0.2078		9.90	10.0	-1.0	30.0
Ethyl acetate	Ave	0.0371	0.0375		10.1	10.0	1.2	30.0
Tetrahydrofuran	Ave	0.0662	0.0627		9.47	10.0	-5.3	30.0
Chloroform	Ave	1.827	1.863		10.2	10.0	1.9	30.0
1,1,1-Trichloroethane	Ave	0.3606	0.3655		10.1	10.0	1.4	30.0
Cyclohexane	Ave	0.1683	0.1752		10.4	10.0	4.1	30.0
Carbon tetrachloride	Ave	0.4340	0.4259		9.81	10.0	-1.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab Sample ID: ICV 200-52454/12 Calibration Date: 02/28/2013 00:35

Instrument ID: G.i Calib Start Date: 02/27/2013 16:59

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/27/2013 22:53

Lab File ID: gha12.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.4366	0.4414		10.1	10.0	1.1	30.0
2,2,4-Trimethylpentane	Ave	0.5249	0.5416		10.3	10.0	3.2	30.0
1,2-Dichloroethane	Ave	0.1953	0.1943		9.95	10.0	-0.5	30.0
n-Heptane	Ave	0.1723	0.1757		10.2	10.0	2.0	30.0
n-Butanol	Ave	0.0507	0.0529		10.4	10.0	4.3	30.0
Trichloroethene	Ave	0.2965	0.2899		9.77	10.0	-2.2	30.0
1,2-Dichloropropane	Ave	0.1898	0.1828		9.63	10.0	-3.7	30.0
Methyl methacrylate	Ave	0.1374	0.1464		10.7	10.0	6.5	30.0
1,4-Dioxane	Ave	0.0797	0.0800		10.0	10.0	0.3	30.0
Dibromomethane	Ave	0.2378	0.2520		10.6	10.0	6.0	30.0
Bromodichloromethane	Ave	0.4363	0.4668		10.7	10.0	7.0	30.0
cis-1,3-Dichloropropene	Ave	0.2781	0.2678		9.63	10.0	-3.7	30.0
methyl isobutyl ketone	Ave	0.2534	0.2560		10.1	10.0	1.0	30.0
Toluene	Ave	0.4180	0.3947		9.44	10.0	-5.6	30.0
n-Octane	Ave	0.3081	0.2702		8.77	10.0	-12.3	30.0
trans-1,3-Dichloropropene	Ave	0.2466	0.2485		10.1	10.0	0.8	30.0
1,1,2-Trichloroethane	Ave	0.2015	0.1870		9.28	10.0	-7.2	30.0
Tetrachloroethene	Ave	0.3727	0.3728		10.0	10.0	0.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1989	0.2314		11.6	10.0	16.3	30.0
Dibromochloromethane	Ave	0.4198	0.4788		11.4	10.0	14.0	30.0
1,2-Dibromoethane	Ave	0.3491	0.3677		10.5	10.0	5.3	30.0
Chlorobenzene	Ave	0.5583	0.5535		9.91	10.0	-0.9	30.0
Ethylbenzene	Ave	0.7884	0.7812		9.91	10.0	-0.9	30.0
n-Nonane	Ave	0.2787	0.2640		9.47	10.0	-5.3	30.0
m,p-Xylene	Ave	0.3272	0.3261		19.9	20.0	-0.3	30.0
Xylene, o-	Ave	0.3485	0.3352		9.61	10.0	-3.8	30.0
Styrene	Ave	0.3867	0.4368		11.3	10.0	12.9	30.0
Bromoform	Ave	0.3120	0.3720		11.9	10.0	19.2	30.0
Cumene	Ave	0.9455	0.9276		9.81	10.0	-1.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4691	0.4635		9.88	10.0	-1.2	30.0
1,2,3-Trichloropropane	Ave	0.3196	0.3249		10.2	10.0	1.6	30.0
n-Propylbenzene	Ave	0.9495	1.011		10.6	10.0	6.5	30.0
2-Chlorotoluene	Ave	0.6773	0.7156		10.6	10.0	5.7	30.0
4-Ethyltoluene	Ave	0.7790	0.8838		11.3	10.0	13.5	30.0
n-Decane	Ave	0.2845	0.2991		10.5	10.0	5.1	30.0
1,3,5-Trimethylbenzene	Ave	0.7085	0.7381		10.4	10.0	4.2	30.0
Alpha Methyl Styrene	Ave	0.2931	0.3586		12.2	10.0	22.3	30.0
tert-Butylbenzene	Ave	0.7507	0.7648		10.2	10.0	1.9	30.0
1,2,4-Trimethylbenzene	Ave	0.6412	0.6951		10.8	10.0	8.4	30.0
sec-Butylbenzene	Ave	1.015	1.087		10.7	10.0	7.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab Sample ID: ICV 200-52454/12 Calibration Date: 02/28/2013 00:35

Instrument ID: G.i Calib Start Date: 02/27/2013 16:59

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/27/2013 22:53

Lab File ID: gha12.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7890	0.9065		11.5	10.0	14.9	30.0
1,3-Dichlorobenzene	Ave	0.3821	0.4324		11.3	10.0	13.2	30.0
1,4-Dichlorobenzene	Ave	0.3552	0.4013		11.3	10.0	13.0	30.0
Benzyl chloride	Ave	0.3553	0.4330		12.2	10.0	21.9	30.0
n-Butylbenzene	Ave	0.5371	0.6678		12.4	10.0	24.3	30.0
n-Undecane	Ave	0.2119	0.2396		11.3	10.0	13.1	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4340		10.8	10.0	7.7	30.0
n-Dodecane	Ave	0.1054	0.1353		12.8	10.0	28.4	30.0
1,2,4-Trichlorobenzene	Ave	0.1028	0.1183		11.5	10.0	15.1	30.0
Hexachlorobutadiene	Ave	0.1778	0.1855		10.4	10.0	4.4	30.0
Naphthalene	Ave	0.2696	0.3245		12.0	10.0	20.4	30.0
1,2,3-Trichlorobenzene	Ave	0.1000	0.1329		13.3	10.0	32.8*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab Sample ID: CCVIS 200-52631/2 Calibration Date: 03/04/2013 11:06

Instrument ID: G.i Calib Start Date: 02/27/2013 16:59

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/27/2013 22:53

Lab File ID: ghae02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2643	0.2797		10.6	10.0	5.8	30.0
Dichlorodifluoromethane	Ave	1.840	1.895		10.3	10.0	3.0	30.0
Freon 22	Ave	0.8025	0.8509		10.6	10.0	6.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.811	1.898		10.5	10.0	4.8	30.0
Chloromethane	Ave	0.3788	0.4143		10.9	10.0	9.4	30.0
n-Butane	Ave	0.5015	0.5630		11.2	10.0	12.3	30.0
Vinyl chloride	Ave	0.5183	0.5219		10.1	10.0	0.7	30.0
1,3-Butadiene	Ave	0.2955	0.3167		10.7	10.0	7.2	30.0
Bromomethane	Ave	0.7058	0.7222		10.2	10.0	2.3	30.0
Chloroethane	Ave	0.2047	0.2202		10.8	10.0	7.5	30.0
Isopentane	Ave	0.3750	0.3968		10.6	10.0	5.8	30.0
Bromoethene(Vinyl Bromide)	Ave	0.7731	0.7878		10.2	10.0	1.9	30.0
Trichlorofluoromethane	Ave	2.029	2.098		10.3	10.0	3.4	30.0
n-Pentane	Ave	0.5629	0.6339		11.3	10.0	12.6	30.0
Ethanol	Ave	0.1160	0.1233		15.9	15.0	6.2	30.0
Ethyl ether	Ave	0.2573	0.2513		9.77	10.0	-2.3	30.0
Acrolein	Ave	0.1361	0.1342		9.86	10.0	-1.4	30.0
Freon TF	Ave	1.392	1.427		10.2	10.0	2.5	30.0
1,1-Dichloroethene	Ave	0.5829	0.6009		10.3	10.0	3.1	30.0
Acetone	Ave	0.5140	0.5109		9.94	10.0	-0.6	30.0
Carbon disulfide	Ave	1.652	1.745		10.6	10.0	5.7	30.0
Isopropyl alcohol	Ave	0.3811	0.4064		10.7	10.0	6.6	30.0
3-Chloropropene	Ave	0.4436	0.4742		10.7	10.0	6.9	30.0
Acetonitrile	Ave	0.2048	0.1887		9.21	10.0	-7.9	30.0
Methylene Chloride	Ave	0.4940	0.5059		10.2	10.0	2.4	30.0
tert-Butyl alcohol	Ave	0.6798	0.6927		10.2	10.0	1.9	30.0
Methyl tert-butyl ether	Ave	1.332	1.272		9.55	10.0	-4.5	30.0
trans-1,2-Dichloroethene	Ave	0.7481	0.7659		10.2	10.0	2.4	30.0
Acrylonitrile	Ave	0.2428	0.2320		9.55	10.0	-4.4	30.0
n-Hexane	Ave	0.5607	0.5864		10.5	10.0	4.6	30.0
1,1-Dichloroethane	Ave	0.9601	0.9779		10.2	10.0	1.9	30.0
Vinyl acetate	Ave	0.7631	0.7406		9.70	10.0	-2.9	30.0
cis-1,2-Dichloroethene	Ave	0.8288	0.8155		9.84	10.0	-1.6	30.0
Methyl Ethyl Ketone	Ave	0.2099	0.2046		9.75	10.0	-2.5	30.0
Ethyl acetate	Ave	0.0371	0.0354		9.54	10.0	-4.6	30.0
Tetrahydrofuran	Ave	0.0662	0.0646		9.76	10.0	-2.4	30.0
Chloroform	Ave	1.827	1.804		9.87	10.0	-1.3	30.0
1,1,1-Trichloroethane	Ave	0.3606	0.3662		10.2	10.0	1.6	30.0
Cyclohexane	Ave	0.1683	0.1710		10.2	10.0	1.6	30.0
Carbon tetrachloride	Ave	0.4340	0.4299		9.90	10.0	-0.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab Sample ID: CCVIS 200-52631/2 Calibration Date: 03/04/2013 11:06

Instrument ID: G.i Calib Start Date: 02/27/2013 16:59

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/27/2013 22:53

Lab File ID: ghae02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.4366	0.4163		9.53	10.0	-4.7	30.0
2,2,4-Trimethylpentane	Ave	0.5249	0.5267		10.0	10.0	0.3	30.0
1,2-Dichloroethane	Ave	0.1953	0.1862		9.53	10.0	-4.7	30.0
n-Heptane	Ave	0.1723	0.1690		9.81	10.0	-1.9	30.0
n-Butanol	Ave	0.0507	0.0513		10.1	10.0	1.2	30.0
Trichloroethene	Ave	0.2965	0.2859		9.64	10.0	-3.6	30.0
1,2-Dichloropropane	Ave	0.1898	0.1843		9.71	10.0	-2.9	30.0
Methyl methacrylate	Ave	0.1374	0.1420		10.3	10.0	3.3	30.0
1,4-Dioxane	Ave	0.0797	0.0883		11.1	10.0	10.9	30.0
Dibromomethane	Ave	0.2378	0.2502		10.5	10.0	5.2	30.0
Bromodichloromethane	Ave	0.4363	0.4426		10.1	10.0	1.4	30.0
cis-1,3-Dichloropropene	Ave	0.2781	0.2786		10.0	10.0	0.2	30.0
methyl isobutyl ketone	Ave	0.2534	0.2556		10.1	10.0	0.9	30.0
Toluene	Ave	0.4180	0.4048		9.68	10.0	-3.2	30.0
n-Octane	Ave	0.3081	0.2984		9.68	10.0	-3.1	30.0
trans-1,3-Dichloropropene	Ave	0.2466	0.2528		10.3	10.0	2.5	30.0
1,1,2-Trichloroethane	Ave	0.2015	0.1966		9.76	10.0	-2.4	30.0
Tetrachloroethene	Ave	0.3727	0.3602		9.66	10.0	-3.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1989	0.2082		10.5	10.0	4.7	30.0
Dibromochloromethane	Ave	0.4198	0.4382		10.4	10.0	4.4	30.0
1,2-Dibromoethane	Ave	0.3491	0.3575		10.2	10.0	2.4	30.0
Chlorobenzene	Ave	0.5583	0.5463		9.78	10.0	-2.2	30.0
Ethylbenzene	Ave	0.7884	0.7951		10.1	10.0	0.9	30.0
n-Nonane	Ave	0.2787	0.2815		10.1	10.0	1.0	30.0
m,p-Xylene	Ave	0.3272	0.3333		20.4	20.0	1.9	30.0
Xylene, o-	Ave	0.3485	0.3549		10.2	10.0	1.8	30.0
Styrene	Ave	0.3867	0.4351		11.2	10.0	12.5	30.0
Bromoform	Ave	0.3120	0.3365		10.8	10.0	7.8	30.0
Cumene	Ave	0.9455	0.9505		10.1	10.0	0.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4691	0.4952		10.6	10.0	5.6	30.0
1,2,3-Trichloropropane	Ave	0.3196	0.3308		10.3	10.0	3.5	30.0
n-Propylbenzene	Ave	0.9495	1.010		10.6	10.0	6.3	30.0
2-Chlorotoluene	Ave	0.6773	0.7124		10.5	10.0	5.2	30.0
4-Ethyltoluene	Ave	0.7790	0.8544		11.0	10.0	9.7	30.0
n-Decane	Ave	0.2845	0.3094		10.9	10.0	8.7	30.0
1,3,5-Trimethylbenzene	Ave	0.7085	0.7536		10.6	10.0	6.4	30.0
Alpha Methyl Styrene	Ave	0.2931	0.3477		11.9	10.0	18.6	30.0
tert-Butylbenzene	Ave	0.7507	0.7600		10.1	10.0	1.2	30.0
1,2,4-Trimethylbenzene	Ave	0.6412	0.7177		11.2	10.0	11.9	30.0
sec-Butylbenzene	Ave	1.015	1.088		10.7	10.0	7.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Lab Sample ID: CCVIS 200-52631/2 Calibration Date: 03/04/2013 11:06

Instrument ID: G.i Calib Start Date: 02/27/2013 16:59

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/27/2013 22:53

Lab File ID: ghae02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7890	0.8786		11.1	10.0	11.4	30.0
1,3-Dichlorobenzene	Ave	0.3821	0.4138		10.8	10.0	8.3	30.0
1,4-Dichlorobenzene	Ave	0.3552	0.3751		10.6	10.0	5.6	30.0
Benzyl chloride	Ave	0.3553	0.4089		11.5	10.0	15.1	30.0
n-Butylbenzene	Ave	0.5371	0.6392		11.9	10.0	19.0	30.0
n-Undecane	Ave	0.2119	0.2300		10.9	10.0	8.5	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4330		10.7	10.0	7.5	30.0
n-Dodecane	Ave	0.1054	0.0738		7.00	10.0	-30.0	30.0
1,2,4-Trichlorobenzene	Ave	0.1028	0.1098		10.7	10.0	6.8	30.0
Hexachlorobutadiene	Ave	0.1778	0.1913		10.8	10.0	7.6	30.0
Naphthalene	Ave	0.2696	0.3235		12.0	10.0	20.0	30.0
1,2,3-Trichlorobenzene	Ave	0.1000	0.1202		12.0	10.0	20.1	30.0

GC/MS Air Instrument Run Log

=51182

Sequence			Standard Traceability	Instrument Information
Target Batch ID: 662	Start Date: 1/25/13	Time: 0852	ISTD Container ID: 248062	Instrument ID: G
Test Method: TO15	End Date: 1/26/13	Time: 0852	CCV Container ID: see comments	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID: see comments	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
0852	260001	N/A	BFB	NA			(UNK)	AA	✓	(UNK)	
0950	02	4632	VBLK		1	200			✓		
1040	03	2887	IC Lvl 5		2	40		N/A	✓		439935
1131	04	2887	IC Lvl 1		2	200			✓		435931
1221	05	2603	IC Lvl 2		3				✓		439920
1311	06	3640	IC Level 3		4				✓		439912
1401	07	4683	ICV Level 4		5	400			✓		439905
1451	08	3570	IC Level 5		6				✓		435917
1542	09	3643	IC Level 6		5				✓		439945
1632	10	4233	IC Level 7		7				✓		439934
1723	11	4632	VBLK		1			✓	✓		
1813	12	2225	TCV		8		✓	✓	✓	AHC	457600 AG
1904	13	4632	LCSVBLK			200	AHC	✓	—		
1955	14	4632	LCS		8			✓	✓		Al-alloy4-011N 452600
2046	15	4630	MB	—	1			✓	✓	PAD	
2215	16	bmg	147145-01	13.3	9	150		✓	✓		bmg DF=10 ↑ non-target NCM
2305	17		-02	14.3	10	140		✓	✓		bmg DF=10 ↑ non-target NCM
2356	18		-03	1	11	200		✓	✓		C
0046	19	4397	147146-30	1	12	200		✓	✓		C
0136	20	4223	-31	1	13			✓	✓		C
0226	21	4127	-32	1	14			✓	✓		C
0317	22	3533	-33	1	15			✓	✓		C
0408	23	5136	-34	1	16			✓	✓		C
0458	24	4577	146140-01	10	1	20		✓	✓		C
0548	25	32893	146140-03	2	2	150		✓	✓ DL		C
0638	26	2975	-04	2	3	100		✓	✓ DL		C
0729	27	4464	146147-01 Lim	1	4	200		✓	✓		C
0819	28	3342	-02	1	5	200	↓	✓	✓		C
											PAD 1/26/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

B 5:776

Sequence			Standard Traceability		Instrument Information
Target Batch ID: GGZNV	Start Date: 2/11/13	Time: 0845	ISTD Container ID:	Z480627	Instrument ID: G
Test Method: TO15	End Date: 2/12/13	Time: 0843	CCV Container ID:	459513	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID:	454605	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*					

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0843	GGZNV01		BFB				MTP	—	✓	MTP	
0940	02	3197	CCV25		1	200		✓	✓		Diox/4-IPT/Benzo(A) ↑
1031	03	3631	LCS		2	↓		✓	✓		1,2-Trichloro-1,2,2-trifluoro/1,1 DCE ↑
1122	04	4632	MB		3	↓		✓	✓		
1218	05	4153	15000-A-9	0.2	4	1000		✓	✓		
1314	06	3515	15031-A-2	0.2	5	↓		✓	✓		
1410	07	3313	15032-A-5	0.2	6	↓		✓	✓		
1500	08	3669	14955-A-2	39.6	7	60		✓	↑		
1550	09	3474	A-3	19686.4	8	45		✓	↑		TO15-4 CDF 92.84 ↓
1640	10	4563	A-4	20470.6	9	45		✓	✓		52 4429.44
NOT RUN	11	4356	14545-A-2	743.1	10	50		—	—	—	4605.58
1730	12	4471	14845-A-1	101	11	20		✓	↓		R Inst Needed 185.55
1821	13	4483	14914-A-2	10 19.3	12	20 66		✓	✓		10.10
1911	14	3308	MTP 1113/1	39.37	13	50 40		✓	✓		CDF 39.37
	15		4	10	14	20		—	—	—	CDF TO-15
	16		5	10	15	20		—	—	—	MTP 2/14/13 56.25
	17		6	39.37	16	200		—	—	—	
	18		7	10	1	20		—	—	—	CDF 39.37
	19		8	10	2	20		—	—	—	
	20		9	10	3	20		—	—	—	
2001	1415	2910	14924-A-1	1	14	200		✓	✓		
2051	16	5346	14862-A-1	10	15	20		✓	✓		
2141	17	4849	2		16	↓		✓	✓		
2232	18	5347	3		1			✓	✓		
2322	19	4486	4	↓	2	↓		✓	✓		
0012	20	3304	14966-A-1	1	3	200		✓	✓		
0103	21	4018	2	1	4	200	↓	✓	↑ ✓		MC MEK 400
0154	22		3		5	↓	1 mL	✓	↑ ✓		mc 45
0244	↓		4		6		↓	✓	↑ ✓	↓	mc 200

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability	Instrument Information
Target Batch ID: GG-ZW	Start Date:	Time: 0843	ISTD Container ID:	Instrument ID: G
Test Method:	End Date:	Time: 0843	CCV Container ID:	Instrument: 5973
ICAL Date:			ICV/LCS Container ID:	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0334	GGW023		14906-5	1	7	200	WRD	✓	↑ ✓	MTP	mc MEK260
0425	24		-6		8			✓	↑ ✓		mc ↓ 70
0516	25		-7		9			✓	✓		
0606	↓ 26		-8		10		↓	✓	✓	↓	

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15031-1

SDG No.:

Instrument ID: G.i Start Date: 02/11/2013 08:43

Analysis Batch Number: 51776 End Date: 02/12/2013 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51776/1		02/11/2013 08:43	1	ggzn001.d	RTX-624 0.32(mm)
CCVIS 200-51776/2		02/11/2013 09:40	1	ggzn002.d	RTX-624 0.32(mm)
LCS 200-51776/3		02/11/2013 10:31	1	ggzn003.d	RTX-624 0.32(mm)
MB 200-51776/4		02/11/2013 11:22	1	ggzn004.d	RTX-624 0.32(mm)
ZZZZZ		02/11/2013 12:18	0.2		RTX-624 0.32(mm)
200-15031-2	3515	02/11/2013 13:14	0.2	ggzn006.d	RTX-624 0.32(mm)
ZZZZZ		02/11/2013 14:10	0.2		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 15:00	309.6		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 15:50	19686.4		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 16:40	20470.6		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 17:30	101		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 18:21	119.3		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 19:11	281.5		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 20:01	1		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 20:51	10		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 21:41	10		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 22:32	10		RTX-624 0.32(mm)
ZZZZZ		02/11/2013 23:22	10		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 00:12	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 01:03	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 01:54	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 02:44	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 03:34	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 04:25	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 05:16	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2013 06:06	1		RTX-624 0.32(mm)

=51182

GC/MS Air Instrument Run Log

Sequence			Standard Traceability	Instrument Information
Target Batch ID: GG2	Start Date: 1/25/13	Time: 0852	ISTD Container ID: 248062	Instrument ID: G
Test Method: TO15	End Date: 1/26/13	Time: 0852	CCV Container ID: See comments	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID: See comments	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0852	A67001	N/A	BFB	NA			LMC	NA	✓	LMC	
0950	02	4632	VBLK		1	200		✓	✓		
1040	03	2887	IC Std5		2	40		N/A	✓		439935
1131	04	2887	IC Std1		2	200			✓		435931
1221	05	2603	IC Std2		3				✓		439920
1311	06	3640	IC Std3		4				✓		439912
1401	07	4636/3	ICIS Level4		5	100			✓		439905
1451	08	3510	IC Std5		6				✓		435907
1542	09	3643	IC Std6		5				✓		439905
1632	10	4233	IC Std7		7				✓		435904
1723	11	4636	VBLK		1			✓	✓		
1813	12	2225	TCV		9			✓	✓	AHK	5 452600 AG
1904	13	4632	MBLK			200	ALHK	✓	—		
1955	14	4632	LCS		8			✓	✓		AG-all74+MN 452600
2046	15	4633	MB	—	1			✓	✓	PAD	
2215	16	bag	147145-01	13.3	9	150		✓	✓		bag DF=10 , TO3 - ↑ non-target NCM
2305	17		-02	14.3	10	140		✓	✓		bag DF=10 ↑ non-target NCM
2356	18		-03	1	11	200		✓	✓		C
0046	19	4387	147160-30	1	12	200		✓	✓		C
0136	20	4223	-31	1	13			✓	✓		C
0226	21	4127	-32	1	14			✓	✓		C
0317	22	3533	-33	1	15			✓	✓		C
0408	23	5136	-34	1	16			✓	✓		C
0458	24	4872	146940-01	10	1	20		✓	✓		C
0548	25	32833	146960-03	2	2	100		✓	✓ DL		C
0638	26	2975	-04	2	3	100		✓	✓ DL		C
0729	27	4464	146947-01 MS	1	4	200		✓	✓		C
0819	28	3342	-02	1	5	200		✓	✓		C
											PAD 1/26/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

