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 2012)

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

Revision 2.0

March 2013

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LIST OF ACRONYMS AND ABBREVIATIONS

AF	Air Force
AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center
AFRPA	Air Force Real Property Agency
bgs	below ground surface
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
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
SVI	Soil Vapor Intrusion
TCA	1,1,1-trichloroethane
TCE	trichloroethylene/trichloroethene
USEPA	United States Environmental Protection Agency

LIST OF ACRONYMS AND ABBREVIATIONS (continued)

VC	Vinyl Chloride
VOC	volatile organic compound

1 INTRODUCTION

FPM Remediations, Inc. (FPM), in association with CAPE, 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 Building 775 Site (SD-52-02) [Buildings 774 and 776] and Apron 2 Chlorinated Plume Site (SD-52-01) [Buildings 785 and 786] at the former Griffiss Air Force Base (AFB) in Rome, New York. Figure 1-1 is a site location map of Buildings 774, 776, 785 and 786. The O&M at the sites is conducted in accordance with provisions of the Basic Contract # FA8903-10-D-8595 and Delivery Order # 0014.

This quarterly report has been prepared to provide the SSVM systems data from the 1st quarter of the calendar year (CY) 2012. O&M was conducted in accordance with the Draft Completion Report Sub-Slab Vapor Mitigation Systems (FPM, May 2012).

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2 SITE INFORMATION

2.1 BUILDINGS 774 AND 776 SITE (SD-52-02)

These two buildings 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 Building 775 Site (SD-52-02) (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 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). 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 E&E 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) [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. 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 soil vapor intrusion (SVI) evaluation during the PDI activities. 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. 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 Real Property Agency (AFRPA), 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 sub-slab vapor result reported in 2006 was 1,700 micrograms per cubic meter ($\mu g/m^3$) at location 774SSV-1. The highest result reported in 2008 was 590 $\mu g/m^3$ 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. 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 sub-slab vapor result reported in 2006 was 3,000 $\mu g/m^3$ at location 776SSV-1. 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. 2006 sub-slab vapor concentrations in Building 776 exceeded AF screening levels, however concentrations in 2008 were below screening levels.

2.1.5 Buildings 774 and 776 Sub-Slab Vapor Mitigation Results 2011

FPM performed SSVM at Buildings 774 and 776 with continuous 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 2-3.

O&M of the SSVM system included system component readings, vapor monitoring point (VMP) vacuum measurements, sub-slab vapor, indoor air, outdoor air, influent and effluent sampling, and granular activated carbon (GAC) disposal and replacement. System component readings included system temperature, flow, vacuum and motor status to determine proper operation.

Sub-slab vapor sampling results (Table 3-2) indicated a decreasing trend in TCE levels in Buildings 774 and 776. 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, where 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.

2.1.5.1 4th Quarter / Calendar Year 2011

It has been documented 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 was submitted to the Rome Water Pollution Control Facility (RWPCF) and received approval on January 5, 2012 to discharge extracted water into the sanitary sewer.

An effluent sample was collected on December 19, 2011 at 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.

Based on the December 2011 sampling results and previous O&M effluent sampling results, a schedule (carbon life span based on effluent COC concentrations) was determined for carbon replacement, which is every two months. Therefore, effluent sampling was removed from the Buildings 774 and 776 SSVM system O&M.

2.2 BUILDINGS 785 AND 786 SITE (SD-52-01)

Buildings 785 and 786 are located on the Apron 2 Chlorinated Plume Site (SD-52-01) 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 may contain several cracks that 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. 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 AFRPA, 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 2006 and 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.

Sub-slab vapor sampling results for the 2006 sampling event showed exceedances for TCE of 11,000 µg/m^3 at 785SSV-1. The April 2008 sampling round data were lower at this location (identical to two orders of magnitude lower) than those reported for the 2006 sampling round data. TCE exceedances of the sub-slab vapor screening levels were reported for sub-slab vapor locations 785SSV-2 and -6 at 430 and 2,200 µg/m^3, respectively.

2.2.4 Building 786 Soil Vapor Intrusion Results 2008

Sub-slab sampling in 2006 and 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.