-B 515945

Sequence		Standard Traceability		Instrument Information
Target Batch ID: 3621	Start Date: 2/13/13 Time: 0542	ISTD Container ID:	248062	Instrument ID: G 7200K MTS
Test Method: TO15	End Date: 2/14/13 Time: 0542	CCV Container ID:	459513	Instrument: 5973
ICAL Date: 1/25/13		ICV/LCS Container ID:	459695	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0542	6GZP01		BFB				MTY	—	✓	MTY	
0932	02	3197	CCV5		1	200		✓	✓		OK Short list Cert
1023	03	3631	LCS		2			✓	✓		
1114	04	4632	mB		3			✓	✓		
1209	05	3209	15055-7	0.2	1	1000		✓	✓		
1254	06	3483	32226-1	307.6	2 15	31		✓	✓		
1350	07	3668	↓ 2	2	3 16	100		✓	✓		CDF 47.68
1446	08	3230	15053-12	0.2	2	1000		✓	✓		
1606	09	4819	15064-6		3			✓	✓		
1700	10	4908	15048-8		4			✓	✓		
1751	11	3369	14967-1	1	5	200		✓	✓		
1841	12	4360	2	1	6			✓	✓		
1931	13	5070	3	2.24	7			✓	✓		
2022	14	4554	4	1	8			✓	✓		CDF 2.24 ↑ Vac.
2113	15	4142	↓ 5	1	9			✓	✓		
2204	16	5145	15019-1	1	10			✓	✓		
2254	17	5062	2	1	11			✓	✓		
2345	18	3485	3	1	12			✓	✓		
0036	19	3345	4	1	13			✓	✓		
0127	20	3342	↓ 5	1	14			✓	✓		
0217	21	5151	45052-4	1	15			✓	✓		
0308	22	2512	5	1	16			✓	✓		
0358	23	5117	6	1	18			✓	✓		
0448	24	4547	7	1	2			✓	✓		
0543	25	~~5466~~	~~15052-8~~	0.2	3	1000		✓	✓		
0634	26	~~2535~~	~~↓ 17~~	1	4	200		✓	✓		2.24 TMP↑ OK Short list Cert per PM
0729	27	5166	45052-08	1	5	200		✓	✓		
0820	28	2535	↓ 17	1	6	200	↓	✓	✓	↓	
											MTY 2/14/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15057-1

SDG No.:

Instrument ID: G.i Start Date: 02/13/2013 08:42

Analysis Batch Number: 51845 End Date: 02/14/2013 08:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51845/1		02/13/2013 08:42	1	ggzp001.d	RTX-624 0.32(mm)
CCVIS 200-51845/2		02/13/2013 09:32	1	ggzp002.d	RTX-624 0.32(mm)
LCS 200-51845/3		02/13/2013 10:23	1	ggzp003.d	RTX-624 0.32(mm)
MB 200-51845/4		02/13/2013 11:14	1	ggzp004.d	RTX-624 0.32(mm)
ZZZZZ		02/13/2013 12:09	0.2		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 12:59	307.6		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 13:50	2		RTX-624 0.32(mm)
200-15057-12	3230	02/13/2013 14:46	0.2	ggzp008.d	RTX-624 0.32(mm)
ZZZZZ		02/13/2013 16:06	0.2		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 17:00	0.2		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 17:51	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 18:41	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 19:31	2.24		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 20:22	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 21:13	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 22:04	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 22:54	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2013 23:45	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 00:36	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 01:27	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 02:17	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 03:08	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 03:58	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 04:48	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 05:43	0.2		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 06:34	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2013 08:20	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15118-1

SDG No.:

Instrument ID: G.i Start Date: 02/18/2013 08:39

Analysis Batch Number: 52056 End Date: 02/19/2013 06:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52056/1		02/18/2013 08:39	1	ggzs001.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 09:36	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 10:26	1		RTX-624 0.32(mm)
CCVIS 200-52056/4		02/18/2013 11:17	1	ggzs004.d	RTX-624 0.32(mm)
LCS 200-52056/5		02/18/2013 12:08	1	ggzs005.d	RTX-624 0.32(mm)
MB 200-52056/6		02/18/2013 12:59	1	ggzs006.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 13:56	0.2		RTX-624 0.32(mm)
200-15118-6	5075	02/18/2013 14:52	0.2	ggzs008.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 15:48	0.2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 16:39	2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 17:29	8783		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 18:19	273		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 19:09	10.6		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 19:59	22.4		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 20:49	2.27		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 21:40	10		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 22:30	10		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 23:20	10		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 00:10	10		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 01:00	20.6		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 01:50	196		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 02:41	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 03:32	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 04:22	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 05:12	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:02	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:53	1		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

=51182

Sequence			Standard Traceability	Instrument Information
Target Batch ID: GGZ	Start Date: 1/25/13	Time: 0852	ISTD Container ID: 248062	Instrument ID: G
Test Method: TO15	End Date: 1/26/13	Time: 0852	CCV Container ID: See comments	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID: See comments	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

Sequence Information									Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
0852	012801	N/A	BFB	NA			WDF	AA	✓	WDF	
0950	02	4682	VBLK		1	200		✓	✓		
1040	03	2887	IC 0.5		2	40		N/A	✓		439935
1131	04	2887	IC 0.7		2	200			✓		439930
1221	05	2603	IC Lvl 2		3				✓		439920
1311	06	3640	IC Level 3		4				✓		439912
1401	07	4636/3	ICV Level 4		5	400			✓		439905
1451	08	3510	IC Level 5		6				✓		439907
1542	09	3643	IC Level 6		7				✓		439900
1632	10	4233	IC Lvl 7		8				✓		439905
1723	11	4636	VBLK		1			✓	✓		439914
1813	12	2225	ICV		9			✓	✓	AHK	
1904	13	4632	MBLK			200	↓	✓	—		452600 AG
1955	14	4636/3 2225	LCS		8			✓	✓	↓	
2046	15	4620	MB	↓	1	↓		✓	✓	PAD	AG-all 24hr MW 452600
2215	16	bag	147415-01	13.3	9	150		✓	✓		
2305	17	↓	-02	14.3	10	140		✓	✓		bag DF=10 TO3 ↑ no target NCM
2356	18	↓	-03	1	11	200		✓	✓		bag DF=10 ↑ no target NCM C
0046	19	4397	147416-20	1	12	200		✓	✓		C
0136	20	4223	-31	1	13			✓	✓		C
0226	21	4127	-32	1	14			✓	✓		C
0317	22	3533	-33	1	15			✓	✓		C
0408	23	5136	-34	1	16	↓		✓	✓		C
0458	24	4577	146410-01	10	1	20		✓	✓		C
0548	25	3283	146480-03	2	2	100		✓	✓DL		C
0638	26	2975	-04	2	3	100		✓	✓DL		C
0729	27	4464	146447-01 Lab Dup	1	4	200		✓	✓		C
0819	28	3242	-02	1	5	200	↓	✓	✓		C
											PAD 1/26/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability		Instrument Information
Target Batch ID: GGZ5	Start Date: 2/18/13	Time: 0839	ISTD Container ID:	243062	Instrument ID: G
Test Method: TO15	End Date: 2/19/13	Time: 0839	CCV Container ID:	459513	Instrument: 5973
ICAL Date: 1/25/13			ICV/LCS Container ID:	459605	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0839	GGZ501		BFB				MTP	✓	✓	MTD	
0936	02	3197	CCV1S-X		1	200		✓	↑ ↓		
1026	03	3631	LCS-X		2			✓	✓		
1117	04	3197	CCV1S		1			✓	✓		IA-G
1208	05	3631	LCS		2			✓	✓		High ~~Some low~~ IPA/Vlox ↑ Some low
1259	06	4632	MB		3			✓	✓		
1350	07	5079	15073-9	0.2	4	1000		✓	✓		
1452	08	5015	15118-6	↓	1			✓	✓		
1548	09	3095	15109-6		2	↓		✓	✓		
1639	10	3366	15008-4	↓	3	200		✓	✓		
1729	11	5022	14950-1	87.83	4 DL	33		✓	✓		
1819	12	4474	↓ 6	273	5	25		✓	↑		Cal 1449-5
1909	13	2562 MTP 2/18/13	↓ 9	10.6	6	70		✓	✓		R PCE47 38.65
1959	14	~~4076~~ 2562	↓ 9	22.4	~~4076~~ 6	33		✓	✓		3.70
2049	15	4076	14975-1	2.27	7	200		✓	✓		R 3.70
2140	16	5074	14977-1	10	8	20		✓	✓		↓ 2.27
2230	17	3291	↓ 2	10	9	20		✓	✓		
2320	18	5073	↓ 3	10	10	20		✓	✓		
0010	19	3276	15003-1	10	11	20		✓	✓		
0100	20	4963	↓ 2	20.6	12	50		✓	✓		
0150	21	2893	15006-1	196	13	40		✓	✓		Cal 5.15
0241	22	2583	15051-1	1	14	200		✓	✓		↓ 39.13
0332	23	4115	↓ 2	1	15	↓		✓	✓		
0422	24	5068	↓ 3	1	16			✓	✓		
0512	25	5123	↓ 4	1	1	↓		✓	✓		
0602	26	5046	15068-1	1	2	350	MTD	✓	↑		R MAP 170
0653	27	2947	L -3	1	3	1	1	✓	✓		
											MTP 2/19/13

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Instrument ID: C.i Start Date: 02/03/2013 12:45

Analysis Batch Number: 51508 End Date: 02/04/2013 09:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51508/1		02/03/2013 12:45	1	c1f001.d	RTX-624 0.32(mm)
VIBLK 200-51508/2		02/03/2013 13:39	1		RTX-624 0.32(mm)
IC 200-51508/3		02/03/2013 14:32	1	c1f003.d	RTX-624 0.32(mm)
IC 200-51508/4		02/03/2013 15:25	1	c1f004.d	RTX-624 0.32(mm)
IC 200-51508/5		02/03/2013 16:17	1	c1f005.d	RTX-624 0.32(mm)
IC 200-51508/6		02/03/2013 17:09	1	c1f006.d	RTX-624 0.32(mm)
ICIS 200-51508/7		02/03/2013 18:02	1	c1f007.d	RTX-624 0.32(mm)
IC 200-51508/8		02/03/2013 18:55	1	c1f008.d	RTX-624 0.32(mm)
IC 200-51508/9		02/03/2013 19:47	1	c1f009.d	RTX-624 0.32(mm)
IC 200-51508/10		02/03/2013 20:40	1	c1f010.d	RTX-624 0.32(mm)
VIBLK 200-51508/11		02/03/2013 21:33	1		RTX-624 0.32(mm)
ZZZZZ		02/03/2013 22:25	1		RTX-624 0.32(mm)
VIBLK 200-51508/13		02/03/2013 23:18	1		RTX-624 0.32(mm)
ZZZZZ		02/04/2013 08:52	1		RTX-624 0.32(mm)
ICV 200-51508/15		02/04/2013 09:47	1	c1f015.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15120-1

SDG No.:

Instrument ID: C.i Start Date: 02/18/2013 09:11

Analysis Batch Number: 52061 End Date: 02/19/2013 09:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52061/1		02/18/2013 09:11	1	c1fo001.d	RTX-624 0.32(mm)
CCVIS 200-52061/2		02/18/2013 10:17	1		RTX-624 0.32(mm)
CCVIS 200-52061/3		02/18/2013 11:09	1	c1fo003.d	RTX-624 0.32(mm)
LCS 200-52061/4		02/18/2013 12:01	1	c1fo004.d	RTX-624 0.32(mm)
MB 200-52061/5		02/18/2013 12:54	1	c1fo005.d	RTX-624 0.32(mm)
200-15120-9	2639	02/18/2013 13:47	0.2	c1fo006.d	RTX-624 0.32(mm)
ZZZZZ		02/18/2013 14:41	0.2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 15:33	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 16:26	0.2		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 17:51	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 18:43	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 19:36	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 20:28	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 21:21	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 22:13	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 23:06	1		RTX-624 0.32(mm)
ZZZZZ		02/18/2013 23:58	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 00:50	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 01:42	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 02:35	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 03:28	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 04:20	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 05:13	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:05	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 06:58	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 07:51	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 08:43	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 09:37	0.2		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

Sequence		Standard Traceability	Instrument Information
Target Batch ID: LF	Start Date: 2/3/13 Time: 1245	ISTD Container ID: 248052	Instrument ID: C
Test Method: TO15/TO15SIM	End Date: 2/4/13 Time: 1245	CCV Container ID: see comment	Instrument: 5973
ICAL Date:		ICV/LCS Container ID: see comment	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Mark Phillips MTP William DeSantis WND

Mark Phillips William DeSantis

457-508
45/.504

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
1245	CLP001		BFB	AA			WND	AA		WND	
1339	01	4632	VBLK		1	200		✓			
1432	02	2572	IC Lvl 8		2	40			✓		455-526
1525	03	2572	IC Lvl 1		2	200			✓		455-526
1617	04	2573	IC Lvl 2		3	200			✓		455-836
1709	05	3797	IC Lvl 3		9	100			✓		455-833
1802	06	3797	ICIS		4	200			✓		45-4535
1855	07	4086	IC Lvl 5		5	200			✓		45-4857
1947	08	5015	IC Lvl 6		6	200			✓		455-913
2040	09	4233	IC Lvl 7		7	200			✓		455814
2133	10	4632	VBLK		1	200					4339 CA
2225	11	2571	ICV natural		8	200					
2318	12	4632	VBLK		1	200					45388-3
0852	13	2571	ICV natural		8	200		L			
0947	14	2571	ICV		8	200		✓	✓		45388-3
	15										45388-3

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability		Instrument Information
Target Batch ID: CLF0	Start Date: 2/18/13	Time: 0911	ISTD Container ID:	248052	Instrument ID: C
Test Method: TO-15	End Date: 2/19/13	Time: 0911	CCV Container ID:	161423	Instrument: 5973
ICAL Date: 5/15/08			ICV/LCS Container ID:	459607	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
0911	CLF0001		BFB	NA			UDW	NA	NA	UDW	
1017	02	3510			2	200		NA	✓		
1109	03	3570	CCV1	1	2	1	1	NA	✓		Valve closed
1201	04		LCS	1	3	1	1	NA	✓		12:47 on, Heated, 4, 4L
1254	05	4632	MB	1	4	1	1	✓	✓		AC.
1343	06	2635	15120-9	0.2	5	1200	1	✓	✓		
1441	07	3314	15123-5	1	6	1	1	✓	✓		
1533	08	3578	15087-9	1	7	200	1	✓	✓		PCE
1751	10	4561	-10	1	8	1	1	✓	✓		
1842	11	4420	-11	1	9	1	1	✓	✓		
1936	12	4477	-12	1	10	1	1	✓	✓		
2028	13		Condition	NA	1	200	1	✓	✓		
2124	14	4803	15087-1	1	11	200	1	✓	—		
2213	15	2906	-2	1	12	1	1	✓	✓		
2300	16	3346	15114-1	1	13	200	1	✓	✓		
2358	17	4365	-2	1	14		1	✓	✓		
0050	18	5136	-3	1	15	1	1	✓	✓		
0142	19	5113	-5	1	16	1	1	✓	✓		
0235	20		Condition	NA	1	200	1	✓	✓		
1626	09	5085	15136-2	0.2	5	200	1	✓	—		
0329	21	4808	15114-6	1	2	200	1	✓	✓		
0420	22	3434	-7	1	3	1	1	✓	✓		
0513	23	4285	-8	1	4	1	1	✓	✓		
0605	24	3623	15118-7	1	5	200	1	✓	R		
0658	25	4749	-8	1	6	1	1	✓	✓		
0751	26	3661	-9	1	7	1	1	✓	✓		
0843	27	5072	-10	1	8	1	1	✓	✓		
	28	4297	-11	1	1	1	1	✓	✓		
0937	29	3314	15123-5	0.2	9	1000	1		R	NA	continuation log

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Instrument ID: G.i Start Date: 02/27/2013 14:26

Analysis Batch Number: 52454 End Date: 02/28/2013 14:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52454/1		02/27/2013 14:26	1	gha01.d	RTX-624 0.32(mm)
VIBLK 200-52454/2		02/27/2013 16:09	1		RTX-624 0.32(mm)
IC 200-52454/3		02/27/2013 16:59	1	gha03.d	RTX-624 0.32(mm)
IC 200-52454/4		02/27/2013 17:49	1	gha04.d	RTX-624 0.32(mm)
IC 200-52454/5		02/27/2013 18:40	1	gha05.d	RTX-624 0.32(mm)
IC 200-52454/6		02/27/2013 19:30	1	gha06.d	RTX-624 0.32(mm)
ICIS 200-52454/7		02/27/2013 20:21	1	gha07.d	RTX-624 0.32(mm)
IC 200-52454/8		02/27/2013 21:12	1	gha08.d	RTX-624 0.32(mm)
IC 200-52454/9		02/27/2013 22:03	1	gha09.d	RTX-624 0.32(mm)
IC 200-52454/10		02/27/2013 22:53	1	gha10.d	RTX-624 0.32(mm)
VIBLK 200-52454/11		02/27/2013 23:44	1		RTX-624 0.32(mm)
ICV 200-52454/12		02/28/2013 00:35	1	gha12.d	RTX-624 0.32(mm)
ZZZZZ		02/28/2013 01:26	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 02:16	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 03:08	606		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 03:58	556		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 04:48	35.1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 05:38	37.7		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 06:28	27		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 07:19	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 08:09	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 09:00	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 09:51	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 10:41	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 11:37	0.2		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 11:37	0.2		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 12:33	0.2		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 13:23	1		RTX-624 0.32(mm)
ZZZZZ		02/28/2013 14:14	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15297-1

SDG No.:

Instrument ID: G.i Start Date: 03/04/2013 10:09

Analysis Batch Number: 52631 End Date: 03/05/2013 10:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52631/1		03/04/2013 10:09	1	ghae01.d	RTX-624 0.32(mm)
CCVIS 200-52631/2		03/04/2013 11:06	1	ghae02.d	RTX-624 0.32(mm)
LCS 200-52631/3		03/04/2013 12:01	1	ghae03.d	RTX-624 0.32(mm)
MB 200-52631/4		03/04/2013 12:56	1	ghae04.d	RTX-624 0.32(mm)
200-15297-12	2851	03/04/2013 13:52	0.2	ghae05.d	RTX-624 0.32(mm)
ZZZZZ		03/04/2013 14:48	0.2		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 15:38	135.4		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 16:29	179.3		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 17:19	1		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 18:09	1		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 19:00	1		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 19:50	1		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 20:40	1		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 21:31	1		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 22:21	1		RTX-624 0.32(mm)
ZZZZZ		03/04/2013 23:11	1		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 00:01	1		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 00:51	9.87		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 01:41	9.75		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 02:31	10		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 03:21	10		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 04:11	9.77		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 05:01	1		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 05:52	1		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 06:42	1		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 07:33	1		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 08:24	1		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 09:16	1.3		RTX-624 0.32(mm)
ZZZZZ		03/05/2013 10:08	0.2		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

B 52454

Sequence		Standard Traceability		Instrument Information
Target Batch ID: GHA	Start Date: 2/27/13 Time: 1426	ISTD Container ID:	245062	Instrument ID: G 560K
Test Method: TO15	End Date: 2/28/13 Time: ~~1422~~ 1426	CCV Container ID:		Instrument: 5973
ICAL Date:	MTP 2/28/13	ICV/LCS Container ID:	463500	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
1426	GHA01		BFB				MTP		✓	MTP	
1659	02	4632	VIBIK		1	900		✓	✓		
1749	03	3152	IC		2	40		✓	✓		
1840	05	3152	IC		2	200		✓	✓		463751
1930	06	2575	IC		3	200		✓	✓		463751
2021	07	3639	ICIS		4	200		✓	✓		463743
2112	08	4096	IC		5	200		✓	✓		463739
2203	09	5015	IC		6	200		✓	✓		463741
2253	10	4235	IC		7	200		✓	✓		463738
2344	11	4632	VIBIK		8	200		✓	✓		463736 463735: 40ppb.
0035	12	2725	ICV		1	200		✓	✓		PAHs, 1,2,4 & 1,2,3 TCB/Naph 7 30% RSD
0126	13	2725	LCS		9	200		✓	✓		
0216	14	4632	VMB		9	200		✓	✓		463500 1,2,3-TCB 132%
0306	15	bag	15245-01	606	1	200	↓	✓	✓		↓ 1,2,3-TCB 134%
0355	16	bag	L -02	556	10	33	AHK	✓	✓		
0448	17		15250-01	35.1	11	36		✓	✓		bag DF 100
0535	18		-02	37.7	12	52		✓	✓		" DF 100
0625	19		-03	27.0	13	53		✓	✓		TO3
0719	20		15252-01	1	14	74		✓	✓		TO3 bag DF 10
0809	21		-02	1	15	200		✓	✓		TO3+TO15
0860	22		-03	1	16			✓	✓		TO3
0951	23	4542	15223-01	1	2			✓	✓		TO3
1041	24	4430	-02	1	3	200		✓	✓		TO3+TO15
1323	27 ~~25~~	4326	-03	1	4			✓	✓		
1414	28 ~~26~~	5144	-04	1	5			✓	✓		
Not Run	29 ~~27~~	3136	L -05	1	6			✓	✓		
1137	25 ~~28~~	4488	15253-Cb	0.2	7	↓	↓				
1233	26	4074	15260-Cb	0.2	1	1000	MTP	✓	✓		
					2	1000	↓	✓	✓	↓	

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

#52631

GC/MS Air Instrument Run Log

Sequence			Standard Traceability	Instrument Information
Target Batch ID: GHAE	Start Date: 3/4/13	Time: 10:09	ISTD Container ID: 248062	Instrument ID: G
Test Method: TO15	End Date: 3/5/13	Time: 1009	CCV Container ID: 463734	Instrument: 5973
ICAL Date: 2/27/13			ICV/LCS Container ID: 465801	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review: Internal Std.	Result Conc.	Primary Anal.	Comments
1009	GHAE01	N/A	BFB	N/A			BL	—	✓	BL	
1106	02	2575	CCVIS		1	200		—	✓		
1201	03	2571	LCS		2			✓	✓		
1256	04	4633	MS		3			✓	✓		
1352	05	2851	200-15297-12	0.2	4	1000		✓	✓		
1448	06	4345	15296-09		5			✓	✓		
1538	07	4850	15206-01	135.4	6	20		✓	✓ DL	AHK	CDF = 13.54 C
1629	08	4855	-03	179.3	7	20		✓	↑	JL	CDF = 17.93 R (xylene) 15,000 (410) 7900
1719	09	5093	15306-12	1	8	200		✓	✓	AHK	C
1809	10	4879	15156-05	1	9			✓	✓		C
1906	11	2968	-09		10			✓	✓		C
1950	12	5387	-10		11			✓	✓		C
2040	13	4313	-11		12			✓	✓		C
2131	14	50560	-12		13			✓	✓		C
2221	15	4371	-13		14			✓	✓		C
2311	16	3220	-14		15			✓	✓		C
0001	17	50760	-15	1	16			✓	✓		C
0051	18	3580	-16	~~15.1~~ 9.5	1	20		✓	✓		C
0141	19	4669	-17	~~5.1~~ 9.5	2	32		✓	✓		CDF = 1.53 C
0231	20	4942	-18	~~5.1~~ 9.5	3	28		✓	✓		CDF = 1.56 C
0321	21	4841	-19	10	4	20		✓	↑		CDF = 1.40 C
0411	22	4960	-21	~~12.9~~ 9.5	5	26		✓	✓		TIC 410 R2
0501	23	4324	-22	1	6	200		✓	✓		CDF: 1.27 C
0552	24	4568	-23	1	7	1		✓	✓		C
0642	25	2894	-24	1	8		AHK	✓	✓		C
0733	26	2945	-25	1	9			✓	✓		C
0824	27	4315	-26	1	10			✓	✓		C
0916	28	2854	-27	1.30	11			✓	✓		C
1008	29	3150	15304-02	0.2	11	1000	MTP	✓	✓		CDF 1.30 due to 9 VOC C

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

15292

Shipping and Receiving Documents

AFCEC
CHAIN OF CUSTODY RECORD

COC#: 1 SDG#: 1 Cooler ID: A

Ship to: Sara Goff Test America - Burlington 30 Community Drive, Suite 11 South Burlington, VT 05403 Tel: (802)923-1027	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Katrina Mattice	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Katrina Mattice	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2013	Time	MATRIX	SMCODE	SBD/SED	SACODE	Start Vacuum (in Hg)	End Vacuum (in Hg)	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0102HA	786VMP-1	3/6	1430	GS	AC	0/0	N	-30	-4	1	1	1	Canister # 4317, Regulator # 144
786VMP0202HA	786VMP-2	3/6	1440	GS	AC	0/0	N	-24	-2	1	1	1	Canister # 4574, Regulator # 4708
786VMP0302HA	786VMP-3	3/6	1420	GS	AC	0/0	N	-29.5	-2	1	1	1	Canister # 4824, Regulator # 183
785IA09	785-IA	3/6	0725	GS	AC	0/0	N	-30	-6	1	1	1	Canister # 4814, Regulator # 4030
786IA08	786-IA	3/6	0720	GS	AC	0/0	N	-29.5	-9	1	1	1	Canister # 4283, Regulator # 4208
785786OA05	785786-OA	3/6	0730	GS	AC	0/0	N	-28	0	1	1	1	Canister # 2612, Regulator # 4056. Note: vacuum reached 0 in Hg at approximately 7 hours, sampled for 8 hours.
785VMP0202IA	785VMP-2	3/6	1540	GS	AC	0/0	N	-30	-4	1	1	1	Canister # 3659, Regulator # 5321
785VMP0401HA	785VMP-4	3/6	1550	GS	AC	0/0	N	-27	-1	1	1	1	Canister # 3391, Regulator # 4681
785VMP0501FA	785VMP-5	3/6	1600	GS	AC	0/0	N	-28	-5	1	1	1	Canister # 2741, Regulator # 4713
786VMP0102HC	786VMP-1	3/6	1431	GS	AC	0/0	N	-30	-2	1	1	1	Canister # 2859, Regulator # 4693

Sample Condition Upon Receipt at Laboratory:

Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 4.0

Note 1: VOC: Method TO-15 Full List

ANALYSIS NOTE 1: Cat B package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 3/13/13	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig)	Date:	#2 Received by: (Sig) Steven Burke	Date: 3/14/13	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time:	Company Name: TA Sburl	Time: 1010	Company Name:	Time:

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-39902-1

Login Number: 39902

List Source: TestAmerica Denver

List Number: 1

Creator: Dedio, Michael T

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	False	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-39902-1

Login Number: 39902
List Number: 1
Creator: Poucher, Stephanie A

List Source: TestAmerica Burlington
List Creation: 03/15/13 01:51 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	722004, 178, 001, 177, 002, 005, 003, 006, 720964, 623, 627, 628, 626, 624, 963,
Sample custody seals, if present, are intact.	True	cont. from above: 720625
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	ambient
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Appendix D

FPM GROUP, LTD.
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
GRIFFISS LTM SAMPLING
Site Griffiss AFB Buildings 774/776 and 785/786 Sampling
Soil Vapor Sampling
Contract No. FA8903-10-D-8595

FPM Project No. 1015-11-01

TestAmerica Job # 280-39216-1

Laboratory:	TestAmerica, Inc.
Sample Matrix:	Soil Vapor
Number of Samples:	4
Analytical Protocol:	AFCEE QAPP, Version 4.2, with AFCEE-approved lab variances
Data Reviewer:	Connie van Hoesel
Sample Date:	February 14-15, 2013

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	Sample ID	Date
774776CA01AH	2/15/13		
774776CA02AF	2/15/13		
785786CA01AH	2/14/13		
785786CA02AF	2/14/13		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
AH, AF – Primary environmental samples

DELIVERABLES

The data deliverable report was per requirements of the DOD QSM, version 4.2, as specified in the project-specific QAPP. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the sample analyses were per methods as specified in the DOD QSM, version 4.2, with project-specific modifications as listed in the project-specific QAPP. The analytical methods employed included the EPA Compendium Methods for toxic organics: Volatile Organic Compounds (VOC) by EPA method TO-15.

VERIFICATION GUIDANCE

The analytical work was performed by TestAmerica Laboratories, Inc. in accordance with the DOD QSM, version 4.2, and QC requirements of the respective analytical methods and of the project-specific QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the DOD QSM, and the criteria as listed in the project-specific QAPP.

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and limits of quantitation (DL, LOQ)
- Holding times
- GC/MS tune performance
- Initial and Continuing calibration summaries
- Method blanks
- Field duplicate results
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)
- Results reported between DL and LOQ (J-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with DOD QSM, version 4.2, and project-specific QAPP criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between DL and LOQ), the laboratory qualified the subject results with a "J" flag. Since no qualification of associated field samples are required for blank concentrations less than half the LOQ, no further action was taken in such instances.

INITIAL PRESSURE

The laboratory notified FPM that all samples were received at zero vacuum. Per FPM's request, the samples were analyzed as requested.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- According to the case narrative, the following sample was analyzed at initial dilution: 785786CA01AH at 1:2. The dilution results only are reported and are used in data verification as representing original results.

- According to the case narrative, in the following continuing calibration verification (CCV), analytes exhibited the following exceedances:

Type of Calibration Exceedance Affected Analytes	%D/ %RSD	AFCEE QC Limit	Flag Applied	Rationale
CCV 200-52936/2				
Isopropyl alcohol	***30.3***	±30	None	%D rounds to 30
Tert-butyl alcohol	***30.7***	±30	J	%D > upper control limit, associated positive result less than LOQ

Corrective Action: For the isopropyl alcohol results, no flagging was deemed necessary since the %D rounded to within the control limit. For tert-butyl alcohol, the standard response was above the acceptance limit, and the associated positive results may be biased high. It should be noted that the only positive result associated with this CCV was also less than the LOQ, which is flagged "J" as estimated.

DATA USABILITY RESULTS

VOCs

Based on the evaluation of all information in the analytical data groups, the results for VOCs are usable with the data qualifiers as noted. It should be noted that non-reportable results did not affect overall data usability. Using the verification approach as presented above, the results for all above samples are 100% usable.

AFCEE SUMMARY

All data in Job # 280-39216-1 are usable, which can be used with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 4/11/13

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39216-1	774776CA01AH	Air	02/15/2013 1055	02/22/2013 1030
280-39216-2	785786CA01AH	Air	02/14/2013 1435	02/22/2013 1030
280-39216-3	774776CA02AF	Air	02/15/2013 1100	02/22/2013 1030
280-39216-4	785786CA02AF	Air	02/14/2013 1440	02/22/2013 1030

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39216-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39216-1	**774776CA01AH**					
Dichlorodifluoromethane		0.95		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		4.7		2.5	ug/m3	TO-15
Freon 22		9.3		0.50	ppb v/v	TO-15
Freon 22		33		1.8	ug/m3	TO-15
Chloromethane		0.72		0.50	ppb v/v	TO-15
Chloromethane		1.5		1.0	ug/m3	TO-15
n-Butane		1.4		0.50	ppb v/v	TO-15
n-Butane		3.4		1.2	ug/m3	TO-15
Trichlorofluoromethane		5.2		0.20	ppb v/v	TO-15
Trichlorofluoromethane		29		1.1	ug/m3	TO-15
Freon TF		0.065	J	0.20	ppb v/v	TO-15
Freon TF		0.50	J	1.5	ug/m3	TO-15
Acetone		12		5.0	ppb v/v	TO-15
Acetone		28		12	ug/m3	TO-15
Isopropyl alcohol		0.84	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		2.1	J	12	ug/m3	TO-15
Carbon disulfide		0.069	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.21	J	1.6	ug/m3	TO-15
Methylene Chloride		0.30	J	0.50	ppb v/v	TO-15
Methylene Chloride		1.0	J	1.7	ug/m3	TO-15
n-Hexane		0.076	J	0.20	ppb v/v	TO-15
n-Hexane		0.27	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.15	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.45	J	1.5	ug/m3	TO-15
Chloroform		0.45		0.20	ppb v/v	TO-15
Chloroform		2.2		0.98	ug/m3	TO-15
Tetrahydrofuran		0.61	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		1.8	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.17	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.91	J	1.1	ug/m3	TO-15
Cyclohexane		0.11	J	0.20	ppb v/v	TO-15
Cyclohexane		0.38	J	0.69	ug/m3	TO-15
Carbon tetrachloride		0.29		0.20	ppb v/v	TO-15
Carbon tetrachloride		1.8		1.3	ug/m3	TO-15
Benzene		0.078	J	0.20	ppb v/v	TO-15
Benzene		0.25	J	0.64	ug/m3	TO-15
Trichloroethene		3.7		0.20	ppb v/v	TO-15
Trichloroethene		20		1.1	ug/m3	TO-15
Toluene		0.046	J	0.20	ppb v/v	TO-15
Toluene		0.17	J	0.75	ug/m3	TO-15

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-39216-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

Four samples were received at TestAmerica Burlington on 02/22/2013; the samples arrived in good condition and properly preserved.

Samples 774776CA01AH (280-39216-1), 785786CA01AH (280-39216-2), 774776CA02AF (280-39216-3), and 785786CA02AF (280-39216-4) were received with zero vacuum, and the client was notified on 03/27/2013. The client instructed the laboratory to proceed with the requested analyses.

VOLATILE ORGANIC COMPOUNDS (TO-15)

Samples 774776CA01AH (280-39216-1), 785786CA01AH (280-39216-2), 774776CA02AF (280-39216-3), and 785786CA02AF (280-39216-4) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 03/12/2013 and 03/13/2013.

Several analytes were detected in method blank MB 200-52936/6 at levels that were above the method detection limits but below the reporting limits. The values should be considered estimates, and have been flagged "J". However, because the result concentrations were less than ½ the respective reporting limits, no corrective action was necessary.

Sample 785786CA01AH (280-39216-2) required a dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) for analytical batch 280-52936 exceeded control criteria for IPA and TBA. The data have been qualified and reported.

No other difficulties were encountered during the TO15 analyses.

All other quality control parameters were within the acceptance limits.

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Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: 774776CA01AH

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.95		0.020	0.50
Freon 22	9.3		0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.72		0.034	0.50
n-Butane	1.4		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	5.2		0.021	0.20
Freon TF	0.065	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	12		0.40	5.0
Isopropyl alcohol	0.84	J	0.076	5.0
Carbon disulfide	0.069	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.30	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.076	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.15	J	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.45		0.024	0.20
Tetrahydrofuran	0.61	J	0.029	5.0
1,1,1-Trichloroethane	0.17	J	0.020	0.20
Cyclohexane	0.11	J	0.019	0.20
Carbon tetrachloride	0.29		0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.078	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	3.7		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.046	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA01AH**

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	4.7		0.099	2.5
Freon 22	33		0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.5		0.070	1.0
n-Butane	3.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	29		0.12	1.1
Freon TF	0.50	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	28		0.95	12
Isopropyl alcohol	2.1	J	0.19	12
Carbon disulfide	0.21	J	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA01AH**

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.0	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.27	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.45	J	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	2.2		0.12	0.98
Tetrahydrofuran	1.8	J	0.086	15
1,1,1-Trichloroethane	0.91	J	0.11	1.1
Cyclohexane	0.38	J	0.065	0.69
Carbon tetrachloride	1.8		0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.25	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	20		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.17	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA01AH**

Lab Sample ID: 280-39216-1
Client Matrix: Air

Date Sampled: 02/15/2013 1055
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/13/2013 1054			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1054			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA01AH**

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.66	J	0.040	1.0
Freon 22	0.35	J	0.046	1.0
1,2-Dichlorotetrafluoroethane	0.16	U	0.040	0.40
Chloromethane	0.28	J	0.068	1.0
n-Butane	1.2		0.044	1.0
Vinyl chloride	0.056	U	0.018	0.40
1,3-Butadiene	0.11	J	0.050	0.40
Bromomethane	0.16	U	0.054	0.40
Chloroethane	0.16	U	0.066	1.0
Bromoethene(Vinyl Bromide)	0.080	U	0.038	0.40
Trichlorofluoromethane	0.26	J	0.042	0.40
Freon TF	0.095	J	0.040	0.40
1,1-Dichloroethene	0.40	U	0.17	0.40
Acetone	47		0.80	10
Isopropyl alcohol	2.8	J	0.15	10
Carbon disulfide	0.16	U	0.040	1.0
3-Chloropropene	0.16	U	0.094	1.0
Methylene Chloride	0.16	U	0.046	1.0
tert-Butyl alcohol	0.16	U	0.082	10
Methyl tert-butyl ether	0.080	U	0.030	0.40
trans-1,2-Dichloroethene	0.16	U	0.046	0.40
n-Hexane	6.3		0.040	0.40
1,1-Dichloroethane	0.16	U	0.046	0.40
Methyl Ethyl Ketone	0.78	J	0.050	1.0
cis-1,2-Dichloroethene	0.40	U	0.17	0.40
1,2-Dichloroethene, Total	0.13	J	0.046	0.40
Chloroform	0.16	U	0.048	0.40
Tetrahydrofuran	0.16	U	0.058	10
1,1,1-Trichloroethane	0.16	U	0.040	0.40
Cyclohexane	2.2		0.038	0.40
Carbon tetrachloride	0.072	J	0.026	0.40
2,2,4-Trimethylpentane	2.2		0.030	0.40
Benzene	0.22	J	0.036	0.40
1,2-Dichloroethane	0.080	U	0.036	0.40
n-Heptane	2.5		0.034	0.40
Trichloroethene	17		0.018	0.40
Methyl methacrylate	0.080	U	0.032	1.0
1,2-Dichloropropane	0.16	U	0.046	0.40
1,4-Dioxane	0.40	U	0.14	10
Bromodichloromethane	0.080	U	0.024	0.40
cis-1,3-Dichloropropene	0.080	U	0.026	0.40
methyl isobutyl ketone	0.16	U	0.068	1.0
Toluene	0.26	J	0.028	0.40
trans-1,3-Dichloropropene	0.080	U	0.030	0.40
1,1,2-Trichloroethane	0.080	U	0.032	0.40
Tetrachloroethene	0.97		0.030	0.40

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA01AH**

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.16	U	0.080	1.0
Dibromochloromethane	0.080	U	0.022	0.40
1,2-Dibromoethane	0.080	U	0.028	0.40
Chlorobenzene	0.080	U	0.026	0.40
Ethylbenzene	0.080	U	0.030	0.40
m,p-Xylene	0.23	J	0.044	1.0
Xylene, o-	0.092	J	0.032	0.40
Xylene (total)	0.32	J	0.032	0.40
Styrene	0.080	U	0.022	0.40
Bromoform	0.056	U	0.014	0.40
Cumene	0.080	U	0.022	0.40
1,1,2,2-Tetrachloroethane	0.080	U	0.022	0.40
n-Propylbenzene	0.080	U	0.026	0.40
4-Ethyltoluene	0.080	U	0.030	0.40
1,3,5-Trimethylbenzene	0.080	U	0.038	0.40
2-Chlorotoluene	0.080	U	0.026	0.40
tert-Butylbenzene	0.080	U	0.022	0.40
1,2,4-Trimethylbenzene	0.15	J	0.042	0.40
sec-Butylbenzene	0.080	U	0.030	0.40
4-Isopropyltoluene	0.16	U	0.040	0.40
1,3-Dichlorobenzene	0.080	U	0.038	0.40
1,4-Dichlorobenzene	0.080	U	0.036	0.40
Benzyl chloride	0.16	U	0.044	0.40
n-Butylbenzene	0.16	U	0.044	0.40
1,2-Dichlorobenzene	0.16	U	0.052	0.40
1,2,4-Trichlorobenzene	0.16	U	0.060	1.0
Hexachlorobutadiene	0.16	U	0.058	0.40
Naphthalene	0.16	U	0.076	1.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.3	J	0.20	4.9
Freon 22	1.3	J	0.16	3.5
1,2-Dichlorotetrafluoroethane	1.1	U	0.28	2.8
Chloromethane	0.59	J	0.14	2.1
n-Butane	2.8		0.10	2.4
Vinyl chloride	0.14	U	0.047	1.0
1,3-Butadiene	0.23	J	0.11	0.88
Bromomethane	0.62	U	0.21	1.6
Chloroethane	0.42	U	0.17	2.6
Bromoethene(Vinyl Bromide)	0.35	U	0.17	1.7
Trichlorofluoromethane	1.5	J	0.24	2.2
Freon TF	0.73	J	0.31	3.1
1,1-Dichloroethene	1.6	U	0.68	1.6
Acetone	110		1.9	24
Isopropyl alcohol	6.8	J	0.37	25
Carbon disulfide	0.50	U	0.12	3.1

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: 785786CA01AH

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.50	U	0.29	3.1
Methylene Chloride	0.56	U	0.16	3.5
tert-Butyl alcohol	0.49	U	0.25	30
Methyl tert-butyl ether	0.29	U	0.11	1.4
trans-1,2-Dichloroethene	0.63	U	0.18	1.6
n-Hexane	22		0.14	1.4
1,1-Dichloroethane	0.65	U	0.19	1.6
Methyl Ethyl Ketone	2.3	J	0.15	2.9
cis-1,2-Dichloroethene	1.6	U	0.67	1.6
1,2-Dichloroethene, Total	0.52	J	0.18	1.6
Chloroform	0.78	U	0.23	2.0
Tetrahydrofuran	0.47	U	0.17	29
1,1,1-Trichloroethane	0.87	U	0.22	2.2
Cyclohexane	7.6		0.13	1.4
Carbon tetrachloride	0.45	J	0.16	2.5
2,2,4-Trimethylpentane	10		0.14	1.9
Benzene	0.72	J	0.12	1.3
1,2-Dichloroethane	0.32	U	0.15	1.6
n-Heptane	10		0.14	1.6
Trichloroethene	93		0.099	2.1
Methyl methacrylate	0.33	U	0.13	4.1
1,2-Dichloropropane	0.74	U	0.21	1.8
1,4-Dioxane	1.4	U	0.50	36
Bromodichloromethane	0.54	U	0.16	2.7
cis-1,3-Dichloropropene	0.36	U	0.12	1.8
methyl isobutyl ketone	0.66	U	0.28	4.1
Toluene	0.97	J	0.11	1.5
trans-1,3-Dichloropropene	0.36	U	0.14	1.8
1,1,2-Trichloroethane	0.44	U	0.17	2.2
Tetrachloroethene	6.6		0.20	2.7
Methyl Butyl Ketone (2-Hexanone)	0.66	U	0.33	4.1
Dibromochloromethane	0.68	U	0.19	3.4
1,2-Dibromoethane	0.61	U	0.22	3.1
Chlorobenzene	0.37	U	0.12	1.8
Ethylbenzene	0.35	U	0.13	1.7
m,p-Xylene	1.0	J	0.19	4.3
Xylene, o-	0.40	J	0.14	1.7
Xylene (total)	1.4	J	0.14	1.7
Styrene	0.34	U	0.094	1.7
Bromoform	0.58	U	0.15	4.1
Cumene	0.39	U	0.11	2.0
1,1,2,2-Tetrachloroethane	0.55	U	0.15	2.7
n-Propylbenzene	0.39	U	0.13	2.0
4-Ethyltoluene	0.39	U	0.15	2.0
1,3,5-Trimethylbenzene	0.39	U	0.19	2.0
2-Chlorotoluene	0.41	U	0.13	2.1

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA01AH**

Lab Sample ID: 280-39216-2
Client Matrix: Air

Date Sampled: 02/14/2013 1435
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic027.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/13/2013 1240			Final Weight/Volume:	200 mL
Prep Date:	03/13/2013 1240			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.44	U	0.12	2.2
1,2,4-Trimethylbenzene	0.73	J	0.21	2.0
sec-Butylbenzene	0.44	U	0.16	2.2
4-Isopropyltoluene	0.88	U	0.22	2.2
1,3-Dichlorobenzene	0.48	U	0.23	2.4
1,4-Dichlorobenzene	0.48	U	0.22	2.4
Benzyl chloride	0.83	U	0.23	2.1
n-Butylbenzene	0.88	U	0.24	2.2
1,2-Dichlorobenzene	0.96	U	0.31	2.4
1,2,4-Trichlorobenzene	1.2	U	0.45	7.4
Hexachlorobutadiene	1.7	U	0.62	4.3
Naphthalene	0.84	U	0.40	5.2

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: 774776CA02AF

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.78		0.020	0.50
Freon 22	7.9		0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.50		0.034	0.50
n-Butane	1.8		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	6.1		0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	6.7		0.40	5.0
Isopropyl alcohol	2.3	J	0.076	5.0
Carbon disulfide	0.33	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.19	J	0.023	0.50
tert-Butyl alcohol	0.43	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.77		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.1		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.11	J	0.024	0.20
Tetrahydrofuran	1.2	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.28		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.21		0.015	0.20
Benzene	0.085	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.38		0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.34		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: 774776CA02AF

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.095	J	0.015	0.20
m,p-Xylene	0.32	J	0.022	0.50
Xylene, o-	0.10	J	0.016	0.20
Xylene (total)	0.42		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.11	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.9		0.099	2.5
Freon 22	28		0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.0		0.070	1.0
n-Butane	4.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	34		0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	16		0.95	12
Isopropyl alcohol	5.7	J	0.19	12
Carbon disulfide	1.0	J	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: 774776CA02AF

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.67	J	0.080	1.7
tert-Butyl alcohol	1.3	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	2.7		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.2		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.54	J	0.12	0.98
Tetrahydrofuran	3.5	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.96		0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.97		0.070	0.93
Benzene	0.27	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	1.6		0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	1.3		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.41	J	0.065	0.87
m,p-Xylene	1.4	J	0.096	2.2
Xylene, o-	0.44	J	0.069	0.87
Xylene (total)	1.8		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **774776CA02AF**

Lab Sample ID: 280-39216-3
Client Matrix: Air

Date Sampled: 02/15/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2050			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2050			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.54	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: 785786CA02AF

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.45	J	0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.20	J	0.034	0.50
n-Butane	0.45	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.18	J	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	6.1		0.40	5.0
Isopropyl alcohol	2.7	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.13	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.59		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	1.5	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.0		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.71		0.015	0.20
Benzene	0.098	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	1.1		0.017	0.20
Trichloroethene	0.82		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.15	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.18	J	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA02AF**

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.074	J	0.015	0.20
m,p-Xylene	0.26	J	0.022	0.50
Xylene, o-	0.10	J	0.016	0.20
Xylene (total)	0.36		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.054	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.2	J	0.099	2.5
Freon 22	0.99	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.42	J	0.070	1.0
n-Butane	1.1	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.98	J	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	15		0.95	12
Isopropyl alcohol	6.8	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA02AF**

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.46	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.7		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	1.8		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	4.4	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	3.6		0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	3.3		0.070	0.93
Benzene	0.31	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	4.7		0.070	0.82
Trichloroethene	4.4		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.56	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	1.3	J	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.32	J	0.065	0.87
m,p-Xylene	1.1	J	0.096	2.2
Xylene, o-	0.45	J	0.069	0.87
Xylene (total)	1.6		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39216-1

Client Sample ID: **785786CA02AF**

Lab Sample ID: 280-39216-4
Client Matrix: Air

Date Sampled: 02/14/2013 1440
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-52936	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clic010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/12/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/12/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.26	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

FPM GROUP, LTD.
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
GRIFFISS LTM SAMPLING
Site Griffiss AFB Buildings 774/776 Sampling
Soil Vapor Sampling
Contract No. FA8903-10-D-8595

FPM Project No. 1015-11-01

TestAmerica Job # 280-39218-1

Laboratory:	TestAmerica, Inc.
Sample Matrix:	Soil Vapor
Number of Samples:	10
Analytical Protocol:	AFCEE QAPP, Version 4.2, with AFCEE-approved lab variances
Data Reviewer:	Connie van Hoesel
Sample Date:	February 21, 2013

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	Sample ID	Date
774VMP0101HA	2/21/13		
774VMP0201HA	2/21/13		
774VMP0301HA	2/21/13		
776VMP0101HA	2/21/13		
776VMP0201HA	2/21/13	776VMP0201HC	2/21/13
776VMP0301HA	2/21/13		
774IA1IA	2/21/13		
774776OA1IA	2/21/13		
776IA1HA	2/21/13		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
HA, IA – Primary environmental samples
HC – Field duplicate sample

DELIVERABLES

The data deliverable report was per requirements of the DOD QSM, version 4.2, as specified in the project-specific QAPP. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the sample analyses were per methods as specified in the DOD QSM, version 4.2, with project-specific modifications as listed in the project-specific QAPP. The analytical methods employed included the EPA Compendium Methods for toxic organics: Volatile Organic Compounds (VOC) by EPA method TO-15.