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^{3}at location 786SSV-1. 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. Only TCE exceeded the sub-slab vapor screening levels at sampling locations 1, 2, 5, and 6 locations for the 2008 sampling round ranging from 1,500 to 19,000 µg/m^3. Generally, small petroleum detections were reported in all samples, but none exceeded the sub-slab screening levels.

2.2.5 Buildings 785 and 786 Sub-Slab Vapor Mitigation Results 2011

FPM performed SSVM at Buildings 785 and 786 with continuous 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 2-4.

O&M of the SSVM system included system component readings, VMP vacuum measurements, sub-slab vapor, indoor air, outdoor air, influent and effluent sampling, and GAC disposal and replacement. System component readings included system temperature, flow, vacuum and motor status to determine proper operation.

Sub-slab vapor sampling results (Table 3-2) indicated a decreasing trend in TCE levels in Buildings 785 and 786. 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, where 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. This location was originally installed south of horizontal well 785SSVM-1. During baseline sampling in Building 785, retained water was observed at this location. Sub-slab VMP installation utilized a 4-inch

diameter concrete core saw to advance an open hole, where water was used as lubrication for the cutting. This water was most likely retained in the hole and therefore the sampling location was undermined. A new location was installed north of the horizontal well, and the original location was never sampled. The new location 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.

2.2.5.1 4th Quarter / Calendar Year 2011

An effluent sample was collected on December 19, 2011 at the Buildings 785 and 786 SSVM system. 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. Following this sampling event, the GAC was replaced.

Based on the December 2011 sampling results and previous O&M effluent sampling results, a schedule (carbon life span based on effluent COC concentrations) was determined for carbon replacement, which is every two months. Therefore, effluent sampling was removed from the Buildings 785 and 786 SSVM system O&M.

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3 OPERATION AND MAINTENANCE

Table 3-1 illustrates the SSVM Systems O&M schedule. O&M includes weekly system component readings, weekly VMP vacuum measurements, and GAC disposal and replacement every two months. Indoor and outdoor air sampling, sub-slab vapor sampling, and influent sampling are conducted semi-annually. The system component readings include recording of system temperature, flow, vacuum and motor status. Appendix A contains all scanned field forms. GAC was replaced on February 23, 2012 and April 23, 2012. Buildings 774 and 776 system flow rate is illustrated on Figure 3-1 and system vacuum is illustrated on Figure 3-2. Buildings 785 and 786 system flow rate is illustrated on Figure 3-3 and system vacuum is illustrated on Figure 3-4

The approved permit (FPM-001) through RWPCF for Buildings 774 and 776 Site to discharge extracted water into the sanitary sewer requires a Quarterly Discharge Report to be submitted to the facility. This discharge report was submitted on April 30, 2012 and is included in Appendix B. The report incorporates data from the 1st quarter of CY 2012 and is comprised of the volume of extracted water that was discharged into the sanitary sewer and the associated analytical sampling results collected monthly directly from the vapor liquid separator. All analytical results were below the limits set by the RWPCF. Also it has been noted that the collected water volume has decreased significantly. Therefore over the next quarter the permit will be in review for possible closure.

3.1 SOIL VAPOR MONITORING

Sub-slab vapor, indoor and outdoor air sampling is scheduled to be performed during the heating and cooling months. Therefore, sampling occurred at Buildings 774, 776, 785 and 786 in the month of January through February 2012. Sampling locations for Buildings 774 and 776 are shown on Figure 2-3 and sampling locations for Buildings 785 and 786 are shown on Figure 2-4.

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. 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 are within an acceptable range and do not pose any unacceptable risk to building occupants. All of the sub-slab results are below vapor screening levels. Table 3-2 summarizes the sub-slab vapor, indoor and outdoor air analytical results and Figure 3-5 shows the sub-slab vapor analytical result TCE trend chart in both Buildings 774 and 776. This results table and trend chart incorporates data from the initial baseline sampling event which occurred before system start-up (May, 2011) until the most recent data (January, 2012). The SSVM system at this site has been in consistent operation for ten months (June 2011 through March 2012).