VERIFICATION GUIDANCE

The analytical work was performed by TestAmerica Laboratories, Inc. in accordance with the DOD QSM, version 4.2, and QC requirements of the respective analytical methods and of the project-specific QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the DOD QSM, and the criteria as listed in the project-specific QAPP.

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and limits of quantitation (DL, LOQ)
- Holding times
- GC/MS tune performance
- Initial and Continuing calibration summaries
- Method blanks
- Field duplicate results
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)
- Results reported between DL and LOQ (J-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with DOD QSM, version 4.2, and project-specific QAPP criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between DL and LOQ), the laboratory qualified the subject results with a "J" flag. Since no qualification of associated field samples are required for blank concentrations less than half the LOQ, no further action was taken in such instances.

INITIAL PRESSURE

The laboratory notified FPM that all samples were received at zero vacuum. Per FPM's request, the samples were analyzed as requested.

SAMPLE LABELING

According to the case narrative, sample IDs on the Summa canisters did not match the IDs on the chain of custody. The IDs were logged per the chain of custody per FPM's request.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- According to the case narrative, the following samples were analyzed at initial dilution: 774VMP0101HA at 1:2 and 774VMP0301HA at 1:5. The dilution results only are reported and are used in data verification as representing original results.

- According to the case narrative, in the following continuing calibration verification (CCV), analytes exhibited the following exceedances:

Type of Calibration Exceedance Affected Analytes	%D/ %RSD	AFCEE QC Limit	Flag Applied	Rationale
CCV 200-53040/3				
Freon 22	***33.8***	±30	J	%D > upper control limit
ICV 200-53304/15				
1,2,4-Trichlorobenzene	***46.8***	±30	None	%D > upper control limit, associated results non-detect
Naphthalene	***93.7***	±30	None	%D > upper control limit, associated results non-detect

Corrective Action: For Freon 22, the standard response was above the acceptance limit, and the associated positive results may be biased high. For the 1,2,4-trichlorobenzene and naphthalene results, no flagging was deemed necessary since the %D was above the acceptance limit, but associated results were non-detect.

- Laboratory control samples (LCS) are samples spiked with all analytes of interest at known concentrations. The following table summarizes QC exceedances of the LCS analysis. The LCS ID, percent recovery, and QC limits are listed.

LCS Job Number Spike Analytes	LCS %Rec	QC Limits (%)	Flag Applied	Rationale
TestAmerica Job #280-39218-1: LCS/LCSD 200-53040/4				
LCS: Freon 22	***131***	70-130	J	%Rec greater than upper control limit
TestAmerica Job #280-39218-1: LCS/LCSD 200-53337/3				
LCS: 1,2,4-Trichlorobenzene	***152***	70-130	None	%Rec greater than upper control limit; all associated results non-detect
LCS: Naphthalene	***200***	70-130	None	%Rec greater than upper control limit; all associated results non-detect

The LCS analyses are used to assess the overall laboratory performance pertaining to the analytical method. The QAPP includes method-specific QC acceptance criteria for the percent recovery of the spike compounds. The LCS results are used to evaluate each analytical batch and to determine if the method is within control limits. When an LCS analyte is outside the acceptance limit, the laboratory shall perform corrective action. If the corrective action is ineffective in resolving the exceedance, then that analyte's results in all the associated samples are qualified. According to the QAPP, when the percent recovery (%Rec) is greater than the upper control limit, positive results are considered estimated

(flagged "J"); and when the %Rec is less than the lower control limit, positive values are estimated (flagged "J") and non-detects are estimated (flagged "UJ"), unless a very low bias (<30%) is observed, in which case the non-detects are rejected (flagged "R"). The DOD QSM does allow for sporadic marginal exceedances.

- **Corrective Action:** According to the case narrative, the laboratory did not perform corrective action for 1,2,4-trichlorobenzene and naphthalene since the LCS exceeded control limits and all associated results were non-detect. Using professional judgment, the results were deemed usable without qualification. Since the LCS exceedance was only marginal for Freon 22, associated results are deemed usable, albeit estimated, and no corrective action was deemed necessary.

- Field duplicate samples, which are collected at the same location and at the same time using identical collection, handling, and analytical procedures, are used to assess precision of the sample collection process. Using professional judgment, for sample results greater than the RL (equivalent to the LOQ), an RPD greater than 25% would at least warrant a "J" flag, especially for those results greater than 5 times (5x) the reporting limit. If either the parent or the duplicate sample is less than 5x the LOQ, then the difference between the parent and duplicate sample must be less than 2x the LOQ. "J" flags for detects and "UJ" flags for non-detects are required per the QAPP for any exceedances.
  The following table summarizes results of the relative percent differences (RPD's) of field duplicate samples 774VMP0201HA and 774VMP0201HC.

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD/ Total Diff-erence	Flag Applied	Rationale
774VMP0201HA	774VMP0201HC	Dichlorodifluoromethane	2.4 J	2.5	2.5	0.1	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Freon 22	68	62	1.8	9.2	None	RPD<25%
774VMP0201HA	774VMP0201HC	Chloromethane	1.7	1.6	1.0	0.1	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	n-Butane	2.3	2.7	1.2	0.4	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Trichlorofluoromethane	1.5	1.4	1.1	0.1	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Freon TF	0.68 J	0.60 J	1.5	0.08	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Acetone	36	28	12	8	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Isopropyl alcohol	44	32	12	12	None	Total difference < 2xLOQ
774VMP0201H	774VMP0201H	Carbon disulfide	0.33 J	0.25 U	1.6	0.08	None	Total

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD/ Total Diff-erence	Flag Applied	Rationale
A	C							difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Methylene chloride	0.98 J	0.89 J	1.7	0.09	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	tert-Butyl alcohol	1.7 J	0.57 J	15	1.13	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	n-Hexane	8.5	5.7	0.70	***39.4***	J	RPD>25%
774VMP0201HA	774VMP0201HC	Methyl Ethyl Ketone	3.6	2.2	1.5	1.4	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Tetrahydrofuran	0.24 U	3.3 J	15	3.06	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Cyclohexane	5.5	4.9	0.69	0.6	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Carbon Tetrachloride	0.56 J	0.37 J	1.3	0.19	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	2,2,4-Trimethylpentane	6.5	0.19 U	0.93	***6.31***	J/UJ	Total difference > 2xLOQ
774VMP0201HA	774VMP0201HC	Benzene	0.92	0.53 J	0.64	0.39	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	n-Heptane	7.1	1.0	0.82	***6.1***	J	Total difference > 2xLOQ
774VMP0201HA	774VMP0201HC	Trichloroethene	0.33 J	0.20 J	1.1	0.13	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Methyl isobutyl ketone	0.39 J	0.33 U	2.0	0.06	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Toluene	3.6	0.36 J	0.75	***3.24***	J	Total difference > 2xLOQ
774VMP0201HA	774VMP0201HC	Ethylbenzene	0.98	0.17 U	0.87	0.81	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	m,p-Xylene	3.2	0.17 U	2.2	3.03	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	o-Xylene	1.0	0.17 U	0.87	0.83	None	Total difference

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD/ Total Diff-erence	Flag Applied	Rationale
								< 2xLOQ
774VMP0201HA	774VMP0201HC	Total Xylene	4.2	0.17 U	0.87	***4.03***	J/UJ	Total difference > 2xLOQ
774VMP0201HA	774VMP0201HC	4-Ethyltoluene	0.27 J	0.20 U	0.98	0.07	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	1,2,4-Trimethylbenzene	0.73 J	0.39 U	0.98	0.34	None	Total difference < 2xLOQ
774VMP0201HA	774VMP0201HC	Naphthalene	0.50 J	0.42 U	2.6	0.08	None	Total difference < 2xLOQ

- **Corrective Action:** "J" flags were applied for the n-hexane, 2,2,4-trimethylpentane, n-heptane, toluene and total xylene results due to RPD and/or total difference exceedances in the duplicate sample set 774VMP0201HA/HC. The remaining results met the field duplicate criterion as described above.

DATA USABILITY RESULTS

VOCs

Based on the evaluation of all information in the analytical data groups, the results for VOCs are usable with the data qualifiers as noted. It should be noted that non-reportable results did not affect overall data usability. Using the verification approach as presented above, the results for all above samples are 100% usable.

AFCEE SUMMARY

All data in Job # 280-39218-1 are usable, which can be used with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 5/13/13

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39218-1	774VMP0101HA	Air	02/21/2013 1100	02/22/2013 1030
280-39218-2	774VMP0201HA	Air	02/21/2013 1030	02/22/2013 1030
280-39218-3	774VMP0301HA	Air	02/21/2013 1035	02/22/2013 1030
280-39218-4	776VMP0201HC	Air	02/21/2013 1206	02/22/2013 1030
280-39218-5	776VMP0101HA	Air	02/21/2013 1220	02/22/2013 1030
280-39218-6	776VMP0201HA	Air	02/21/2013 1205	02/22/2013 1030
280-39218-7	776VMP0301HA	Air	02/21/2013 1230	02/22/2013 1030
280-39218-8	774IA1IA	Air	02/21/2013 0855	02/22/2013 1030
280-39218-9	774776OA1IA	Air	02/21/2013 0900	02/22/2013 1030
280-39218-10	776IA1HA	Air	02/21/2013 0850	02/22/2013 1030

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-39218-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39218-1	774VMP0101HA					
Dichlorodifluoromethane		0.68	J	1.0	ppb v/v	TO-15
Dichlorodifluoromethane		3.4	J	4.9	ug/m3	TO-15
Freon 22		2.1	Q	1.0	ppb v/v	TO-15
Freon 22		7.3	Q	3.5	ug/m3	TO-15
Chloromethane		1.0		1.0	ppb v/v	TO-15
Chloromethane		2.1		2.1	ug/m3	TO-15
n-Butane		1.6		1.0	ppb v/v	TO-15
n-Butane		3.7		2.4	ug/m3	TO-15
Trichlorofluoromethane		0.35	J	0.40	ppb v/v	TO-15
Trichlorofluoromethane		2.0	J	2.2	ug/m3	TO-15
Freon TF		0.11	J	0.40	ppb v/v	TO-15
Freon TF		0.84	J	3.1	ug/m3	TO-15
Acetone		36		10	ppb v/v	TO-15
Acetone		86		24	ug/m3	TO-15
Isopropyl alcohol		26		10	ppb v/v	TO-15
Isopropyl alcohol		65		25	ug/m3	TO-15
Carbon disulfide		0.49	J	1.0	ppb v/v	TO-15
Carbon disulfide		1.5	J	3.1	ug/m3	TO-15
Methylene Chloride		0.46	J	1.0	ppb v/v	TO-15
Methylene Chloride		1.6	J	3.5	ug/m3	TO-15
n-Hexane		7.5		0.40	ppb v/v	TO-15
n-Hexane		27		1.4	ug/m3	TO-15
Methyl Ethyl Ketone		2.1		1.0	ppb v/v	TO-15
Methyl Ethyl Ketone		6.1		2.9	ug/m3	TO-15
Cyclohexane		5.3		0.40	ppb v/v	TO-15
Cyclohexane		18		1.4	ug/m3	TO-15
2,2,4-Trimethylpentane		3.1		0.40	ppb v/v	TO-15
2,2,4-Trimethylpentane		15		1.9	ug/m3	TO-15
Benzene		0.42		0.40	ppb v/v	TO-15
Benzene		1.3		1.3	ug/m3	TO-15
n-Heptane		4.3		0.40	ppb v/v	TO-15
n-Heptane		18		1.6	ug/m3	TO-15
Trichloroethene		0.10	J	0.40	ppb v/v	TO-15
Trichloroethene		0.55	J	2.1	ug/m3	TO-15
Toluene		2.0		0.40	ppb v/v	TO-15
Toluene		7.4		1.5	ug/m3	TO-15
Ethylbenzene		0.41		0.40	ppb v/v	TO-15
Ethylbenzene		1.8		1.7	ug/m3	TO-15
m,p-Xylene		1.5		1.0	ppb v/v	TO-15
m,p-Xylene		6.4		4.3	ug/m3	TO-15
Xylene, o-		0.46		0.40	ppb v/v	TO-15
Xylene, o-		2.0		1.7	ug/m3	TO-15
Xylene (total)		1.9		0.40	ppb v/v	TO-15
Xylene (total)		8.4		1.7	ug/m3	TO-15
Styrene		0.096	J	0.40	ppb v/v	TO-15
Styrene		0.41	J	1.7	ug/m3	TO-15

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-39218-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

Ten samples were received at TestAmerica Burlington on 02/22/2013; the samples arrived in good condition and properly preserved.

In all cases, the sample IDs on the Summa canisters do not match the IDs on the chain of custody (COC). The last two characters in each ID is reversed on the container labels. All IDs have been logged per the COC. The client was notified via email on 02/26/2013.

Samples 776VMP0101HA (280-39218-5) and 776VMP0301HA (280-39218-7) were received with zero vacuum, and the client was notified on 03/27/2013. The client instructed the laboratory to proceed with the requested analyses.

VOLATILE ORGANIC COMPOUNDS (TO-15)

Samples 774VMP0101HA (280-39218-1), 774VMP0201HA (280-39218-2), 774VMP0301HA (280-39218-3), 776VMP0201HC (280-39218-4), 776VMP0101HA (280-39218-5), 776VMP0201HA (280-39218-6), 776VMP0301HA (280-39218-7), 774IA1IA (280-39218-8), 774776OA1IA (280-39218-9), and 776IA1HA (280-39218-10) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 03/14/2013, 03/15/2013 and 03/22/2013.

Chloromethane, Methylene Chloride, and n-Butane were detected in method blank MB 200-53040/5 at levels that were above the method detection limits but below the reporting limits. The values should be considered estimates, and have been flagged "J". However, because the result concentrations were less than ½ the respective reporting limits, no corrective action was necessary.

Methylene Chloride was detected in method blank MB 200-53337/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". However, because the result concentration was less than ½ the reporting limit, no corrective action was necessary.

Freon 22 failed the recovery criteria high for LCS 200-53040/4. This analyte was biased high in the LCS and the data have been reported and flagged "Q".

1,2,4-Trichlorobenzene and Naphthalene failed the recovery criteria high for LCS 200-53337/3. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported and flagged "Q".

Samples 774VMP0101HA (280-39218-1) and 774VMP0301HA (280-39218-3) required dilutions prior to analysis due to the abundance of target and/or non-target analytes. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the TO15 analyses.

All other quality control parameters were within the acceptance limits.

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Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1
Client Matrix: Air

Date Sampled: 02/21/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	die025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.68	J	0.040	1.0
Freon 22	2.1	~~J~~	0.046	1.0
1,2-Dichlorotetrafluoroethane	0.16	U	0.040	0.40
Chloromethane	1.0		0.068	1.0
n-Butane	1.6		0.044	1.0
Vinyl chloride	0.056	U	0.018	0.40
1,3-Butadiene	0.16	U	0.050	0.40
Bromomethane	0.16	U	0.054	0.40
Chloroethane	0.16	U	0.066	1.0
Bromoethene(Vinyl Bromide)	0.080	U	0.038	0.40
Trichlorofluoromethane	0.35	J	0.042	0.40
Freon TF	0.11	J	0.040	0.40
1,1-Dichloroethene	0.40	U	0.17	0.40
Acetone	36		0.80	10
Isopropyl alcohol	26		0.15	10
Carbon disulfide	0.49	J	0.040	1.0
3-Chloropropene	0.16	U	0.094	1.0
Methylene Chloride	0.46	J	0.046	1.0
tert-Butyl alcohol	0.16	U	0.082	10
Methyl tert-butyl ether	0.080	U	0.030	0.40
trans-1,2-Dichloroethene	0.16	U	0.046	0.40
n-Hexane	7.5		0.040	0.40
1,1-Dichloroethane	0.16	U	0.046	0.40
Methyl Ethyl Ketone	2.1		0.050	1.0
cis-1,2-Dichloroethene	0.40	U	0.17	0.40
1,2-Dichloroethene, Total	0.16	U	0.046	0.40
Chloroform	0.16	U	0.048	0.40
Tetrahydrofuran	0.16	U	0.058	10
1,1,1-Trichloroethane	0.16	U	0.040	0.40
Cyclohexane	5.3		0.038	0.40
Carbon tetrachloride	0.080	U	0.026	0.40
2,2,4-Trimethylpentane	3.1		0.030	0.40
Benzene	0.42		0.036	0.40
1,2-Dichloroethane	0.080	U	0.036	0.40
n-Heptane	4.3		0.034	0.40
Trichloroethene	0.10	J	0.018	0.40
Methyl methacrylate	0.080	U	0.032	1.0
1,2-Dichloropropane	0.16	U	0.046	0.40
1,4-Dioxane	0.40	U	0.14	10
Bromodichloromethane	0.080	U	0.024	0.40
cis-1,3-Dichloropropene	0.080	U	0.026	0.40
methyl isobutyl ketone	0.16	U	0.068	1.0
Toluene	2.0		0.028	0.40
trans-1,3-Dichloropropene	0.080	U	0.030	0.40
1,1,2-Trichloroethane	0.080	U	0.032	0.40
Tetrachloroethene	0.080	U	0.030	0.40

CWA
5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1
Client Matrix: Air

Date Sampled: 02/21/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.16	U	0.080	1.0
Dibromochloromethane	0.080	U	0.022	0.40
1,2-Dibromoethane	0.080	U	0.028	0.40
Chlorobenzene	0.080	U	0.026	0.40
Ethylbenzene	0.41		0.030	0.40
m,p-Xylene	1.5		0.044	1.0
Xylene, o-	0.46		0.032	0.40
Xylene (total)	1.9		0.032	0.40
Styrene	0.096	J	0.022	0.40
Bromoform	0.056	U	0.014	0.40
Cumene	0.080	U	0.022	0.40
1,1,2,2-Tetrachloroethane	0.080	U	0.022	0.40
n-Propylbenzene	0.080	U	0.026	0.40
4-Ethyltoluene	0.11	J	0.030	0.40
1,3,5-Trimethylbenzene	0.11	J	0.038	0.40
2-Chlorotoluene	0.080	U	0.026	0.40
tert-Butylbenzene	0.080	U	0.022	0.40
1,2,4-Trimethylbenzene	0.26	J	0.042	0.40
sec-Butylbenzene	0.080	U	0.030	0.40
4-Isopropyltoluene	0.16	U	0.040	0.40
1,3-Dichlorobenzene	0.080	U	0.038	0.40
1,4-Dichlorobenzene	0.080	U	0.036	0.40
Benzyl chloride	0.16	U	0.044	0.40
n-Butylbenzene	0.16	U	0.044	0.40
1,2-Dichlorobenzene	0.16	U	0.052	0.40
1,2,4-Trichlorobenzene	0.16	U	0.060	1.0
Hexachlorobutadiene	0.16	U	0.058	0.40
Naphthalene	0.22	J	0.076	1.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.4	J	0.20	4.9
Freon 22	7.3	~~U~~ J	0.16	3.5
1,2-Dichlorotetrafluoroethane	1.1	U	0.28	2.8
Chloromethane	2.1		0.14	2.1
n-Butane	3.7		0.10	2.4
Vinyl chloride	0.14	U	0.047	1.0
1,3-Butadiene	0.35	U	0.11	0.88
Bromomethane	0.62	U	0.21	1.6
Chloroethane	0.42	U	0.17	2.6
Bromoethene(Vinyl Bromide)	0.35	U	0.17	1.7
Trichlorofluoromethane	2.0	J	0.24	2.2
Freon TF	0.84	J	0.31	3.1
1,1-Dichloroethene	1.6	U	0.68	1.6
Acetone	86		1.9	24
Isopropyl alcohol	65		0.37	25
Carbon disulfide	1.5	J	0.12	3.1

CWA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1
Client Matrix: Air

Date Sampled: 02/21/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.50	U	0.29	3.1
Methylene Chloride	1.6	J	0.16	3.5
tert-Butyl alcohol	0.49	U	0.25	30
Methyl tert-butyl ether	0.29	U	0.11	1.4
trans-1,2-Dichloroethene	0.63	U	0.18	1.6
n-Hexane	27		0.14	1.4
1,1-Dichloroethane	0.65	U	0.19	1.6
Methyl Ethyl Ketone	6.1		0.15	2.9
cis-1,2-Dichloroethene	1.6	U	0.67	1.6
1,2-Dichloroethene, Total	0.63	U	0.18	1.6
Chloroform	0.78	U	0.23	2.0
Tetrahydrofuran	0.47	U	0.17	29
1,1,1-Trichloroethane	0.87	U	0.22	2.2
Cyclohexane	18		0.13	1.4
Carbon tetrachloride	0.50	U	0.16	2.5
2,2,4-Trimethylpentane	15		0.14	1.9
Benzene	1.3		0.12	1.3
1,2-Dichloroethane	0.32	U	0.15	1.6
n-Heptane	18		0.14	1.6
Trichloroethene	0.55	J	0.099	2.1
Methyl methacrylate	0.33	U	0.13	4.1
1,2-Dichloropropane	0.74	U	0.21	1.8
1,4-Dioxane	1.4	U	0.50	36
Bromodichloromethane	0.54	U	0.16	2.7
cis-1,3-Dichloropropene	0.36	U	0.12	1.8
methyl isobutyl ketone	0.66	U	0.28	4.1
Toluene	7.4		0.11	1.5
trans-1,3-Dichloropropene	0.36	U	0.14	1.8
1,1,2-Trichloroethane	0.44	U	0.17	2.2
Tetrachloroethene	0.54	U	0.20	2.7
Methyl Butyl Ketone (2-Hexanone)	0.66	U	0.33	4.1
Dibromochloromethane	0.68	U	0.19	3.4
1,2-Dibromoethane	0.61	U	0.22	3.1
Chlorobenzene	0.37	U	0.12	1.8
Ethylbenzene	1.8		0.13	1.7
m,p-Xylene	6.4		0.19	4.3
Xylene, o-	2.0		0.14	1.7
Xylene (total)	8.4		0.14	1.7
Styrene	0.41	J	0.094	1.7
Bromoform	0.58	U	0.15	4.1
Cumene	0.39	U	0.11	2.0
1,1,2,2-Tetrachloroethane	0.55	U	0.15	2.7
n-Propylbenzene	0.39	U	0.13	2.0
4-Ethyltoluene	0.55	J	0.15	2.0
1,3,5-Trimethylbenzene	0.52	J	0.19	2.0
2-Chlorotoluene	0.41	U	0.13	2.1

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0101HA**

Lab Sample ID: 280-39218-1
Client Matrix: Air

Date Sampled: 02/21/2013 1100
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie025.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/15/2013 0908			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0908			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.44	U	0.12	2.2
1,2,4-Trimethylbenzene	1.3	J	0.21	2.0
sec-Butylbenzene	0.44	U	0.16	2.2
4-Isopropyltoluene	0.88	U	0.22	2.2
1,3-Dichlorobenzene	0.48	U	0.23	2.4
1,4-Dichlorobenzene	0.48	U	0.22	2.4
Benzyl chloride	0.83	U	0.23	2.1
n-Butylbenzene	0.88	U	0.24	2.2
1,2-Dichlorobenzene	0.96	U	0.31	2.4
1,2,4-Trichlorobenzene	1.2	U	0.45	7.4
Hexachlorobutadiene	1.7	U	0.62	4.3
Naphthalene	1.1	J	0.40	5.2

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0201HA**

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.020	0.50
Freon 22	1.9	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.91		0.034	0.50
n-Butane	1.5		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.33		0.021	0.20
Freon TF	0.085	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	34		0.40	5.0
Isopropyl alcohol	16		0.076	5.0
Carbon disulfide	0.14	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.22	J	0.023	0.50
tert-Butyl alcohol	0.46	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	6.7		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.8		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	3.6		0.019	0.20
Carbon tetrachloride	0.12	J	0.013	0.20
2,2,4-Trimethylpentane	2.6		0.015	0.20
Benzene	0.37		0.018	0.20
1,2-Dichloroethane	0.091	J	0.018	0.20
n-Heptane	4.3		0.017	0.20
Trichloroethene	0.045	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.2		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

ckt 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0201HA**

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.I
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.35		0.015	0.20
m,p-Xylene	1.1		0.022	0.50
Xylene, o-	0.28		0.016	0.20
Xylene (total)	1.4		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.053	J	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.091	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.099	2.5
Freon 22	6.7	~~U~~ J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.9		0.070	1.0
n-Butane	3.6		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.8		0.12	1.1
Freon TF	0.65	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	82		0.95	12
Isopropyl alcohol	39		0.19	12
Carbon disulfide	0.42	J	0.062	1.6

CMA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0201HA**

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.77	J	0.080	1.7
tert-Butyl alcohol	1.4	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	23		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	5.4		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	12		0.065	0.69
Carbon tetrachloride	0.76	J	0.082	1.3
2,2,4-Trimethylpentane	12		0.070	0.93
Benzene	1.2		0.058	0.64
1,2-Dichloroethane	0.37	J	0.073	0.81
n-Heptane	18		0.070	0.82
Trichloroethene	0.24	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	4.7		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	1.5		0.065	0.87
m,p-Xylene	4.7		0.096	2.2
Xylene, o-	1.2		0.069	0.87
Xylene (total)	5.9		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.26	J	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: 774VMP0201HA

Lab Sample ID: 280-39218-2
Client Matrix: Air

Date Sampled: 02/21/2013 1030
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/14/2013 2143			Final Weight/Volume:	200 mL
Prep Date:	03/14/2013 2143			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.45	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.71	J Ø	0.10	2.5
Freon 22	3.2	~~D Q~~ J	0.12	2.5
1,2-Dichlorotetrafluoroethane	0.40	U	0.10	1.0
Chloromethane	0.63	J Ø	0.17	2.5
n-Butane	1.3	J Ø	0.11	2.5
Vinyl chloride	0.14	U	0.046	1.0
1,3-Butadiene	0.40	U	0.13	1.0
Bromomethane	0.40	U	0.14	1.0
Chloroethane	0.40	U	0.17	2.5
Bromoethene(Vinyl Bromide)	0.20	U	0.095	1.0
Trichlorofluoromethane	0.96	J Ø	0.11	1.0
Freon TF	0.40	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.43	1.0
Acetone	39	Ø	2.0	25
Isopropyl alcohol	26	Ø	0.38	25
Carbon disulfide	2.9	Ø	0.10	2.5
3-Chloropropene	0.40	U	0.24	2.5
Methylene Chloride	0.68	J Ø	0.12	2.5
tert-Butyl alcohol	0.40	U	0.21	25
Methyl tert-butyl ether	0.20	U	0.075	1.0
trans-1,2-Dichloroethene	0.40	U	0.12	1.0
n-Hexane	5.8	Ø	0.10	1.0
1,1-Dichloroethane	0.40	U	0.12	1.0
Methyl Ethyl Ketone	4.5	Ø	0.13	2.5
cis-1,2-Dichloroethene	1.0	U	0.42	1.0
1,2-Dichloroethene, Total	0.40	U	0.12	1.0
Chloroform	0.40	U	0.12	1.0
Tetrahydrofuran	0.40	U	0.15	25
1,1,1-Trichloroethane	0.40	U	0.10	1.0
Cyclohexane	3.5	Ø	0.095	1.0
Carbon tetrachloride	0.20	U	0.065	1.0
2,2,4-Trimethylpentane	2.8	Ø	0.075	1.0
Benzene	0.92	J Ø	0.090	1.0
1,2-Dichloroethane	0.20	U	0.090	1.0
n-Heptane	4.2	Ø	0.085	1.0
Trichloroethene	0.25	J Ø	0.046	1.0
Methyl methacrylate	0.20	U	0.080	2.5
1,2-Dichloropropane	0.40	U	0.12	1.0
1,4-Dioxane	1.0	U	0.35	25
Bromodichloromethane	0.20	U	0.060	1.0
cis-1,3-Dichloropropene	0.20	U	0.065	1.0
methyl isobutyl ketone	0.26	J Ø	0.17	2.5
Toluene	3.1	Ø	0.070	1.0
trans-1,3-Dichloropropene	0.20	U	0.075	1.0
1,1,2-Trichloroethane	0.20	U	0.080	1.0
Tetrachloroethene	0.20	U	0.075	1.0

cmt 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.40	U	0.20	2.5
Dibromochloromethane	0.20	U	0.055	1.0
1,2-Dibromoethane	0.20	U	0.070	1.0
Chlorobenzene	0.20	U	0.065	1.0
Ethylbenzene	0.93	J ~~D~~	0.075	1.0
m,p-Xylene	3.4	~~D~~	0.11	2.5
Xylene, o-	0.85	J ~~D~~	0.080	1.0
Xylene (total)	4.2	~~D~~	0.080	1.0
Styrene	0.20	U	0.055	1.0
Bromoform	0.14	U	0.036	1.0
Cumene	0.20	U	0.055	1.0
1,1,2,2-Tetrachloroethane	0.20	U	0.055	1.0
n-Propylbenzene	0.20	U	0.065	1.0
4-Ethyltoluene	0.20	U	0.075	1.0
1,3,5-Trimethylbenzene	0.20	U	0.095	1.0
2-Chlorotoluene	0.20	U	0.065	1.0
tert-Butylbenzene	0.20	U	0.055	1.0
1,2,4-Trimethylbenzene	0.29	J ~~D~~	0.11	1.0
sec-Butylbenzene	0.20	U	0.075	1.0
4-Isopropyltoluene	0.33	J ~~D~~	0.10	1.0
1,3-Dichlorobenzene	0.20	U	0.095	1.0
1,4-Dichlorobenzene	0.20	U	0.090	1.0
Benzyl chloride	0.40	U	0.11	1.0
n-Butylbenzene	0.40	U	0.11	1.0
1,2-Dichlorobenzene	0.40	U	0.13	1.0
1,2,4-Trichlorobenzene	0.40	U	0.15	2.5
Hexachlorobutadiene	0.40	U	0.15	1.0
Naphthalene	0.40	U	0.19	2.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.5	J ~~D~~	0.49	12
Freon 22	11	~~D~~ J	0.41	8.8
1,2-Dichlorotetrafluoroethane	2.8	U	0.70	7.0
Chloromethane	1.3	J ~~D~~	0.35	5.2
n-Butane	3.2	J ~~D~~	0.26	5.9
Vinyl chloride	0.36	U	0.12	2.6
1,3-Butadiene	0.88	U	0.28	2.2
Bromomethane	1.6	U	0.52	3.9
Chloroethane	1.1	U	0.44	6.6
Bromoethene(Vinyl Bromide)	0.87	U	0.42	4.4
Trichlorofluoromethane	5.4	J ~~D~~	0.59	5.6
Freon TF	3.1	U	0.77	7.7
1,1-Dichloroethene	4.0	U	1.7	4.0
Acetone	94	~~D~~	4.8	59
Isopropyl alcohol	65	~~D~~	0.93	61
Carbon disulfide	9.0	~~D~~	0.31	7.8

cwk 3/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	0.74	7.8
Methylene Chloride	2.3	J D	0.40	8.7
tert-Butyl alcohol	1.2	U	0.62	76
Methyl tert-butyl ether	0.72	U	0.27	3.6
trans-1,2-Dichloroethene	1.6	U	0.46	4.0
n-Hexane	20	D	0.35	3.5
1,1-Dichloroethane	1.6	U	0.47	4.0
Methyl Ethyl Ketone	13	D	0.37	7.4
cis-1,2-Dichloroethene	4.0	U	1.7	4.0
1,2-Dichloroethene, Total	1.6	U	0.46	4.0
Chloroform	2.0	U	0.59	4.9
Tetrahydrofuran	1.2	U	0.43	74
1,1,1-Trichloroethane	2.2	U	0.55	5.5
Cyclohexane	12	D	0.33	3.4
Carbon tetrachloride	1.3	U	0.41	6.3
2,2,4-Trimethylpentane	13	D	0.35	4.7
Benzene	2.9	J D	0.29	3.2
1,2-Dichloroethane	0.81	U	0.36	4.0
n-Heptane	17	D	0.35	4.1
Trichloroethene	1.3	J D	0.25	5.4
Methyl methacrylate	0.82	U	0.33	10
1,2-Dichloropropane	1.8	U	0.53	4.6
1,4-Dioxane	3.6	U	1.3	90
Bromodichloromethane	1.3	U	0.40	6.7
cis-1,3-Dichloropropene	0.91	U	0.30	4.5
methyl isobutyl ketone	1.1	J D	0.70	10
Toluene	12	D	0.26	3.8
trans-1,3-Dichloropropene	0.91	U	0.34	4.5
1,1,2-Trichloroethane	1.1	U	0.44	5.5
Tetrachloroethene	1.4	U	0.51	6.8
Methyl Butyl Ketone (2-Hexanone)	1.6	U	0.82	10
Dibromochloromethane	1.7	U	0.47	8.5
1,2-Dibromoethane	1.5	U	0.54	7.7
Chlorobenzene	0.92	U	0.30	4.6
Ethylbenzene	4.0	J D	0.33	4.3
m,p-Xylene	15	D	0.48	11
Xylene, o-	3.7	J D	0.35	4.3
Xylene (total)	18	D	0.35	4.3
Styrene	0.85	U	0.23	4.3
Bromoform	1.4	U	0.37	10
Cumene	0.98	U	0.27	4.9
1,1,2,2-Tetrachloroethane	1.4	U	0.38	6.9
n-Propylbenzene	0.98	U	0.32	4.9
4-Ethyltoluene	0.98	U	0.37	4.9
1,3,5-Trimethylbenzene	0.98	U	0.47	4.9
2-Chlorotoluene	1.0	U	0.34	5.2

CMD 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774VMP0301HA**

Lab Sample ID: 280-39218-3
Client Matrix: Air

Date Sampled: 02/21/2013 1035
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	03/15/2013 1000			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1000			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	1.1	U	0.30	5.5
1,2,4-Trimethylbenzene	1.4	J Ø	0.52	4.9
sec-Butylbenzene	1.1	U	0.41	5.5
4-Isopropyltoluene	1.8	J Ø	0.55	5.5
1,3-Dichlorobenzene	1.2	U	0.57	6.0
1,4-Dichlorobenzene	1.2	U	0.54	6.0
Benzyl chloride	2.1	U	0.57	5.2
n-Butylbenzene	2.2	U	0.60	5.5
1,2-Dichlorobenzene	2.4	U	0.78	6.0
1,2,4-Trichlorobenzene	3.0	U	1.1	19
Hexachlorobutadiene	4.3	U	1.5	11
Naphthalene	2.1	U	1.0	13

CWA
5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.020	0.50
Freon 22	18	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.75		0.034	0.50
n-Butane	1.1		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.079	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	12		0.40	5.0
Isopropyl alcohol	13		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.26	J	0.023	0.50
tert-Butyl alcohol	0.19	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	1.6	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.74		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	1.1	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.4		0.019	0.20
Carbon tetrachloride	0.059	J	0.013	0.20
2,2,4-Trimethylpentane	0.040	UJ	0.015	0.20
Benzene	0.16	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.25	J	0.017	0.20
Trichloroethene	0.037	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.097	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

CMB 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U J	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.099	2.5
Freon 22	62	~~J~~ J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.6		0.070	1.0
n-Butane	2.7		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.60	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	28		0.95	12
Isopropyl alcohol	32		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

MM 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	die016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.89	J	0.080	1.7
tert-Butyl alcohol	0.57	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	UJ	0.091	0.79
n-Hexane	5.7	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	2.2		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	3.3	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	4.9		0.065	0.69
Carbon tetrachloride	0.37	J	0.082	1.3
2,2,4-Trimethylpentane	0.19	UJ	0.070	0.93
Benzene	0.53	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	1.0	J	0.070	0.82
Trichloroethene	0.20	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.36	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	UJ	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

wt 3/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HC**

Lab Sample ID: 280-39218-4
Client Matrix: Air

Date Sampled: 02/21/2013 1206
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0021			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0021			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0101HA**

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.59		0.020	0.50
Freon 22	15	~~Q~~ J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.66		0.034	0.50
n-Butane	1.0		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.27		0.021	0.20
Freon TF	0.095	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	15		0.40	5.0
Isopropyl alcohol	19		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.29	J	0.023	0.50
tert-Butyl alcohol	0.34	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.3		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.9		0.019	0.20
Carbon tetrachloride	0.081	J	0.013	0.20
2,2,4-Trimethylpentane	1.4		0.015	0.20
Benzene	0.27		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	2.0		0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.83		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

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Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0101HA**

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.17	J	0.015	0.20
m,p-Xylene	0.55		0.022	0.50
Xylene, o-	0.18	J	0.016	0.20
Xylene (total)	0.73		0.016	0.20
Styrene	0.048	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.13	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.099	2.5
Freon 22	52	~~U~~ J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.4		0.070	1.0
n-Butane	2.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.5		0.12	1.1
Freon TF	0.73	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	37		0.95	12
Isopropyl alcohol	46		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

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Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0101HA**

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.0	J	0.080	1.7
tert-Butyl alcohol	1.0	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.8		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.9		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.6		0.065	0.69
Carbon tetrachloride	0.51	J	0.082	1.3
2,2,4-Trimethylpentane	6.5		0.070	0.93
Benzene	0.87		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	8.3		0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	3.1		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.76	J	0.065	0.87
m,p-Xylene	2.4		0.096	2.2
Xylene, o-	0.78	J	0.069	0.87
Xylene (total)	3.2		0.069	0.87
Styrene	0.20	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: 776VMP0101HA

Lab Sample ID: 280-39218-5
Client Matrix: Air

Date Sampled: 02/21/2013 1220
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0114			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0114			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.66	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J	0.020	0.50
Freon 22	19	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.83		0.034	0.50
n-Butane	0.98		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.27		0.021	0.20
Freon TF	0.089	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	15		0.40	5.0
Isopropyl alcohol	18		0.076	5.0
Carbon disulfide	0.11	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.28	J	0.023	0.50
tert-Butyl alcohol	0.56	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.4	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.6		0.019	0.20
Carbon tetrachloride	0.088	J	0.013	0.20
2,2,4-Trimethylpentane	1.4	J	0.015	0.20
Benzene	0.29		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	1.7	J	0.017	0.20
Trichloroethene	0.061	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.095	J	0.034	0.50
Toluene	0.95	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

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Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.23		0.015	0.20
m,p-Xylene	0.73		0.022	0.50
Xylene, o-	0.23		0.016	0.20
Xylene (total)	0.96	J	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.055	J	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.15	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.096	J	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J	0.099	2.5
Freon 22	68	~~J~~ J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.7		0.070	1.0
n-Butane	2.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.5		0.12	1.1
Freon TF	0.68	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	36		0.95	12
Isopropyl alcohol	44		0.19	12
Carbon disulfide	0.33	J	0.062	1.6

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Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.98	J	0.080	1.7
tert-Butyl alcohol	1.7	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	8.5	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.6		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	5.5		0.065	0.69
Carbon tetrachloride	0.56	J	0.082	1.3
2,2,4-Trimethylpentane	6.5	J	0.070	0.93
Benzene	0.92		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	7.1	J	0.070	0.82
Trichloroethene	0.33	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.39	J	0.14	2.0
Toluene	3.6	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.98		0.065	0.87
m,p-Xylene	3.2		0.096	2.2
Xylene, o-	1.0		0.069	0.87
Xylene (total)	4.2	J	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.27	J	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

CMA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0201HA**

Lab Sample ID: 280-39218-6
Client Matrix: Air

Date Sampled: 02/21/2013 1205
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0206			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0206			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.73	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.50	J	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.020	0.50
Freon 22	14	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.58		0.034	0.50
n-Butane	0.76		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.021	0.20
Freon TF	0.082	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	16		0.40	5.0
Isopropyl alcohol	14		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.23	J	0.023	0.50
tert-Butyl alcohol	0.34	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.0		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.6		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.4		0.019	0.20
Carbon tetrachloride	0.085	J	0.013	0.20
2,2,4-Trimethylpentane	1.2		0.015	0.20
Benzene	0.31		0.018	0.20
1,2-Dichloroethane	0.071	J	0.018	0.20
n-Heptane	1.3		0.017	0.20
Trichloroethene	0.45		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.0		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

UH 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.23		0.015	0.20
m,p-Xylene	0.59		0.022	0.50
Xylene, o-	0.17	J	0.016	0.20
Xylene (total)	0.76		0.016	0.20
Styrene	0.033	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	50	~~J~~	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.2		0.070	1.0
n-Butane	1.8		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.5		0.12	1.1
Freon TF	0.63	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	37		0.95	12
Isopropyl alcohol	34		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

LWA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.79	J	0.080	1.7
tert-Butyl alcohol	1.0	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	7.2		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	4.6		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	5.0		0.065	0.69
Carbon tetrachloride	0.53	J	0.082	1.3
2,2,4-Trimethylpentane	5.7		0.070	0.93
Benzene	0.99		0.058	0.64
1,2-Dichloroethane	0.29	J	0.073	0.81
n-Heptane	5.4		0.070	0.82
Trichloroethene	2.4		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	3.8		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.98		0.065	0.87
m,p-Xylene	2.6		0.096	2.2
Xylene, o-	0.72	J	0.069	0.87
Xylene (total)	3.3		0.069	0.87
Styrene	0.14	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776VMP0301HA**

Lab Sample ID: 280-39218-7
Client Matrix: Air

Date Sampled: 02/21/2013 1230
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 0259			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 0259			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774IA1IA**

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.61		0.020	0.50
Freon 22	3.0	~~J~~	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	1.3		0.034	0.50
n-Butane	1.0		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.077	J	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.57		0.021	0.20
Freon TF	0.094	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	19		0.40	5.0
Isopropyl alcohol	11		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.30	J	0.023	0.50
tert-Butyl alcohol	0.57	J	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.55		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	5.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.066	J	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.17	J M	0.019	0.20
Carbon tetrachloride	0.073	J	0.013	0.20
2,2,4-Trimethylpentane	0.12	J	0.015	0.20
Benzene	0.22		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.16	J	0.017	0.20
Trichloroethene	0.042	J	0.0092	0.20
Methyl methacrylate	0.23	J	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.45	J	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.25	J	0.034	0.50
Toluene	0.19	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

LWA 4/3/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774IA1IA**

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.045	J	0.015	0.20
m,p-Xylene	0.10	J	0.022	0.50
Xylene, o-	0.042	J	0.016	0.20
Xylene (total)	0.14	J	0.016	0.20
Styrene	0.041	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.044	J	0.019	0.20
1,4-Dichlorobenzene	0.076	J	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.099	2.5
Freon 22	10	~~J~~	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	2.7		0.070	1.0
n-Butane	2.5		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.20	J	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	3.2		0.12	1.1
Freon TF	0.72	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	44		0.95	12
Isopropyl alcohol	26		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

CWA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: 774IA1IA

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.0	J	0.080	1.7
tert-Butyl alcohol	1.7	J	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	1.9		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	15		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.32	J	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.57	J M	0.065	0.69
Carbon tetrachloride	0.46	J	0.082	1.3
2,2,4-Trimethylpentane	0.55	J	0.070	0.93
Benzene	0.69		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.66	J	0.070	0.82
Trichloroethene	0.22	J	0.049	1.1
Methyl methacrylate	0.93	J	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	1.6	J	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	1.0	J	0.14	2.0
Toluene	0.71	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.19	J	0.065	0.87
m,p-Xylene	0.44	J	0.096	2.2
Xylene, o-	0.18	J	0.069	0.87
Xylene (total)	0.62	J	0.069	0.87
Styrene	0.18	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

CMA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774IA1IA**

Lab Sample ID: 280-39218-8
Client Matrix: Air

Date Sampled: 02/21/2013 0855
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53040	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clie028.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/15/2013 1053			Final Weight/Volume:	200 mL
Prep Date:	03/15/2013 1053			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.27	J	0.11	1.2
1,4-Dichlorobenzene	0.46	J	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: 774776OA1IA

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.54		0.020	0.50
Freon 22	0.31	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.75		0.034	0.50
n-Butane	0.58		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.084	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	6.2		0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.28	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.14	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.50		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.075	J M	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.19	J	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.10	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

cmt 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774776OA1IA**

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

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Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	1.1	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.5		0.070	1.0
n-Butane	1.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.64	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	15		0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: 774776OA1IA

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.98	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.48	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	1.5		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.47	J M	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.61	J	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.39	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

CWL 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **774776OA1IA**

Lab Sample ID: 280-39218-9
Client Matrix: Air

Date Sampled: 02/21/2013 0900
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1748			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1748			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

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5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: 776IA1HA

Lab Sample ID: 280-39218-10

Client Matrix: Air

Date Sampled: 02/21/2013 0850

Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.44	J	0.020	0.50
Freon 22	20		0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.86		0.034	0.50
n-Butane	0.94		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.083	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	12		0.40	5.0
Isopropyl alcohol	18		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.34	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.15	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.73		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.066	J	0.019	0.20
Carbon tetrachloride	0.070	J	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.45		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.035	J	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.26	J	0.034	0.50
Toluene	1.1		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.056	J	0.015	0.20

AH 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776IA1HA**

Lab Sample ID: 280-39218-10
Client Matrix: Air

Date Sampled: 02/21/2013 0850
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.067	J	0.015	0.20
m,p-Xylene	0.053	J	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.053	J	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U ∅	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U ∅	0.038	0.50

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Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.2	J	0.099	2.5
Freon 22	69		0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.8		0.070	1.0
n-Butane	2.2		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.63	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	28		0.95	12
Isopropyl alcohol	43		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: 776IA1HA

Lab Sample ID: 280-39218-10
Client Matrix: Air

Date Sampled: 02/21/2013 0850
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	1.2	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.54	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	2.1		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.23	J	0.065	0.69
Carbon tetrachloride	0.44	J	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	1.4		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.14	J	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	1.1	J	0.14	2.0
Toluene	4.3		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.38	J M	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.29	J	0.065	0.87
m,p-Xylene	0.23	J	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.23	J	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

CWH 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39218-1

Client Sample ID: **776IA1HA**

Lab Sample ID: 280-39218-10
Client Matrix: Air

Date Sampled: 02/21/2013 0850
Date Received: 02/22/2013 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53337	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clja006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/22/2013 1841			Final Weight/Volume:	200 mL
Prep Date:	03/22/2013 1841			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

cwt
5/13/13

FPM GROUP, LTD.
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
GRIFFISS LTM SAMPLING
Site Griffiss AFB Buildings 785/786 Sampling
Soil Vapor Sampling
Contract No. FA8903-10-D-8595

FPM Project No. 1015-11-01

TestAmerica Job # 280-39902-1

Laboratory:	TestAmerica, Inc.
Sample Matrix:	Soil Vapor
Number of Samples:	10
Analytical Protocol:	AFCEE QAPP, Version 4.2, with AFCEE-approved lab variances
Data Reviewer:	Connie van Hoesel
Sample Date:	March 6, 2013

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	Sample ID	Date
786VMP0102HA	3/6/13	786VMP0102HC	3/6/13
786VMP0202HA	3/6/13		
786VMP0302HA	3/6/13		
785VMP0202IA	3/6/13		
785VMP0401HA	3/6/13		
785VMP0501FA	3/6/13		
785IA09	3/6/13		
785786OA05	3/6/13		
786IA08	3/6/13		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
FA, HA, IA, OA – Primary environmental samples
HC – Field duplicate sample

DELIVERABLES

The data deliverable report was per requirements of the DOD QSM, version 4.2, as specified in the project-specific QAPP. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the sample analyses were per methods as specified in the DOD QSM, version 4.2, with project-specific modifications as listed in the project-specific QAPP. The analytical methods employed included the EPA Compendium Methods for toxic organics: Volatile Organic Compounds (VOC) by EPA method TO-15.