At the Building 785 Site, the highest sub-slab TCE concentration resulted in 18 µg/m^3 at location 785VMP-5. The indoor air TCE concentration in Building 785 was not detected. The outdoor air sample collected in between Buildings 785 and 786 TCE concentration was not detected. 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 until this most recent sampling event. The indoor air TCE concentration in Building 786 was not detected. All indoor and outdoor air concentrations are within an acceptable range and do not pose any unacceptable risk to building occupants. All of the sub-slab results are below vapor screening levels. Table 3-2 summarizes the sub-slab vapor, indoor and outdoor air analytical results and Figure 3-7 shows the sub-slab vapor analytical result TCE trend chart in both Buildings 785 and 786. This results table and trend chart incorporates data from the initial baseline sampling event which occurred before system start-up (March, 2011 in Building 785 and January, 2011 in Building 786) until the most recent data (January through February, 2012). The SSVM system at this site has been in consistent operation for eleven months (May 2011 through March 2012).

Semi-annual influent sampling occurred on January 24, 2012, prior to sub-slab vapor sampling to determine effective soil vapor extraction. 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. Table 3-3 summarizes influent results and Figure 3-6 shows the trend for influent results at Buildings 774 and 776 since the start-up of the SSVM system. Influent results at Buildings 785 and 786 for TCE were 140 µg/m^3. Table 3-3 summarizes influent results and Figure 3-8 shows the trend for influent results at Buildings 785 and 786 since the start-up of the SSVM system.

3.2 DISCUSSION

The January through February, 2012 SSVM results indicated a decreasing or stable trend in TCE in all sub-slab VMPs, where the most recent sampling round showed all sub-slab vapor concentrations below screening levels. All indoor and outdoor air concentrations were within an acceptable range and did not pose any unacceptable risk to building occupants. Influent sampling results at both sites indicated a decreasing trend in TCE.

It has been observed that the highest TCE concentrations at every Building occur in the VMP with the lowest level of measured vacuum and typically the greatest distance off the horizontal well axis. For Building 774, this location occurred at 774VMP-1, which was initially located next to the underperforming horizontal well 774SSVM-2. Initial vacuum was measured at 0.01 inches of water (in w.g.), where after horizontal well 774SSVM-3 was installed on October 14, 2011, vacuum was measured at 0.2 in w.g. This location is also located the closest to the monitoring well (775VMW- 5, shown on Figure 2-1) with the highest chlorinated solvent concentration in the dissolved groundwater plume at the site. For Building 776, the location with the highest TCE concentration is 776VMP-3 which is 45 ft off the horizontal well axis and has a vacuum measurement of 0.105 in w.g. For Building 785, the location is 785VMP-5, which is 60 ft off the horizontal well axis with a measured vacuum of 0.35 in w.g. For Building 786, the location is 786VMP-2, which is not the greatest distance off the horizontal well axis (30 ft); however has the lowest vacuum measurement at 0.05 in w.g. Soil vapor extraction rates also known as flow discharge rates (unit of volume per time, e.g. cfm), is a function of the product of air permeability, the cross-sectional area flow, and the vacuum gradient, all divided by the viscosity of the vapor, and the length over which the vacuum gradient is taking place.

3.3 CONCLUSIONS AND MONITORING RECOMMENDATIONS

O&M SVI sampling data shows TCE concentrations in the sub-slab are decreasing at all sites as a result of the mitigation system operation. Therefore, the SSVM systems are operating as intended. Continued operation and maintenance is recommended at this time.