VERIFICATION GUIDANCE

The analytical work was performed by TestAmerica Laboratories, Inc. in accordance with the DOD QSM, version 4.2, and QC requirements of the respective analytical methods and of the project-specific QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the DOD QSM, and the criteria as listed in the project-specific QAPP.

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and limits of quantitation (DL, LOQ)
- Holding times
- GC/MS tune performance
- Initial and Continuing calibration summaries
- Method blanks
- Field duplicate results
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)
- Results reported between DL and LOQ (J-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with DOD QSM, version 4.2, and project-specific QAPP criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between DL and LOQ), the laboratory qualified the subject results with a "J" flag. Since no qualification of associated field samples are required for blank concentrations less than half the LOQ, no further action was taken in such instances.

INITIAL PRESSURE

The laboratory notified FPM that all samples were received at zero vacuum. Per FPM's request, the samples were analyzed as requested.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- According to the case narrative, the following samples were initially analyzed at 1:1, but were diluted for isopropyl alcohol only: 786VMP0202HA at 1:2.5, 785VMP0202IA at 1:10, 785VMP0401HA at 1:4, and 785VMP0501FA at 1:4. The dilution results were transferred to the original results sheets, are considered the usable results, and do not require qualification.

- Field duplicate samples, which are collected at the same location and at the same time using identical collection, handling, and analytical procedures, are used to assess precision of the sample collection process. Using professional judgment, for sample results greater than the RL (equivalent to the LOQ), an RPD greater than 25% would at least warrant a "J" flag, especially for those results greater than 5 times (5x) the reporting limit. If either the parent or the duplicate sample is less than 5x the LOQ, then the difference between the parent and duplicate sample must be less than 2x the LOQ. "J" flags for detects and "UJ" flags for non-detects are required per the QAPP for any exceedances.
  The following table summarizes results of the relative percent differences (RPD's) of field duplicate samples 786VMP0102HA and 786VMP0102HC.

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD/ Total Diff-erence	Flag Applied	Rationale
786VMP0102HA	786VMP0102HC	Dichlorodifluoromethane	2.5	2.6	2.5	0.1	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	Freon 22	0.77 J	0.89 J	1.8	0.12	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	Chloromethane	0.20 J	0.17 U	1.0	0.03	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	n-Butane	0.82 J	1.2 J	1.2	0.38	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	Trichlorofluoromethane	1.3	1.3	1.1	0	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	Freon TF	0.64 J	0.61 J	1.5	0.03	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	Acetone	12	2.1 J	12	***9.9***	J	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Isopropyl alcohol	98	26	12	***72***	J	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Methylene chloride	0.55 J	0.28 U	1.7	0.27	None	Total difference < 2xLOQ
786VMP0102H	786VMP0102H	n-Hexane	13	2.5	0.70	***10.5***	J	Total

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD/ Total Diff-erence	Flag Applied	Rationale
A	C							difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Methyl Ethyl Ketone	4.1	0.76 J	1.5	***3.34***	J	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Cyclohexane	8.7	0.14 U	0.69	***8.56***	J/UJ	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Carbon Tetrachloride	0.25 U	0.41 J	1.3	0.16	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	2,2,4-Trimethylpentane	7.0	1.3	0.93	***5.7***	J	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	n-Heptane	3.9	0.97	0.82	***2.93***	J	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Trichloroethene	5.6	9.1	1.1	***47.6***	J	RPD>25%
786VMP0102HA	786VMP0102HC	Toluene	3.7	0.94	0.75	***2.76***	J	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Tetrachloroethene	0.50 J	0.27 U	1.4	0.23	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	Ethylbenzene	0.89	0.17 U	0.87	0.72	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	m,p-Xylene	3.4	0.70 J	2.2	2.7	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	o-Xylene	1.3	0.27 J	0.87	1.03	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	Total Xylene	4.6	0.97	0.87	***3.63***	J	Total difference > 2xLOQ
786VMP0102HA	786VMP0102HC	Styrene	0.20 J	0.17 U	0.85	0.03	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	4-Ethyltoluene	0.29 J	0.20 U	0.98	0.09	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	1,2,4-Trimethylbenzene	1.0	0.39 U	0.98	0.61	None	Total difference < 2xLOQ
786VMP0102HA	786VMP0102HC	1,3-Dichlorobenzene	17	2.0	1.2	***15***	J	Total difference

Sample ID, Normal	Sample ID, Field Duplicate	Analyte	Normal Result (µg/m3)	Field Dup Result (µg/m3)	LOQ (µg/m3)	RPD/ Total Diff-erence	Flag Applied	Rationale
								> 2xLOQ

- **Corrective Action:** "J" flags were applied for the acetone, isopropyl alcohol, n-hexane, methyl ethyl ketone, cyclohexane, 2,2,4-trimethylpentane, n-heptane, trichloroethene, toluene, total xylene, and 1,3-dichlorobenzene results due to RPD and/or total difference exceedances in the duplicate sample set 786VMP0102HA/HC. The remaining results met the field duplicate criterion as described above.

DATA USABILITY RESULTS

VOCs

Based on the evaluation of all information in the analytical data groups, the results for VOCs are usable with the data qualifiers as noted. It should be noted that non-reportable results did not affect overall data usability. Using the verification approach as presented above, the results for all above samples are 100% usable.

AFCEE SUMMARY

All data in Job # 280-39902-1 are usable, which can be used with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 5/13/13

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39902-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39902-1	786VMP0102HA	Air	03/06/2013 1430	03/14/2013 1010
280-39902-2	786VMP0202HA	Air	03/06/2013 1440	03/14/2013 1010
280-39902-3	786VMP0302HA	Air	03/06/2013 1420	03/14/2013 1010
280-39902-4	785IA09	Air	03/06/2013 0725	03/14/2013 1010
280-39902-5	786IA08	Air	03/06/2013 0720	03/14/2013 1010
280-39902-6	785786OA05	Air	03/06/2013 0730	03/14/2013 1010
280-39902-7	785VMP0202IA	Air	03/06/2013 1540	03/14/2013 1010
280-39902-8	785VMP0401HA	Air	03/06/2013 1550	03/14/2013 1010
280-39902-9	785VMP0501FA	Air	03/06/2013 1600	03/14/2013 1010
280-39902-10	786VMP0102HC	Air	03/06/2013 1431	03/14/2013 1010

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-39902-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 53730

Lab Sample ID: 280-39902-7 DL Client Sample ID: 785VMP0202IA DL

Date Analyzed: 04/01/13 22:57 Lab File ID: clmb017.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Hexane	9.15	Baseline event	wrd	04/02/13 09:01
2,2,4-Trimethylpentane	12.19	Baseline event	lyonsb	04/02/13 11:49
Xylene, o-	19.63	Baseline event	wrd	04/02/13 09:02

Lab Sample ID: 280-39902-8 DL Client Sample ID: 785VMP0401HA DL

Date Analyzed: 04/01/13 23:50 Lab File ID: clmb018.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2,4-Trimethylpentane	12.19	Baseline event	lyonsb	04/02/13 11:50
Xylene, o-	19.62	Baseline event	wrd	04/02/13 09:04

Lab Sample ID: 280-39902-9 DL Client Sample ID: 785VMP0501FA DL

Date Analyzed: 04/02/13 00:43 Lab File ID: clmb019.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Xylene, o-	19.62	Baseline event	wrd	04/02/13 09:06

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Soil Vapor
Report Number: 280-39902-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
Ten samples were received at TestAmerica Burlington on 03/14/2013. The samples arrived in good condition and properly preserved.

VOLATILE ORGANIC COMPOUNDS - TO-15
Samples 786VMP0102HA (280-39902-1), 786VMP0202HA (280-39902-2), 786VMP0302HA (280-39902-3), 785IA09 (280-39902-4), 786IA08 (280-39902-5), 785786OA05 (280-39902-6), 785VMP0202IA (280-39902-7), 785VMP0401HA (280-39902-8), 785VMP0501FA (280-39902-9), and 786VMP0102HC (280-39902-10) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 04/01/2013 and 04/02/2013.

Samples 786VMP0202HA (280-39902-2), 785VMP0202IA (280-39902-7), 785VMP0401HA (280-39902-8), and 785VMP0501FA (280-39902-9) required dilutions prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the TO15 analyses.

All quality control parameters were within the acceptance limits.

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Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.020	0.50
Freon 22	0.22	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.096	J	0.034	0.50
n-Butane	0.34	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.23		0.021	0.20
Freon TF	0.083	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	5.0	U	0.40	5.0
Isopropyl alcohol	40		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.16	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	3.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.4	U	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.5		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	1.5		0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.96		0.017	0.20
Trichloroethene	1.1		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.98		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.074	J	0.015	0.20

5/13/13

METHOD / ANALYST SUMMARY

Client: FPM Remediations Inc

Job Number: 280-39902-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.20		0.015	0.20
m,p-Xylene	0.78		0.022	0.50
Xylene, o-	0.29		0.016	0.20
Xylene (total)	1.1	J	0.016	0.20
Styrene	0.047	J M	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.059	J	0.015	0.20
1,3,5-Trimethylbenzene	0.067	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.21		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	2.8	J	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.099	2.5
Freon 22	0.77	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.20	J	0.070	1.0
n-Butane	0.82	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.64	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	12	J	0.95	12
Isopropyl alcohol	98	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

AMA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.55	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	13	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	4.1	J	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	8.7	J	0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	7.0	J	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.9	J	0.070	0.82
Trichloroethene	5.6	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	3.7	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.50	J	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.89		0.065	0.87
m,p-Xylene	3.4		0.096	2.2
Xylene, o-	1.3		0.069	0.87
Xylene (total)	4.6	J	0.069	0.87
Styrene	0.20	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.29	J	0.074	0.98
1,3,5-Trimethylbenzene	0.33	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Cdt 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HA**

Lab Sample ID: 280-39902-1
Client Matrix: Air

Date Sampled: 03/06/2013 1430
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	dmb005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1223			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1223			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.0		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	17	J	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 786VMP0202HA

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	c/mb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.080	U	0.034	0.50
n-Butane	0.55		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.021	0.20
Freon TF	0.098	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	11		0.40	5.0
Isopropyl alcohol	70	J	~~0.076~~ 0.19	~~5.0~~ 13
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.24	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	4.2		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	2.4		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.48		0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.6		0.019	0.20
Carbon tetrachloride	0.065	J	0.013	0.20
2,2,4-Trimethylpentane	1.5		0.015	0.20
Benzene	0.21		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.90		0.017	0.20
Trichloroethene	1.2		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.4		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

cwk 5/13/13

*Result transferred from dilution Sample 786VMP0202HA DL(1:2,5)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 786VMP0202HA

Lab Sample ID: 280-39902-2

Client Matrix: Air

Date Sampled: 03/06/2013 1440

Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	dmb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.37		0.015	0.20
m,p-Xylene	1.4		0.022	0.50
Xylene, o-	0.51		0.016	0.20
Xylene (total)	2.0		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.075	J	0.015	0.20
1,3,5-Trimethylbenzene	0.089	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.29		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	4.7		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	0.98	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.17	U	0.070	1.0
n-Butane	1.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.75	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	25		0.95	12
* Isopropyl alcohol	170	✓	~~0.19~~ 0.47	~~12~~ 31
Carbon disulfide	0.25	U	0.062	1.6

Cnt 5/13/13

*Re-ext transferred from dilution sample 786VMP0202HA DL(1:2.5)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.83	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	15		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	7.0		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	2.4		0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	9.1		0.065	0.69
Carbon tetrachloride	0.41	J M	0.082	1.3
2,2,4-Trimethylpentane	6.8		0.070	0.93
Benzene	0.66		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.7		0.070	0.82
Trichloroethene	6.3		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	5.2		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	1.6		0.065	0.87
m,p-Xylene	6.3		0.096	2.2
Xylene, o-	2.2		0.069	0.87
Xylene (total)	8.5		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.37	J	0.074	0.98
1,3,5-Trimethylbenzene	0.44	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Cut 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1833			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1833			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.4		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	28		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 786VMP0202HA

Lab Sample ID: 280-39902-2

Client Matrix: Air

Date Sampled: 03/06/2013 1440

Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58	J	0.050	1.3
Freon 22	0.34	J	0.058	1.3
1,2-Dichlorotetrafluoroethane	0.20	U	0.050	0.50
Chloromethane	0.20	U	0.085	1.3
n-Butane	0.63	J	0.055	1.3
Vinyl chloride	0.070	U	0.023	0.50
1,3-Butadiene	0.20	U	0.063	0.50
Bromomethane	0.20	U	0.068	0.50
Chloroethane	0.20	U	0.083	1.3
Bromoethene(Vinyl Bromide)	0.10	U	0.048	0.50
Trichlorofluoromethane	0.26	J M	0.053	0.50
Freon TF	0.20	U	0.050	0.50
1,1-Dichloroethene	0.50	U	0.22	0.50
Acetone	10	J	1.0	13
* Isopropyl alcohol	70		0.19	13 * use this result only
Carbon disulfide	0.20	U	0.050	1.3
3-Chloropropene	0.20	U	0.12	1.3
Methylene Chloride	0.37	J	0.058	1.3
tert-Butyl alcohol	0.20	U	0.10	13
Methyl tert-butyl ether	0.10	U	0.038	0.50
trans-1,2-Dichloroethene	0.20	U	0.058	0.50
n-Hexane	4.3		0.050	0.50
1,1-Dichloroethane	0.20	U	0.058	0.50
Methyl Ethyl Ketone	2.1		0.063	1.3
cis-1,2-Dichloroethene	0.50	U	0.21	0.50
1,2-Dichloroethene, Total	0.20	U	0.058	0.50
Chloroform	0.48	J	0.060	0.50
Tetrahydrofuran	0.20	U	0.073	13
1,1,1-Trichloroethane	0.20	U	0.050	0.50
Cyclohexane	2.6		0.048	0.50
Carbon tetrachloride	0.10	U	0.033	0.50
2,2,4-Trimethylpentane	1.5		0.038	0.50
Benzene	0.10	U	0.045	0.50
1,2-Dichloroethane	0.10	U	0.045	0.50
n-Heptane	1.1		0.043	0.50
Trichloroethene	1.2		0.023	0.50
Methyl methacrylate	0.10	U	0.040	1.3
1,2-Dichloropropane	0.20	U	0.058	0.50
1,4-Dioxane	0.50	U	0.18	13
Bromodichloromethane	0.10	U	0.030	0.50
cis-1,3-Dichloropropene	0.10	U	0.033	0.50
methyl isobutyl ketone	0.20	U	0.085	1.3
Toluene	1.3		0.035	0.50
trans-1,3-Dichloropropene	0.10	U	0.038	0.50
1,1,2-Trichloroethane	0.10	U	0.040	0.50
Tetrachloroethene	0.10	U	0.038	0.50

AM 5/13/13

* result transferred to original sample 786VMP0202HA (1-1)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.10	1.3
Dibromochloromethane	0.10	U	0.028	0.50
1,2-Dibromoethane	0.10	U	0.035	0.50
Chlorobenzene	0.10	U	0.033	0.50
Ethylbenzene	0.32	J	0.038	0.50
m,p-Xylene	1.2	J	0.055	1.3
Xylene, o-	0.45	J	0.040	0.50
Xylene (total)	1.7		0.040	0.50
Styrene	0.10	U	0.028	0.50
Bromoform	0.070	U	0.018	0.50
Cumene	0.10	U	0.028	0.50
1,1,2,2-Tetrachloroethane	0.10	U	0.028	0.50
n-Propylbenzene	0.10	U	0.033	0.50
4-Ethyltoluene	0.10	U	0.038	0.50
1,3,5-Trimethylbenzene	0.10	U	0.048	0.50
2-Chlorotoluene	0.10	U	0.033	0.50
tert-Butylbenzene	0.10	U	0.028	0.50
1,2,4-Trimethylbenzene	0.22	J	0.053	0.50
sec-Butylbenzene	0.10	U	0.038	0.50
4-Isopropyltoluene	0.20	U	0.050	0.50
1,3-Dichlorobenzene	3.9		0.048	0.50
1,4-Dichlorobenzene	0.10	U	0.045	0.50
Benzyl chloride	0.20	U	0.055	0.50
n-Butylbenzene	0.20	U	0.055	0.50
1,2-Dichlorobenzene	0.20	U	0.065	0.50
1,2,4-Trichlorobenzene	0.20	U	0.075	1.3
Hexachlorobutadiene	0.20	U	0.073	0.50
Naphthalene	0.20	U	0.095	1.3

CMA 5/13/13

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8	J	0.25	6.2
Freon 22	1.2	J	0.20	4.4
1,2-Dichlorotetrafluoroethane	1.4	U	0.35	3.5
Chloromethane	0.41	U	0.18	2.6
n-Butane	1.5	J	0.13	3.0
Vinyl chloride	0.18	U	0.058	1.3
1,3-Butadiene	0.44	U	0.14	1.1
Bromomethane	0.78	U	0.26	1.9
Chloroethane	0.53	U	0.22	3.3
Bromoethene(Vinyl Bromide)	0.44	U	0.21	2.2
Trichlorofluoromethane	1.4	J M	0.29	2.8
Freon TF	1.5	U	0.38	3.8
1,1-Dichloroethene	2.0	U	0.85	2.0
Acetone	24	J	2.4	30
* Isopropyl alcohol	170		0.47	31
Carbon disulfide	0.62	U	0.16	3.9

* use this result only

Result transferred to original sample 786VMP0202HA (1A)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.37	3.9
Methylene Chloride	1.3	J	0.20	4.3
tert-Butyl alcohol	0.61	U	0.31	38
Methyl tert-butyl ether	0.36	U	0.14	1.8
trans-1,2-Dichloroethene	0.79	U	0.23	2.0
n-Hexane	15		0.18	1.8
1,1-Dichloroethane	0.81	U	0.23	2.0
Methyl Ethyl Ketone	6.1		0.18	3.7
cis-1,2-Dichloroethene	2.0	U	0.83	2.0
1,2-Dichloroethene, Total	0.79	U	0.23	2.0
Chloroform	2.4	J	0.29	2.4
Tetrahydrofuran	0.59	U	0.21	37
1,1,1-Trichloroethane	1.1	U	0.27	2.7
Cyclohexane	9.0		0.16	1.7
Carbon tetrachloride	0.63	U	0.20	3.1
2,2,4-Trimethylpentane	7.1		0.18	2.3
Benzene	0.32	U	0.14	1.6
1,2-Dichloroethane	0.40	U	0.18	2.0
n-Heptane	4.4		0.17	2.0
Trichloroethene	6.3		0.12	2.7
Methyl methacrylate	0.41	U	0.16	5.1
1,2-Dichloropropane	0.92	U	0.27	2.3
1,4-Dioxane	1.8	U	0.63	45
Bromodichloromethane	0.67	U	0.20	3.4
cis-1,3-Dichloropropene	0.45	U	0.15	2.3
methyl isobutyl ketone	0.82	U	0.35	5.1
Toluene	5.1		0.13	1.9
trans-1,3-Dichloropropene	0.45	U	0.17	2.3
1,1,2-Trichloroethane	0.55	U	0.22	2.7
Tetrachloroethene	0.68	U	0.25	3.4
Methyl Butyl Ketone (2-Hexanone)	0.82	U	0.41	5.1
Dibromochloromethane	0.85	U	0.23	4.3
1,2-Dibromoethane	0.77	U	0.27	3.8
Chlorobenzene	0.46	U	0.15	2.3
Ethylbenzene	1.4	J	0.16	2.2
m,p-Xylene	5.3	J	0.24	5.4
Xylene, o-	1.9	J	0.17	2.2
Xylene (total)	7.3		0.17	2.2
Styrene	0.43	U	0.12	2.1
Bromoform	0.72	U	0.19	5.2
Cumene	0.49	U	0.14	2.5
1,1,2,2-Tetrachloroethane	0.69	U	0.19	3.4
n-Propylbenzene	0.49	U	0.16	2.5
4-Ethyltoluene	0.49	U	0.18	2.5
1,3,5-Trimethylbenzene	0.49	U	0.23	2.5
2-Chlorotoluene	0.52	U	0.17	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0202HA**

Lab Sample ID: 280-39902-2
Client Matrix: Air

Date Sampled: 03/06/2013 1440
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb016.d
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	04/01/2013 2204	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2204			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.55	U	0.15	2.7
1,2,4-Trimethylbenzene	1.1	J	0.26	2.5
sec-Butylbenzene	0.55	U	0.21	2.7
4-Isopropyltoluene	1.1	U	0.27	2.7
1,3-Dichlorobenzene	24		0.29	3.0
1,4-Dichlorobenzene	0.60	U	0.27	3.0
Benzyl chloride	1.0	U	0.28	2.6
n-Butylbenzene	1.1	U	0.30	2.7
1,2-Dichlorobenzene	1.2	U	0.39	3.0
1,2,4-Trichlorobenzene	1.5	U	0.56	9.3
Hexachlorobutadiene	2.1	U	0.77	5.3
Naphthalene	1.0	U	0.50	6.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 786VMP0302HA

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	dmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.098	J	0.034	0.50
n-Butane	0.080	U	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.078	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	7.1		0.40	5.0
Isopropyl alcohol	14		0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.83		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	3.8	J	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	1.0		0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.23		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.33		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.054	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0302HA**

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.98	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.20	J	0.070	1.0
n-Butane	0.19	U	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.60	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	17		0.95	12
Isopropyl alcohol	34		0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0302HA**

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	2.9		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.5		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	11	J	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	3.6		0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.74		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	1.8		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.20	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0302HA**

Lab Sample ID: 280-39902-3
Client Matrix: Air

Date Sampled: 03/06/2013 1420
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1316			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1316			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785IA09**

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.28	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.60		0.034	0.50
n-Butane	0.56		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.15	J	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.085	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	3.9	J	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.38	J	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.21	~~M~~	0.019	0.20
Carbon tetrachloride	0.040	U	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.040	U	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

CLK 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785IA09**

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	1.0	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.2		0.070	1.0
n-Butane	1.3		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.32	J	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.65	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	9.3	J	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 785IA09