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4 REFERENCES

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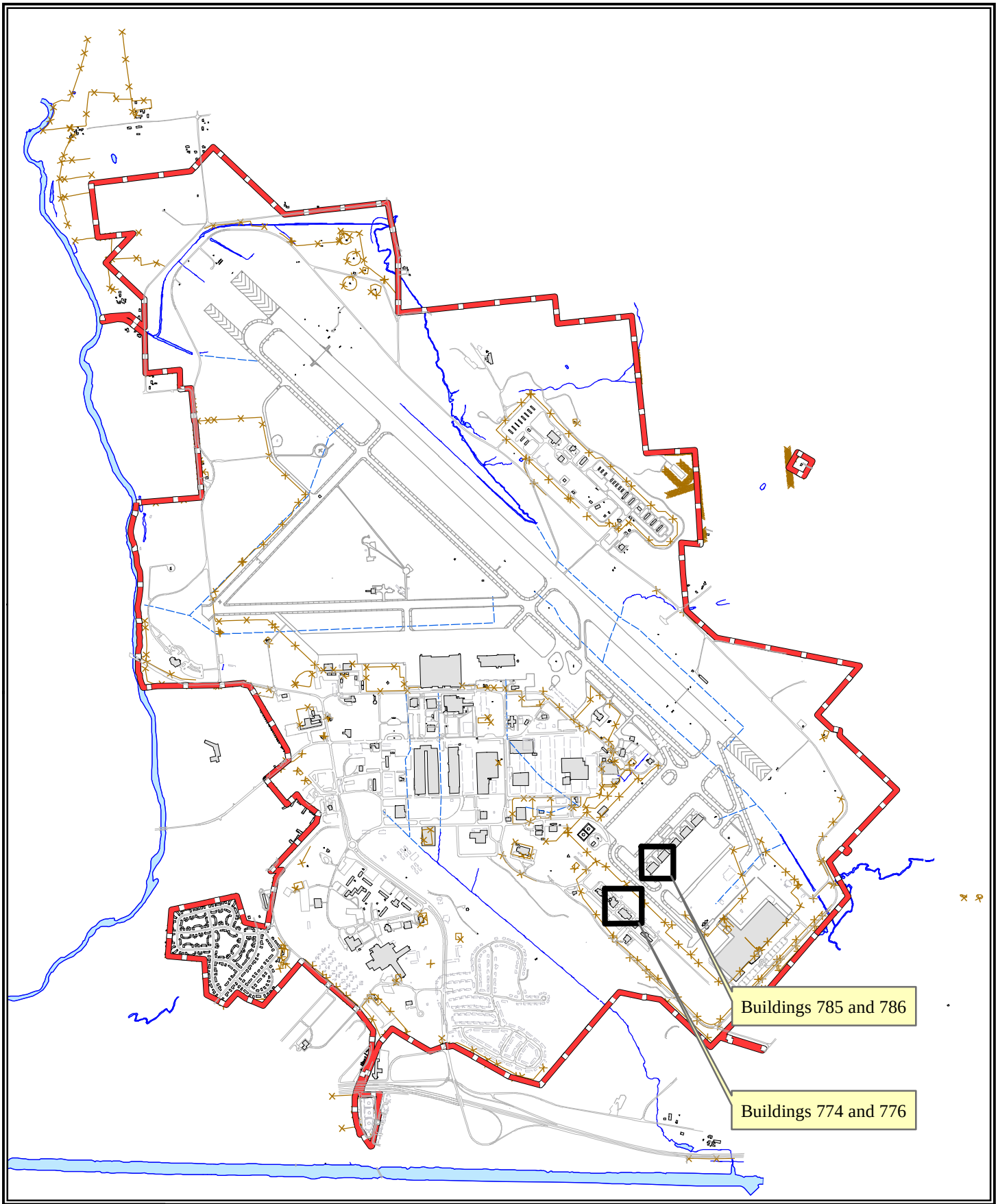
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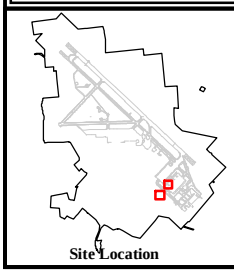
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Figures

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Key to Features

- Road
- Airfield
- Storm Drain
- Surface Water
- Fenceline
- Base Boundary
- Demolished Facilities
- Existing Facilities