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	1.1	J	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.74	M	0.065	0.69
Carbon tetrachloride	0.25	U	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.15	U	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

CWH 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785IA09**

Lab Sample ID: 280-39902-4
Client Matrix: Air

Date Sampled: 03/06/2013 0725
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1409			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1409			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 786IA08

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.60		0.020	0.50
Freon 22	0.32	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.84		0.034	0.50
n-Butane	1.4		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.28		0.021	0.20
Freon TF	0.089	J M	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	8.8		0.40	5.0
Isopropyl alcohol	0.44	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.20	J M	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.3		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.3		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.079	J M	0.013	0.20
2,2,4-Trimethylpentane	0.52		0.015	0.20
Benzene	0.24		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.30		0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.26		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

CWA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 786IA08

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0		0.099	2.5
Freon 22	1.1	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.7		0.070	1.0
n-Butane	3.2		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.6		0.12	1.1
Freon TF	0.68	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	21		0.95	12
Isopropyl alcohol	1.1	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

cmA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786IA08**

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.69	J M	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	8.2		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.8		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.50	J M	0.082	1.3
2,2,4-Trimethylpentane	2.4		0.070	0.93
Benzene	0.77		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	1.2		0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.98		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

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Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786IA08**

Lab Sample ID: 280-39902-5
Client Matrix: Air

Date Sampled: 03/06/2013 0720
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1502			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1502			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.020	0.50
Freon 22	0.26	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.67		0.034	0.50
n-Butane	0.60		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25	~~M~~	0.021	0.20
Freon TF	0.080	U	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	1.7	J	0.40	5.0
Isopropyl alcohol	0.20	U	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.080	U	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.080	U	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	U	0.019	0.20
Carbon tetrachloride	0.086	J ~~M~~	0.013	0.20
2,2,4-Trimethylpentane	0.040	U	0.015	0.20
Benzene	0.24		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.040	U	0.017	0.20
Trichloroethene	0.028	U	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.15	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

LMA 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.040	U	0.022	0.50
Xylene, o-	0.040	U	0.016	0.20
Xylene (total)	0.040	U	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.040	U	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.099	2.5
Freon 22	0.92	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	1.4		0.070	1.0
n-Butane	1.4		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4	M	0.12	1.1
Freon TF	0.61	U	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	4.0	J	0.95	12
Isopropyl alcohol	0.49	U	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

cwd 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	0.28	U	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.24	U	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	U	0.065	0.69
Carbon tetrachloride	0.54	J	0.082	1.3
2,2,4-Trimethylpentane	0.19	U	0.070	0.93
Benzene	0.78		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.16	U	0.070	0.82
Trichloroethene	0.15	U	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.55	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.17	U	0.096	2.2
Xylene, o-	0.17	U	0.069	0.87
Xylene (total)	0.17	U	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

cwd 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785786OA05**

Lab Sample ID: 280-39902-6
Client Matrix: Air

Date Sampled: 03/06/2013 0730
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1555			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1555			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	0.24	U	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	dmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.46	J	0.020	0.50
Freon 22	0.23	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.10	J	0.034	0.50
n-Butane	0.22	J M	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.079	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	1.9	J	0.40	5.0
* Isopropyl alcohol	~~140~~ 190	~~J~~	~~0.070~~ 0.76	~~5.0~~ 50 *
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	2.2		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.0		0.019	0.20
Carbon tetrachloride	0.070	J M	0.013	0.20
2,2,4-Trimethylpentane	1.2		0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.83		0.017	0.20
Trichloroethene	0.13	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	2.0		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.086	J M	0.015	0.20

Acct 5/13/13

* Result transferred from dilution sample 785VMP0202IA DL (1:10)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.41		0.015	0.20
m,p-Xylene	1.6		0.022	0.50
Xylene, o-	0.56	~~M~~	0.016	0.20
Xylene (total)	2.1		0.016	0.20
Styrene	0.087	J	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.13	J	0.015	0.20
1,3,5-Trimethylbenzene	0.095	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.32		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	6.1		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Cwt 5/13/13

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.3	J	0.099	2.5
Freon 22	0.81	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.21	J	0.070	1.0
n-Butane	0.52	J ~~M~~	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.61	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	4.5	J	0.95	12
* Isopropyl alcohol	~~340~~ 470	~~J~~	~~0.19~~ 1.9	~~12~~ 120
Carbon disulfide	0.25	U	0.062	1.6

* Reruct transferred from dilution sample 785VMP0202IAQL(1:10)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.8		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	6.3		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.8		0.065	0.69
Carbon tetrachloride	0.44	J M	0.082	1.3
2,2,4-Trimethylpentane	5.8		0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.4		0.070	0.82
Trichloroethene	0.68	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	7.5		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.58	J M	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	1.8		0.065	0.87
m,p-Xylene	6.8		0.096	2.2
Xylene, o-	2.4	M	0.069	0.87
Xylene (total)	9.3		0.069	0.87
Styrene	0.37	J	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.65	J	0.074	0.98
1,3,5-Trimethylbenzene	0.46	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Lcot 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1926			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1926			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.6		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	37		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.72	J ~~D~~	0.20	5.0
Freon 22	0.80	U	0.23	5.0
1,2-Dichlorotetrafluoroethane	0.80	U	0.20	2.0
Chloromethane	0.80	U	0.34	5.0
n-Butane	0.80	U	0.22	5.0
Vinyl chloride	0.28	U	0.091	2.0
1,3-Butadiene	0.80	U	0.25	2.0
Bromomethane	0.80	U	0.27	2.0
Chloroethane	0.80	U	0.33	5.0
Bromoethene(Vinyl Bromide)	0.40	U	0.19	2.0
Trichlorofluoromethane	0.80	U	0.21	2.0
Freon TF	0.80	U	0.20	2.0
1,1-Dichloroethene	2.0	U	0.86	2.0
Acetone	5.0	U	4.0	50
* Isopropyl alcohol	190	~~D~~	0.76	50 * use this result only
Carbon disulfide	0.80	U	0.20	5.0
3-Chloropropene	0.80	U	0.47	5.0
Methylene Chloride	0.80	U	0.23	5.0
tert-Butyl alcohol	0.80	U	0.41	50
Methyl tert-butyl ether	0.40	U	0.15	2.0
trans-1,2-Dichloroethene	0.80	U	0.23	2.0
n-Hexane	3.8	~~D M~~	0.20	2.0
1,1-Dichloroethane	0.80	U	0.23	2.0
Methyl Ethyl Ketone	1.7	J ~~D~~	0.25	5.0
cis-1,2-Dichloroethene	2.0	U	0.84	2.0
1,2-Dichloroethene, Total	0.80	U	0.23	2.0
Chloroform	0.80	U	0.24	2.0
Tetrahydrofuran	0.80	U	0.29	50
1,1,1-Trichloroethane	0.80	U	0.20	2.0
Cyclohexane	2.8	~~D~~	0.19	2.0
Carbon tetrachloride	0.40	U	0.13	2.0
2,2,4-Trimethylpentane	1.7	J ~~D M~~	0.15	2.0
Benzene	0.40	U	0.18	2.0
1,2-Dichloroethane	0.40	U	0.18	2.0
n-Heptane	0.40	U	0.17	2.0
Trichloroethene	0.28	U	0.092	2.0
Methyl methacrylate	0.40	U	0.16	5.0
1,2-Dichloropropane	0.80	U	0.23	2.0
1,4-Dioxane	2.0	U	0.70	50
Bromodichloromethane	0.40	U	0.12	2.0
cis-1,3-Dichloropropene	0.40	U	0.13	2.0
methyl isobutyl ketone	0.80	U	0.34	5.0
Toluene	2.5	~~D~~	0.14	2.0
trans-1,3-Dichloropropene	0.40	U	0.15	2.0
1,1,2-Trichloroethane	0.40	U	0.16	2.0
Tetrachloroethene	0.40	U	0.15	2.0

AH 5/13/13

* Result transferred to original sample 785VMP0202IA (1)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 785VMP0202IA

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.80	U	0.40	5.0
Dibromochloromethane	0.40	U	0.11	2.0
1,2-Dibromoethane	0.40	U	0.14	2.0
Chlorobenzene	0.40	U	0.13	2.0
Ethylbenzene	0.46	J ~~D~~	0.15	2.0
m,p-Xylene	1.7	J ~~D~~	0.22	5.0
Xylene, o-	0.75	J ~~D M~~	0.16	2.0
Xylene (total)	2.5	~~D~~	0.16	2.0
Styrene	0.40	U	0.11	2.0
Bromoform	0.28	U	0.072	2.0
Cumene	0.40	U	0.11	2.0
1,1,2,2-Tetrachloroethane	0.40	U	0.11	2.0
n-Propylbenzene	0.40	U	0.13	2.0
4-Ethyltoluene	0.40	U	0.15	2.0
1,3,5-Trimethylbenzene	0.40	U	0.19	2.0
2-Chlorotoluene	0.40	U	0.13	2.0
tert-Butylbenzene	0.40	U	0.11	2.0
1,2,4-Trimethylbenzene	0.80	U	0.21	2.0
sec-Butylbenzene	0.40	U	0.15	2.0
4-Isopropyltoluene	0.80	U	0.20	2.0
1,3-Dichlorobenzene	6.0	~~D~~	0.19	2.0
1,4-Dichlorobenzene	0.40	U	0.18	2.0
Benzyl chloride	0.80	U	0.22	2.0
n-Butylbenzene	0.80	U	0.22	2.0
1,2-Dichlorobenzene	0.80	U	0.26	2.0
1,2,4-Trichlorobenzene	0.80	U	0.30	5.0
Hexachlorobutadiene	0.80	U	0.29	2.0
Naphthalene	0.80	U	0.38	5.0

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Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.5	J ~~D~~	0.99	25
Freon 22	2.8	U	0.81	18
1,2-Dichlorotetrafluoroethane	5.6	U	1.4	14
Chloromethane	1.7	U	0.70	10
n-Butane	1.9	U	0.52	12
Vinyl chloride	0.72	U	0.23	5.1
1,3-Butadiene	1.8	U	0.55	4.4
Bromomethane	3.1	U	1.0	7.8
Chloroethane	2.1	U	0.87	13
Bromoethene(Vinyl Bromide)	1.7	U	0.83	8.7
Trichlorofluoromethane	4.5	U	1.2	11
Freon TF	6.1	U	1.5	15
1,1-Dichloroethene	7.9	U	3.4	7.9
Acetone	12	U	9.5	120
* Isopropyl alcohol	470	~~D~~	1.9	120 * use this result only
Carbon disulfide	2.5	U	0.62	16

*Result transferred to original sample 785VMP0202IA (1:1)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	2.5	U	1.5	16
Methylene Chloride	2.8	U	0.80	17
tert-Butyl alcohol	2.4	U	1.2	150
Methyl tert-butyl ether	1.4	U	0.54	7.2
trans-1,2-Dichloroethene	3.2	U	0.91	7.9
n-Hexane	13	~~D M~~	0.70	7.0
1,1-Dichloroethane	3.2	U	0.93	8.1
Methyl Ethyl Ketone	5.1	J ~~D~~	0.74	15
cis-1,2-Dichloroethene	7.9	U	3.3	7.9
1,2-Dichloroethene, Total	3.2	U	0.91	7.9
Chloroform	3.9	U	1.2	9.8
Tetrahydrofuran	2.4	U	0.86	150
1,1,1-Trichloroethane	4.4	U	1.1	11
Cyclohexane	9.8	~~D~~	0.65	6.9
Carbon tetrachloride	2.5	U	0.82	13
2,2,4-Trimethylpentane	8.1	J ~~D M~~	0.70	9.3
Benzene	1.3	U	0.58	6.4
1,2-Dichloroethane	1.6	U	0.73	8.1
n-Heptane	1.6	U	0.70	8.2
Trichloroethene	1.5	U	0.49	11
Methyl methacrylate	1.6	U	0.66	20
1,2-Dichloropropane	3.7	U	1.1	9.2
1,4-Dioxane	7.2	U	2.5	180
Bromodichloromethane	2.7	U	0.80	13
cis-1,3-Dichloropropene	1.8	U	0.59	9.1
methyl isobutyl ketone	3.3	U	1.4	20
Toluene	9.4	~~D~~	0.53	7.5
trans-1,3-Dichloropropene	1.8	U	0.68	9.1
1,1,2-Trichloroethane	2.2	U	0.87	11
Tetrachloroethene	2.7	U	1.0	14
Methyl Butyl Ketone (2-Hexanone)	3.3	U	1.6	20
Dibromochloromethane	3.4	U	0.94	17
1,2-Dibromoethane	3.1	U	1.1	15
Chlorobenzene	1.8	U	0.60	9.2
Ethylbenzene	2.0	J ~~D~~	0.65	8.7
m,p-Xylene	7.6	J ~~D~~	0.96	22
Xylene, o-	3.3	J ~~D M~~	0.69	8.7
Xylene (total)	11	~~D~~	0.69	8.7
Styrene	1.7	U	0.47	8.5
Bromoform	2.9	U	0.74	21
Cumene	2.0	U	0.54	9.8
1,1,2,2-Tetrachloroethane	2.7	U	0.76	14
n-Propylbenzene	2.0	U	0.64	9.8
4-Ethyltoluene	2.0	U	0.74	9.8
1,3,5-Trimethylbenzene	2.0	U	0.93	9.8
2-Chlorotoluene	2.1	U	0.67	10

CLH 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0202IA**

Lab Sample ID: 280-39902-7
Client Matrix: Air

Date Sampled: 03/06/2013 1540
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb017.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	04/01/2013 2257	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2257			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	2.2	U	0.60	11
1,2,4-Trimethylbenzene	3.9	U	1.0	9.8
sec-Butylbenzene	2.2	U	0.82	11
4-Isopropyltoluene	4.4	U	1.1	11
1,3-Dichlorobenzene	36	~~D~~	1.1	12
1,4-Dichlorobenzene	2.4	U	1.1	12
Benzyl chloride	4.1	U	1.1	10
n-Butylbenzene	4.4	U	1.2	11
1,2-Dichlorobenzene	4.8	U	1.6	12
1,2,4-Trichlorobenzene	5.9	U	2.2	37
Hexachlorobutadiene	8.5	U	3.1	21
Naphthalene	4.2	U	2.0	26

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5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.22	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.074	J	0.034	0.50
n-Butane	0.18	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.084	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	3.4	J	0.40	5.0
* Isopropyl alcohol	~~82~~ 79	~~J~~	~~0.076~~ 0.30	~~5.0~~ 20 *
Carbon disulfide	0.16	J	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.15	J M	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.6		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.5		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.0		0.019	0.20
Carbon tetrachloride	0.068	J M	0.013	0.20
2,2,4-Trimethylpentane	1.2		0.015	0.20
Benzene	0.19	J M	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.88		0.017	0.20
Trichloroethene	0.57		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	2.2		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.091	J M	0.015	0.20

CWA 5/13/13

* Result transferred from dilution sample 785VMP0401HA DL(1:4)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.72		0.015	0.20
m,p-Xylene	2.0		0.022	0.50
Xylene, o-	0.79		0.016	0.20
Xylene (total)	2.8		0.016	0.20
Styrene	0.083	J M	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.10	J	0.015	0.20
1,3,5-Trimethylbenzene	0.099	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.29		0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	5.0		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

cwk 5/13/13

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.77	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.15	J	0.070	1.0
n-Butane	0.44	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.64	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	8.1	J	0.95	12
* Isopropyl alcohol	~~200~~ 190	~~J~~	~~0.19~~ 0.75	~~12~~ 49
Carbon disulfide	0.48	J	0.062	1.6

* Result transferred from dilution Sample 785VMP0401HA DL (mb)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.52	J M	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.3		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	4.4		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.8		0.065	0.69
Carbon tetrachloride	0.43	J M	0.082	1.3
2,2,4-Trimethylpentane	5.5		0.070	0.93
Benzene	0.61	J M	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.6		0.070	0.82
Trichloroethene	3.0		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	8.1		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.62	J M	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	3.1		0.065	0.87
m,p-Xylene	8.7		0.096	2.2
Xylene, o-	3.4		0.069	0.87
Xylene (total)	12		0.069	0.87
Styrene	0.35	J M	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.49	J	0.074	0.98
1,3,5-Trimethylbenzene	0.49	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

cwt 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2018			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2018			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	1.4		0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	30		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.61	J	0.080	2.0
Freon 22	0.31	J	0.092	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.080	0.80
Chloromethane	0.32	U	0.14	2.0
n-Butane	0.32	U	0.088	2.0
Vinyl chloride	0.11	U	0.036	0.80
1,3-Butadiene	0.32	U	0.10	0.80
Bromomethane	0.32	U	0.11	0.80
Chloroethane	0.32	U	0.13	2.0
Bromoethene(Vinyl Bromide)	0.16	U	0.076	0.80
Trichlorofluoromethane	0.32	U	0.084	0.80
Freon TF	0.32	U	0.080	0.80
1,1-Dichloroethene	0.80	U	0.34	0.80
Acetone	2.9	J	1.6	20
* Isopropyl alcohol	79		0.30	20 * use this result only
Carbon disulfide	0.32	U	0.080	2.0
3-Chloropropene	0.32	U	0.19	2.0
Methylene Chloride	0.32	U	0.092	2.0
tert-Butyl alcohol	0.32	U	0.16	20
Methyl tert-butyl ether	0.16	U	0.060	0.80
trans-1,2-Dichloroethene	0.32	U	0.092	0.80
n-Hexane	3.0		0.080	0.80
1,1-Dichloroethane	0.32	U	0.092	0.80
Methyl Ethyl Ketone	1.0	J	0.10	2.0
cis-1,2-Dichloroethene	0.80	U	0.34	0.80
1,2-Dichloroethene, Total	0.32	U	0.092	0.80
Chloroform	0.32	U	0.096	0.80
Tetrahydrofuran	0.32	U	0.12	20
1,1,1-Trichloroethane	0.32	U	0.080	0.80
Cyclohexane	0.16	U	0.076	0.80
Carbon tetrachloride	0.16	U	0.052	0.80
2,2,4-Trimethylpentane	1.5	M	0.060	0.80
Benzene	0.16	U	0.072	0.80
1,2-Dichloroethane	0.16	U	0.072	0.80
n-Heptane	0.93		0.068	0.80
Trichloroethene	0.56	J	0.037	0.80
Methyl methacrylate	0.16	U	0.064	2.0
1,2-Dichloropropane	0.32	U	0.092	0.80
1,4-Dioxane	0.80	U	0.28	20
Bromodichloromethane	0.16	U	0.048	0.80
cis-1,3-Dichloropropene	0.16	U	0.052	0.80
methyl isobutyl ketone	0.32	U	0.14	2.0
Toluene	2.0		0.056	0.80
trans-1,3-Dichloropropene	0.16	U	0.060	0.80
1,1,2-Trichloroethane	0.16	U	0.064	0.80
Tetrachloroethene	0.16	U	0.060	0.80

cwt 5/13/13

* Result transferred to original sample 785VMP040HA (1:1)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.32	U	0.16	2.0
Dibromochloromethane	0.16	U	0.044	0.80
1,2-Dibromoethane	0.16	U	0.056	0.80
Chlorobenzene	0.16	U	0.052	0.80
Ethylbenzene	0.48	J	0.060	0.80
m,p-Xylene	1.2	J	0.088	2.0
Xylene, o-	0.53	J	0.064	0.80
Xylene (total)	1.8		0.064	0.80
Styrene	0.16	U	0.044	0.80
Bromoform	0.11	U	0.029	0.80
Cumene	0.16	U	0.044	0.80
1,1,2,2-Tetrachloroethane	0.16	U	0.044	0.80
n-Propylbenzene	0.16	U	0.052	0.80
4-Ethyltoluene	0.16	U	0.060	0.80
1,3,5-Trimethylbenzene	0.16	U	0.076	0.80
2-Chlorotoluene	0.16	U	0.052	0.80
tert-Butylbenzene	0.16	U	0.044	0.80
1,2,4-Trimethylbenzene	0.22	J	0.084	0.80
sec-Butylbenzene	0.16	U	0.060	0.80
4-Isopropyltoluene	0.32	U	0.080	0.80
1,3-Dichlorobenzene	3.2		0.076	0.80
1,4-Dichlorobenzene	0.16	U	0.072	0.80
Benzyl chloride	0.32	U	0.088	0.80
n-Butylbenzene	0.32	U	0.088	0.80
1,2-Dichlorobenzene	0.32	U	0.10	0.80
1,2,4-Trichlorobenzene	0.32	U	0.12	2.0
Hexachlorobutadiene	0.32	U	0.12	0.80
Naphthalene	0.32	U	0.15	2.0

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Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.0	J	0.40	9.9
Freon 22	1.1	J	0.33	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	0.56	5.6
Chloromethane	0.66	U	0.28	4.1
n-Butane	0.76	U	0.21	4.8
Vinyl chloride	0.29	U	0.093	2.0
1,3-Butadiene	0.71	U	0.22	1.8
Bromomethane	1.2	U	0.42	3.1
Chloroethane	0.84	U	0.35	5.3
Bromoethene(Vinyl Bromide)	0.70	U	0.33	3.5
Trichlorofluoromethane	1.8	U	0.47	4.5
Freon TF	2.5	U	0.61	6.1
1,1-Dichloroethene	3.2	U	1.4	3.2
Acetone	7.0	J	3.8	48
* Isopropyl alcohol	190		0.75	49 * use this result only
Carbon disulfide	1.0	U	0.25	6.2

* Result transferred to original sample 785VMP0401HA (1:1)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8
Client Matrix: Air

Date Sampled: 03/06/2013 1550
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.0	U	0.59	6.3
Methylene Chloride	1.1	U	0.32	6.9
tert-Butyl alcohol	0.97	U	0.50	61
Methyl tert-butyl ether	0.58	U	0.22	2.9
trans-1,2-Dichloroethene	1.3	U	0.36	3.2
n-Hexane	11		0.28	2.8
1,1-Dichloroethane	1.3	U	0.37	3.2
Methyl Ethyl Ketone	3.0	J	0.29	5.9
cis-1,2-Dichloroethene	3.2	U	1.3	3.2
1,2-Dichloroethene, Total	1.3	U	0.36	3.2
Chloroform	1.6	U	0.47	3.9
Tetrahydrofuran	0.94	U	0.34	59
1,1,1-Trichloroethane	1.7	U	0.44	4.4
Cyclohexane	0.55	U	0.26	2.8
Carbon tetrachloride	1.0	U	0.33	5.0
2,2,4-Trimethylpentane	6.8	M	0.28	3.7
Benzene	0.51	U	0.23	2.6
1,2-Dichloroethane	0.65	U	0.29	3.2
n-Heptane	3.8		0.28	3.3
Trichloroethene	3.0	J	0.20	4.3
Methyl methacrylate	0.66	U	0.26	8.2
1,2-Dichloropropane	1.5	U	0.43	3.7
1,4-Dioxane	2.9	U	1.0	72
Bromodichloromethane	1.1	U	0.32	5.4
cis-1,3-Dichloropropene	0.73	U	0.24	3.6
methyl isobutyl ketone	1.3	U	0.56	8.2
Toluene	7.4		0.21	3.0
trans-1,3-Dichloropropene	0.73	U	0.27	3.6
1,1,2-Trichloroethane	0.87	U	0.35	4.4
Tetrachloroethene	1.1	U	0.41	5.4
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.66	8.2
Dibromochloromethane	1.4	U	0.37	6.8
1,2-Dibromoethane	1.2	U	0.43	6.1
Chlorobenzene	0.73	U	0.24	3.7
Ethylbenzene	2.1	J	0.26	3.5
m,p-Xylene	5.4	J	0.38	8.7
Xylene, o-	2.3	J M	0.28	3.5
Xylene (total)	7.7		0.28	3.5
Styrene	0.68	U	0.19	3.4
Bromoform	1.2	U	0.30	8.3
Cumene	0.79	U	0.22	3.9
1,1,2,2-Tetrachloroethane	1.1	U	0.30	5.5
n-Propylbenzene	0.79	U	0.26	3.9
4-Ethyltoluene	0.79	U	0.29	3.9
1,3,5-Trimethylbenzene	0.79	U	0.37	3.9
2-Chlorotoluene	0.83	U	0.27	4.1

cut 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0401HA**

Lab Sample ID: 280-39902-8

Client Matrix: Air

Date Sampled: 03/06/2013 1550

Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb018.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/01/2013 2350	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2350			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.88	U	0.24	4.4
1,2,4-Trimethylbenzene	1.1	J	0.41	3.9
sec-Butylbenzene	0.88	U	0.33	4.4
4-Isopropyltoluene	1.8	U	0.44	4.4
1,3-Dichlorobenzene	19		0.46	4.8
1,4-Dichlorobenzene	0.96	U	0.43	4.8
Benzyl chloride	1.7	U	0.46	4.1
n-Butylbenzene	1.8	U	0.48	4.4
1,2-Dichlorobenzene	1.9	U	0.63	4.8
1,2,4-Trichlorobenzene	2.4	U	0.89	15
Hexachlorobutadiene	3.4	U	1.2	8.5
Naphthalene	1.7	U	0.80	10