FIGURE 1-1
SSVM Site Location Map

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

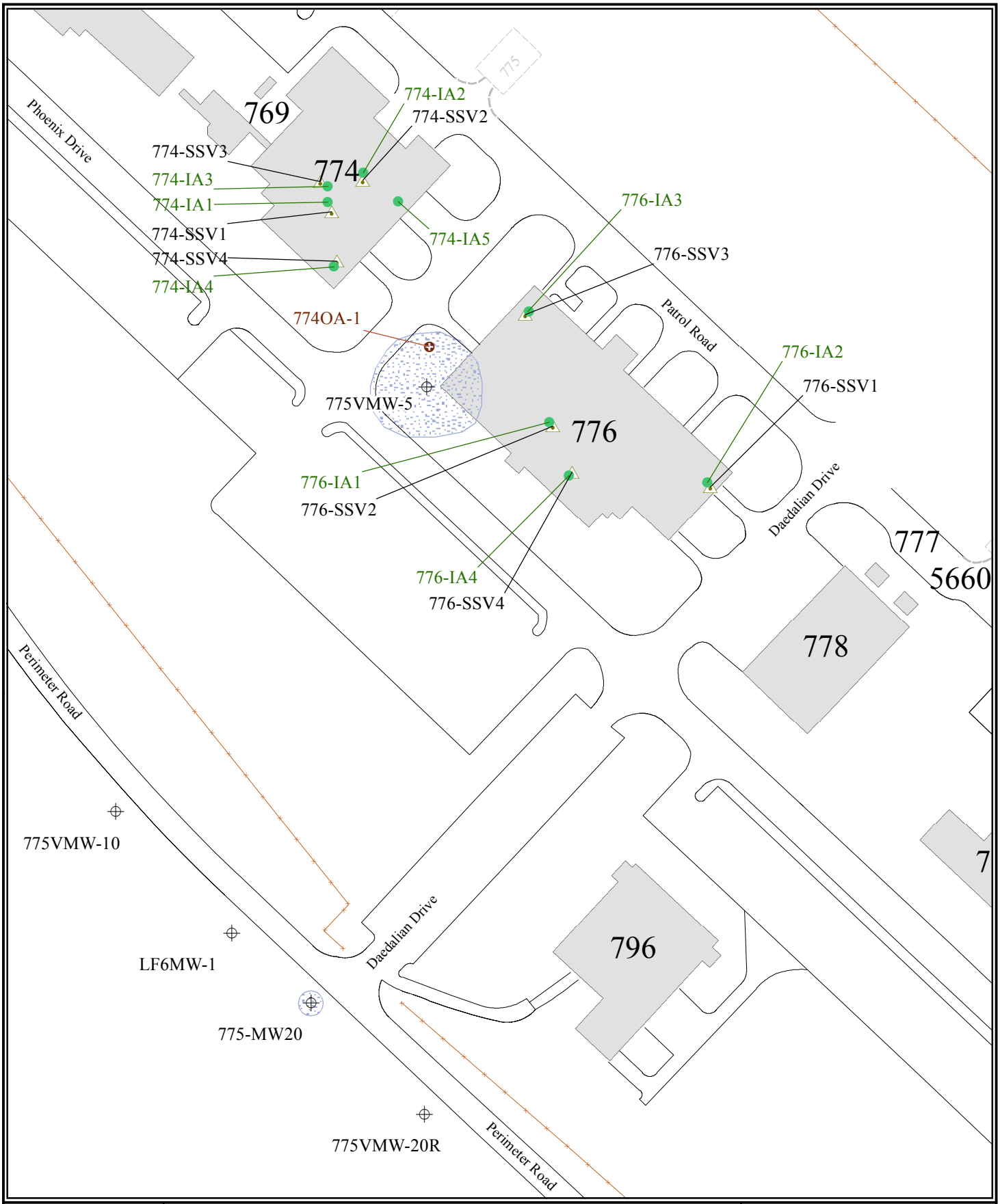
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June 2012

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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