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 785VMP0501FA

Lab Sample ID: 280-39902-9

Client Matrix: Air

Date Sampled: 03/06/2013 1600

Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52		0.020	0.50
Freon 22	0.27	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.41	J	0.034	0.50
n-Butane	0.65		0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.021	0.20
Freon TF	0.081	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	2.9	J	0.40	5.0
*Isopropyl alcohol	~~98~~ 120	~~J~~	~~0.076~~ 30	~~5.0~~ 20
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.17	J	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	2.8		0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	1.3		0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	2.0		0.019	0.20
Carbon tetrachloride	0.076	J	0.013	0.20
2,2,4-Trimethylpentane	1.4		0.015	0.20
Benzene	0.22		0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.82		0.017	0.20
Trichloroethene	0.21		0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	1.3		0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

CWA 5/13/13

*Reanalyzed from dilution sample 785VMP0501FA (1:4)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.48		0.015	0.20
m,p-Xylene	1.7		0.022	0.50
Xylene, o-	0.56		0.016	0.20
Xylene (total)	2.3		0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.069	J	0.015	0.20
1,3,5-Trimethylbenzene	0.064	J	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.14	J	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	2.9		0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.95	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.85	J	0.070	1.0
n-Butane	1.5		0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.12	1.1
Freon TF	0.62	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	6.8	J	0.95	12
* Isopropyl alcohol	~~230~~ 290	~~J~~	~~0.19~~ 0.75	~~12~~ 49
Carbon disulfide	0.25	U	0.062	1.6

ACD 5/13/13

* No mdl transferred from dilution sample 785VMP0501FA DL(1:4)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.60	J	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	9.9		0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	3.9		0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	6.7		0.065	0.69
Carbon tetrachloride	0.48	J	0.082	1.3
2,2,4-Trimethylpentane	6.5		0.070	0.93
Benzene	0.69		0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	3.4		0.070	0.82
Trichloroethene	1.1		0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	4.9		0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	2.1		0.065	0.87
m,p-Xylene	7.5		0.096	2.2
Xylene, o-	2.4		0.069	0.87
Xylene (total)	10		0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.34	J	0.074	0.98
1,3,5-Trimethylbenzene	0.31	J	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 2111			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 2111			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.71	J	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	17		0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: 785VMP0501FA

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.72	J	0.080	2.0
Freon 22	0.32	U	0.092	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.080	0.80
Chloromethane	0.75	J	0.14	2.0
n-Butane	0.87	J	0.088	2.0
Vinyl chloride	0.11	U	0.036	0.80
1,3-Butadiene	0.32	U	0.10	0.80
Bromomethane	0.32	U	0.11	0.80
Chloroethane	0.32	U	0.13	2.0
Bromoethene(Vinyl Bromide)	0.16	U	0.076	0.80
Trichlorofluoromethane	0.32	U	0.084	0.80
Freon TF	0.32	U	0.080	0.80
1,1-Dichloroethene	0.80	U	0.34	0.80
Acetone	3.3	J	1.6	20
* Isopropyl alcohol	120		0.30	20 * use this result only
Carbon disulfide	0.32	U	0.080	2.0
3-Chloropropene	0.32	U	0.19	2.0
Methylene Chloride	0.32	U	0.092	2.0
tert-Butyl alcohol	0.32	U	0.16	20
Methyl tert-butyl ether	0.16	U	0.060	0.80
trans-1,2-Dichloroethene	0.32	U	0.092	0.80
n-Hexane	3.3		0.080	0.80
1,1-Dichloroethane	0.32	U	0.092	0.80
Methyl Ethyl Ketone	0.99	J	0.10	2.0
cis-1,2-Dichloroethene	0.80	U	0.34	0.80
1,2-Dichloroethene, Total	0.32	U	0.092	0.80
Chloroform	0.32	U	0.096	0.80
Tetrahydrofuran	0.32	U	0.12	20
1,1,1-Trichloroethane	0.32	U	0.080	0.80
Cyclohexane	0.16	U	0.076	0.80
Carbon tetrachloride	0.16	U	0.052	0.80
2,2,4-Trimethylpentane	1.7		0.060	0.80
Benzene	0.16	U	0.072	0.80
1,2-Dichloroethane	0.16	U	0.072	0.80
n-Heptane	1.1		0.068	0.80
Trichloroethene	0.22	J	0.037	0.80
Methyl methacrylate	0.16	U	0.064	2.0
1,2-Dichloropropane	0.32	U	0.092	0.80
1,4-Dioxane	0.80	U	0.28	20
Bromodichloromethane	0.16	U	0.048	0.80
cis-1,3-Dichloropropene	0.16	U	0.052	0.80
methyl isobutyl ketone	0.32	U	0.14	2.0
Toluene	1.4		0.056	0.80
trans-1,3-Dichloropropene	0.16	U	0.060	0.80
1,1,2-Trichloroethane	0.16	U	0.064	0.80
Tetrachloroethene	0.16	U	0.060	0.80

CWA 5/13/13

Aliquot transferred to original sample 785VMP0501FA (1:1)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9

Client Matrix: Air

Date Sampled: 03/06/2013 1600

Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.32	U	0.16	2.0
Dibromochloromethane	0.16	U	0.044	0.80
1,2-Dibromoethane	0.16	U	0.056	0.80
Chlorobenzene	0.16	U	0.052	0.80
Ethylbenzene	0.40	J	0.060	0.80
m,p-Xylene	1.5	J	0.088	2.0
Xylene, o-	0.47	J	0.064	0.80
Xylene (total)	1.9		0.064	0.80
Styrene	0.16	U	0.044	0.80
Bromoform	0.11	U	0.029	0.80
Cumene	0.16	U	0.044	0.80
1,1,2,2-Tetrachloroethane	0.16	U	0.044	0.80
n-Propylbenzene	0.16	U	0.052	0.80
4-Ethyltoluene	0.16	U	0.060	0.80
1,3,5-Trimethylbenzene	0.16	U	0.076	0.80
2-Chlorotoluene	0.16	U	0.052	0.80
tert-Butylbenzene	0.16	U	0.044	0.80
1,2,4-Trimethylbenzene	0.32	U	0.084	0.80
sec-Butylbenzene	0.16	U	0.060	0.80
4-Isopropyltoluene	0.32	U	0.080	0.80
1,3-Dichlorobenzene	2.5		0.076	0.80
1,4-Dichlorobenzene	0.16	U	0.072	0.80
Benzyl chloride	0.32	U	0.088	0.80
n-Butylbenzene	0.32	U	0.088	0.80
1,2-Dichlorobenzene	0.32	U	0.10	0.80
1,2,4-Trichlorobenzene	0.32	U	0.12	2.0
Hexachlorobutadiene	0.32	U	0.12	0.80
Naphthalene	0.32	U	0.15	2.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.6	J	0.40	9.9
Freon 22	1.1	U	0.33	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	0.56	5.6
Chloromethane	1.5	J	0.28	4.1
n-Butane	2.1	J	0.21	4.8
Vinyl chloride	0.29	U	0.093	2.0
1,3-Butadiene	0.71	U	0.22	1.8
Bromomethane	1.2	U	0.42	3.1
Chloroethane	0.84	U	0.35	5.3
Bromoethene(Vinyl Bromide)	0.70	U	0.33	3.5
Trichlorofluoromethane	1.8	U	0.47	4.5
Freon TF	2.5	U	0.61	6.1
1,1-Dichloroethene	3.2	U	1.4	3.2
Acetone	7.8	J	3.8	48
* Isopropyl alcohol	290		0.75	49
Carbon disulfide	1.0	U	0.25	6.2

AM 5/13/13

use this result only

* result transferred to original sample 785VMP0501FA (1:1)

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.0	U	0.59	6.3
Methylene Chloride	1.1	U	0.32	6.9
tert-Butyl alcohol	0.97	U	0.50	61
Methyl tert-butyl ether	0.58	U	0.22	2.9
trans-1,2-Dichloroethene	1.3	U	0.36	3.2
n-Hexane	12		0.28	2.8
1,1-Dichloroethane	1.3	U	0.37	3.2
Methyl Ethyl Ketone	2.9	J	0.29	5.9
cis-1,2-Dichloroethene	3.2	U	1.3	3.2
1,2-Dichloroethene, Total	1.3	U	0.36	3.2
Chloroform	1.6	U	0.47	3.9
Tetrahydrofuran	0.94	U	0.34	59
1,1,1-Trichloroethane	1.7	U	0.44	4.4
Cyclohexane	0.55	U	0.26	2.8
Carbon tetrachloride	1.0	U	0.33	5.0
2,2,4-Trimethylpentane	7.8		0.28	3.7
Benzene	0.51	U	0.23	2.6
1,2-Dichloroethane	0.65	U	0.29	3.2
n-Heptane	4.7		0.28	3.3
Trichloroethene	1.2	J	0.20	4.3
Methyl methacrylate	0.66	U	0.26	8.2
1,2-Dichloropropane	1.5	U	0.43	3.7
1,4-Dioxane	2.9	U	1.0	72
Bromodichloromethane	1.1	U	0.32	5.4
cis-1,3-Dichloropropene	0.73	U	0.24	3.6
methyl isobutyl ketone	1.3	U	0.56	8.2
Toluene	5.1		0.21	3.0
trans-1,3-Dichloropropene	0.73	U	0.27	3.6
1,1,2-Trichloroethane	0.87	U	0.35	4.4
Tetrachloroethene	1.1	U	0.41	5.4
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.66	8.2
Dibromochloromethane	1.4	U	0.37	6.8
1,2-Dibromoethane	1.2	U	0.43	6.1
Chlorobenzene	0.73	U	0.24	3.7
Ethylbenzene	1.7	J	0.26	3.5
m,p-Xylene	6.4	J	0.38	8.7
Xylene, o-	2.0	J	0.28	3.5
Xylene (total)	8.4		0.28	3.5
Styrene	0.68	U	0.19	3.4
Bromoform	1.2	U	0.30	8.3
Cumene	0.79	U	0.22	3.9
1,1,2,2-Tetrachloroethane	1.1	U	0.30	5.5
n-Propylbenzene	0.79	U	0.26	3.9
4-Ethyltoluene	0.79	U	0.29	3.9
1,3,5-Trimethylbenzene	0.79	U	0.37	3.9
2-Chlorotoluene	0.83	U	0.27	4.1

CLK 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **785VMP0501FA**

Lab Sample ID: 280-39902-9
Client Matrix: Air

Date Sampled: 03/06/2013 1600
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb019.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	04/02/2013 0043	Run Type:	DL	Final Weight/Volume:	200 mL
Prep Date:	04/02/2013 0043			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.88	U	0.24	4.4
1,2,4-Trimethylbenzene	1.6	U	0.41	3.9
sec-Butylbenzene	0.88	U	0.33	4.4
4-Isopropyltoluene	1.8	U	0.44	4.4
1,3-Dichlorobenzene	15		0.46	4.8
1,4-Dichlorobenzene	0.96	U	0.43	4.8
Benzyl chloride	1.7	U	0.46	4.1
n-Butylbenzene	1.8	U	0.48	4.4
1,2-Dichlorobenzene	1.9	U	0.63	4.8
1,2,4-Trichlorobenzene	2.4	U	0.89	15
Hexachlorobutadiene	3.4	U	1.2	8.5
Naphthalene	1.7	U	0.80	10

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HC**

Lab Sample ID: 280-39902-10
Client Matrix: Air

Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.53		0.020	0.50
Freon 22	0.25	J	0.023	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.020	0.20
Chloromethane	0.080	U	0.034	0.50
n-Butane	0.49	J	0.022	0.50
Vinyl chloride	0.028	U	0.0091	0.20
1,3-Butadiene	0.080	U	0.025	0.20
Bromomethane	0.080	U	0.027	0.20
Chloroethane	0.080	U	0.033	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.021	0.20
Freon TF	0.079	J	0.020	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
Acetone	0.90	J	0.40	5.0
Isopropyl alcohol	11	J	0.076	5.0
Carbon disulfide	0.080	U	0.020	0.50
3-Chloropropene	0.080	U	0.047	0.50
Methylene Chloride	0.080	U	0.023	0.50
tert-Butyl alcohol	0.080	U	0.041	5.0
Methyl tert-butyl ether	0.040	U	0.015	0.20
trans-1,2-Dichloroethene	0.080	U	0.023	0.20
n-Hexane	0.72	J	0.020	0.20
1,1-Dichloroethane	0.080	U	0.023	0.20
Methyl Ethyl Ketone	0.26	J	0.025	0.50
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,2-Dichloroethene, Total	0.080	U	0.023	0.20
Chloroform	0.080	U	0.024	0.20
Tetrahydrofuran	0.080	U	0.029	5.0
1,1,1-Trichloroethane	0.080	U	0.020	0.20
Cyclohexane	0.040	UJ	0.019	0.20
Carbon tetrachloride	0.065	J	0.013	0.20
2,2,4-Trimethylpentane	0.28	J	0.015	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.040	U	0.018	0.20
n-Heptane	0.24	J	0.017	0.20
Trichloroethene	1.7	J	0.0092	0.20
Methyl methacrylate	0.040	U	0.016	0.50
1,2-Dichloropropane	0.080	U	0.023	0.20
1,4-Dioxane	0.20	U	0.070	5.0
Bromodichloromethane	0.040	U	0.012	0.20
cis-1,3-Dichloropropene	0.040	U	0.013	0.20
methyl isobutyl ketone	0.080	U	0.034	0.50
Toluene	0.25	J	0.014	0.20
trans-1,3-Dichloropropene	0.040	U	0.015	0.20
1,1,2-Trichloroethane	0.040	U	0.016	0.20
Tetrachloroethene	0.040	U	0.015	0.20

Cut 5/13/13

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HC**

Lab Sample ID: 280-39902-10
Client Matrix: Air

Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.080	U	0.040	0.50
Dibromochloromethane	0.040	U	0.011	0.20
1,2-Dibromoethane	0.040	U	0.014	0.20
Chlorobenzene	0.040	U	0.013	0.20
Ethylbenzene	0.040	U	0.015	0.20
m,p-Xylene	0.16	J	0.022	0.50
Xylene, o-	0.063	J	0.016	0.20
Xylene (total)	0.22	J	0.016	0.20
Styrene	0.040	U	0.011	0.20
Bromoform	0.028	U	0.0072	0.20
Cumene	0.040	U	0.011	0.20
1,1,2,2-Tetrachloroethane	0.040	U	0.011	0.20
n-Propylbenzene	0.040	U	0.013	0.20
4-Ethyltoluene	0.040	U	0.015	0.20
1,3,5-Trimethylbenzene	0.040	U	0.019	0.20
2-Chlorotoluene	0.040	U	0.013	0.20
tert-Butylbenzene	0.040	U	0.011	0.20
1,2,4-Trimethylbenzene	0.080	U	0.021	0.20
sec-Butylbenzene	0.040	U	0.015	0.20
4-Isopropyltoluene	0.080	U	0.020	0.20
1,3-Dichlorobenzene	0.34	J	0.019	0.20
1,4-Dichlorobenzene	0.040	U	0.018	0.20
Benzyl chloride	0.080	U	0.022	0.20
n-Butylbenzene	0.080	U	0.022	0.20
1,2-Dichlorobenzene	0.080	U	0.026	0.20
1,2,4-Trichlorobenzene	0.080	U	0.030	0.50
Hexachlorobutadiene	0.080	U	0.029	0.20
Naphthalene	0.080	U	0.038	0.50

CA 5/13/13

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6		0.099	2.5
Freon 22	0.89	J	0.081	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.14	1.4
Chloromethane	0.17	U	0.070	1.0
n-Butane	1.2	J	0.052	1.2
Vinyl chloride	0.072	U	0.023	0.51
1,3-Butadiene	0.18	U	0.055	0.44
Bromomethane	0.31	U	0.10	0.78
Chloroethane	0.21	U	0.087	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.12	1.1
Freon TF	0.61	J	0.15	1.5
1,1-Dichloroethene	0.79	U	0.34	0.79
Acetone	2.1	J	0.95	12
Isopropyl alcohol	26	J	0.19	12
Carbon disulfide	0.25	U	0.062	1.6

Client: FPM Remediations Inc

Job Number: 280-39902-1

Client Sample ID: **786VMP0102HC**

Lab Sample ID: 280-39902-10
Client Matrix: Air

Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.25	U	0.15	1.6
Methylene Chloride	0.28	U	0.080	1.7
tert-Butyl alcohol	0.24	U	0.12	15
Methyl tert-butyl ether	0.14	U	0.054	0.72
trans-1,2-Dichloroethene	0.32	U	0.091	0.79
n-Hexane	2.5	J	0.070	0.70
1,1-Dichloroethane	0.32	U	0.093	0.81
Methyl Ethyl Ketone	0.76	J	0.074	1.5
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,2-Dichloroethene, Total	0.32	U	0.091	0.79
Chloroform	0.39	U	0.12	0.98
Tetrahydrofuran	0.24	U	0.086	15
1,1,1-Trichloroethane	0.44	U	0.11	1.1
Cyclohexane	0.14	UJ	0.065	0.69
Carbon tetrachloride	0.41	J M	0.082	1.3
2,2,4-Trimethylpentane	1.3	M J	0.070	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.16	U	0.073	0.81
n-Heptane	0.97	J	0.070	0.82
Trichloroethene	9.1	J	0.049	1.1
Methyl methacrylate	0.16	U	0.066	2.0
1,2-Dichloropropane	0.37	U	0.11	0.92
1,4-Dioxane	0.72	U	0.25	18
Bromodichloromethane	0.27	U	0.080	1.3
cis-1,3-Dichloropropene	0.18	U	0.059	0.91
methyl isobutyl ketone	0.33	U	0.14	2.0
Toluene	0.94	J	0.053	0.75
trans-1,3-Dichloropropene	0.18	U	0.068	0.91
1,1,2-Trichloroethane	0.22	U	0.087	1.1
Tetrachloroethene	0.27	U	0.10	1.4
Methyl Butyl Ketone (2-Hexanone)	0.33	U	0.16	2.0
Dibromochloromethane	0.34	U	0.094	1.7
1,2-Dibromoethane	0.31	U	0.11	1.5
Chlorobenzene	0.18	U	0.060	0.92
Ethylbenzene	0.17	U	0.065	0.87
m,p-Xylene	0.70	J M	0.096	2.2
Xylene, o-	0.27	J M	0.069	0.87
Xylene (total)	0.97	J	0.069	0.87
Styrene	0.17	U	0.047	0.85
Bromoform	0.29	U	0.074	2.1
Cumene	0.20	U	0.054	0.98
1,1,2,2-Tetrachloroethane	0.27	U	0.076	1.4
n-Propylbenzene	0.20	U	0.064	0.98
4-Ethyltoluene	0.20	U	0.074	0.98
1,3,5-Trimethylbenzene	0.20	U	0.093	0.98
2-Chlorotoluene	0.21	U	0.067	1.0

CWT 5/13/13

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Date Sampled: 03/06/2013 1431
Date Received: 03/14/2013 1010

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-53730	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	clmb010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2013 1647			Final Weight/Volume:	200 mL
Prep Date:	04/01/2013 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.22	U	0.060	1.1
1,2,4-Trimethylbenzene	0.39	U	0.10	0.98
sec-Butylbenzene	0.22	U	0.082	1.1
4-Isopropyltoluene	0.44	U	0.11	1.1
1,3-Dichlorobenzene	2.0	J	0.11	1.2
1,4-Dichlorobenzene	0.24	U	0.11	1.2
Benzyl chloride	0.41	U	0.11	1.0
n-Butylbenzene	0.44	U	0.12	1.1
1,2-Dichlorobenzene	0.48	U	0.16	1.2
1,2,4-Trichlorobenzene	0.59	U	0.22	3.7
Hexachlorobutadiene	0.85	U	0.31	2.1
Naphthalene	0.42	U	0.20	2.6

CM
3/13/13

Appendix E

Building 774 and 776

Flow in Cubic Feet per Minute	**570**
Flow in Cubic Meter per Day	**23260.33**

Volatiles (TO-15)	**Mol. Weight**	**Volatiles (µg/m^3) [1]**	**Volatiles (g/day)**	**adsorption [2]**	**Carbon (g/day)**
Tetrachloroethene (pce)	165	1.5	0.0348905	35%	0.099687
Styrene	104	0.2	0.0034890	25%	0.013956
Xylene (total)	106	1.4	0.0327971	21%	0.156176
Naphthalene	128	1.9	0.0441946	20%	0.220973
Toluene	92	1.2	0.0279124	20%	0.139562
Benzene	78	0.3	0.0069781	12%	0.058151
n-Hexane	86	0.7	0.0153518	7%	0.219312
Methyl Ethyl Ketone	72	2.5	0.0581508	4%	1.453770
Methylene Chloride	84	0.6	0.0148866	2%	0.744330
Acetone	58	23	0.5349875	0.8%	66.873440
Trichloroethene (TCE)	131	190	4.4194621	20%	22.097311
		average adsorption	**5.19**		**92.076669**
			Average lifespan of two 140# drum:		1381 days

Notes:

1 - These values are based on the influent air sample collected on 3-Aug-2012.

2 - The % adsorption was taken from granular activated carbon manufacturer (Carbtrol) documentation.

Building 785 and 786

Flow in Cubic Feet per Minute	**300**
Flow in Cubic Meter per Day	**12242.28**

Volatiles (TO-15)	**Mol. Weight**	**Volatiles (µg/m^3) [1]**	**Volatiles (g/day)**	**adsorption [2]**	**Carbon (g/day)**
Tetrachloroethene (pce)	165	22	0.2693301	35%	0.769515
Styrene	104	0.5	0.0058763	25%	0.023505
Xylene (total)	106	5	0.0563145	21%	0.268164
Naphthalene	128	2	0.0281572	20%	0.140786
Toluene	92	10	0.1163016	20%	0.581508
Benzene	78	1	0.0062436	12%	0.052030
n-Hexane	86	5	0.0661083	7%	0.944404
Methyl Ethyl Ketone	72	5	0.0648841	4%	1.622102
Methylene Chloride	84	2	0.0244846	2%	1.224228
Acetone	58	56	0.6855675	0.8%	85.695942
Trichloroethene (TCE)	131	250	3.0605693	20%	15.302847
		average adsorption	**4.38**		**106.625030**
				Average lifespan of two 140# drum:	1192 days

Notes:

1 - These values are based on the influent air sample collected on 3-Aug-2012.

2 - The % adsorption was taken from granular activated carbon manufacturer (Carbtrol) documentation.