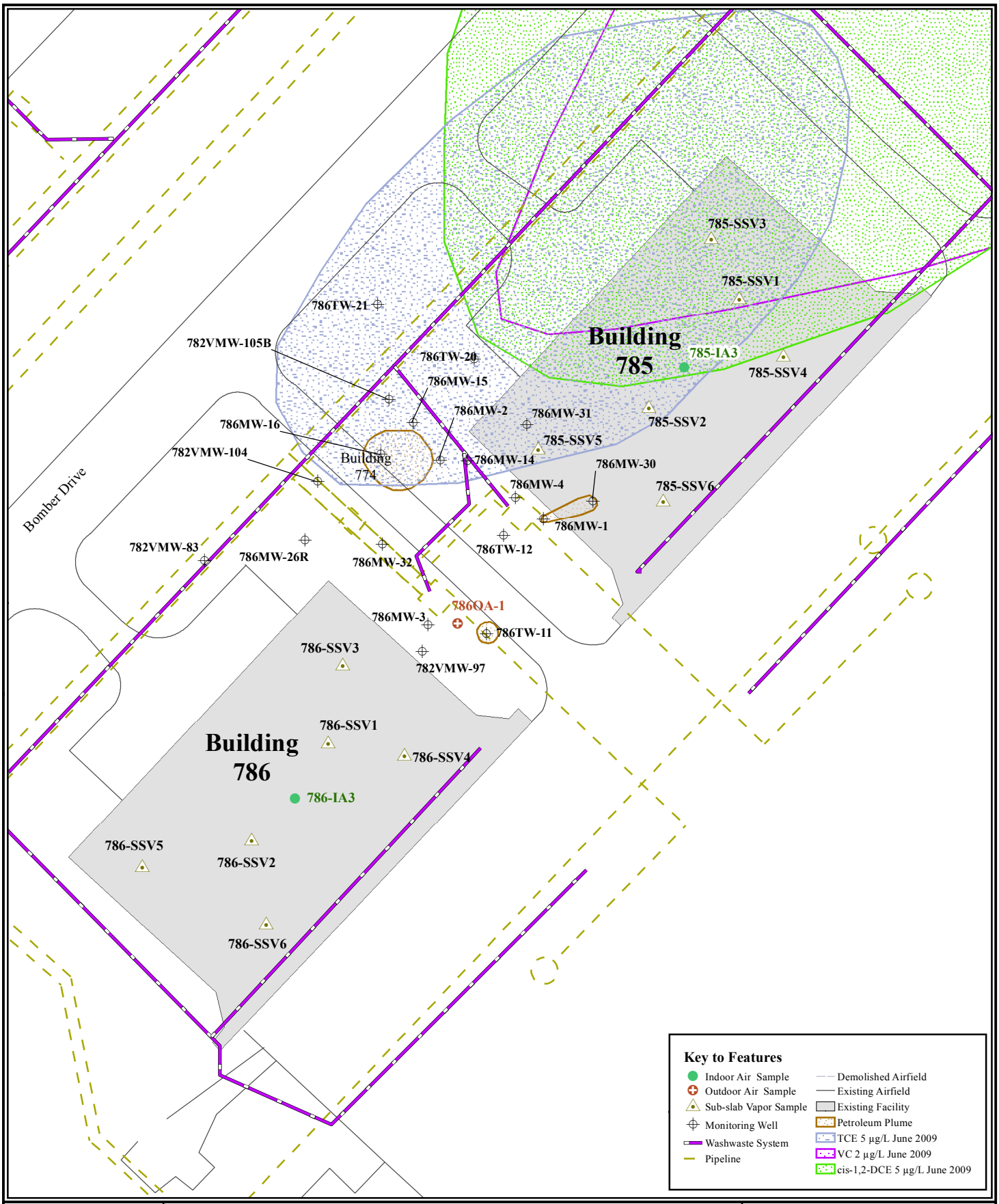
0 50 100 200
Feet

N

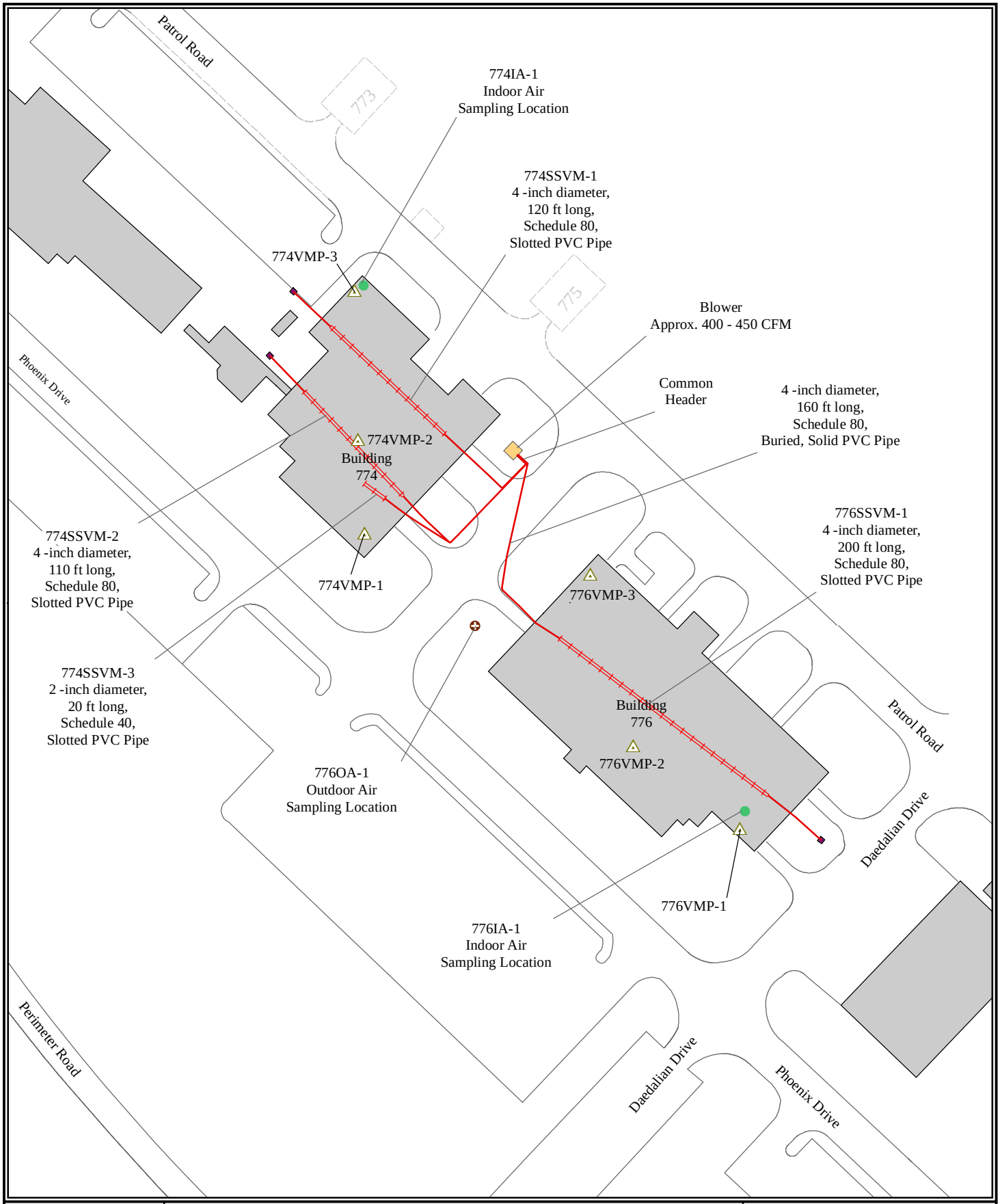
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Site Location

Key to Features

- Indoor
- Outdoor
- SubSlab Vapor
- Horizontal Well Screen
- Horizontal Well Riser
- Demolished Road
- Existing Road
- SVE System
- Entrance/Exit Pit
- Demolished Facility
- Existing Facility

FIGURE 2-3
Buildings 774 and 776
SSVM Systems

0 50 100 200
Feet

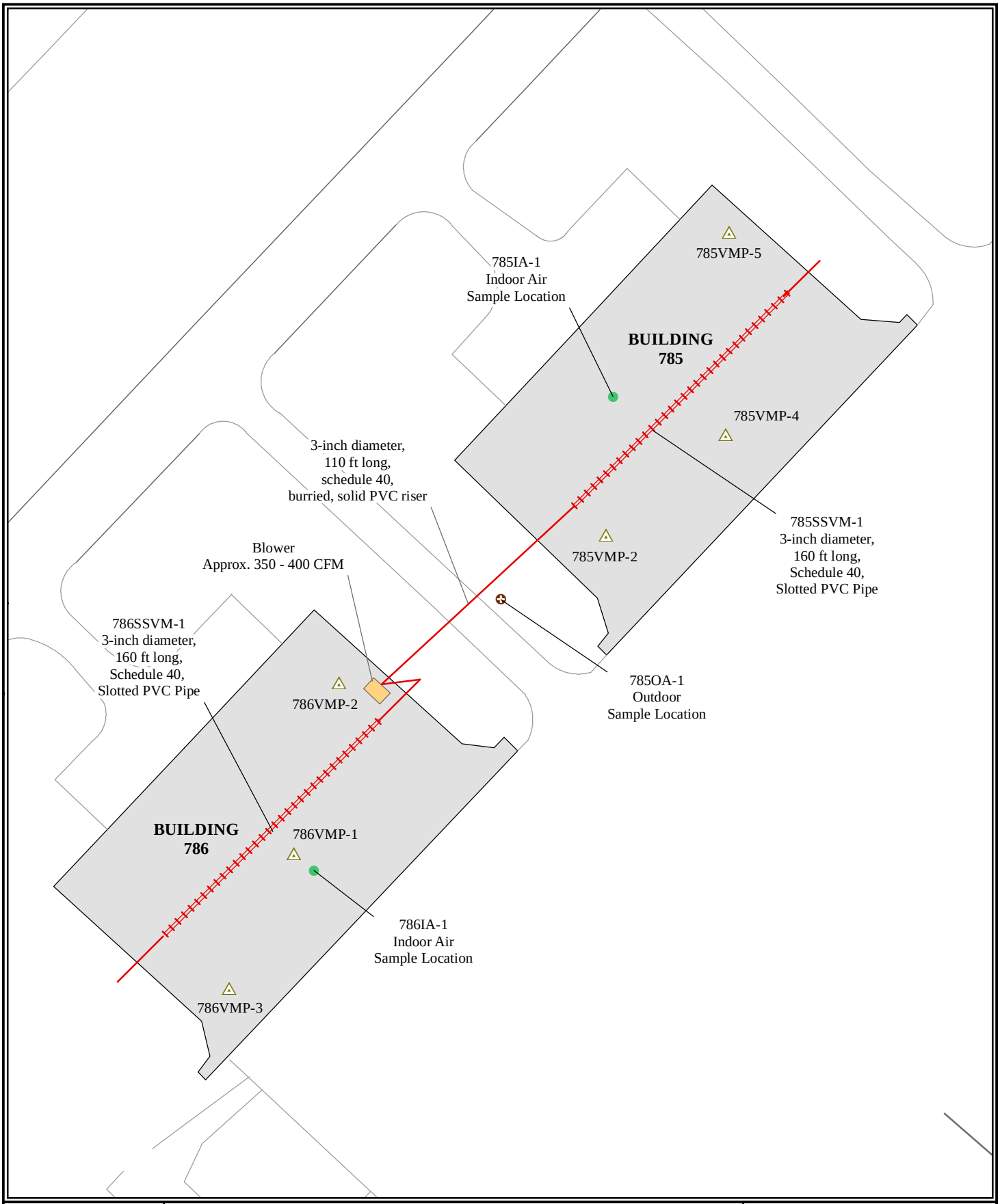
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Site Location

Key to Features

- Indoor Air Sample
- Outdoor Air Sample
- Subslab Sample
- Horizontal Well Screen
- Horizontal Well Riser
- Demolished Road
- Existing Road
- Airfield
- Existing Facility
- SVE System
- Entrance/Exit Pit

FIGURE 2-4
Buildings 785 and 786
SSVM System

0 25 50 100 150
Feet

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Figure 3-1
774SSVM-1, -2 and 776SSVM-1 Long Term Operation Flow Rate
(June 2011 through March 2012)

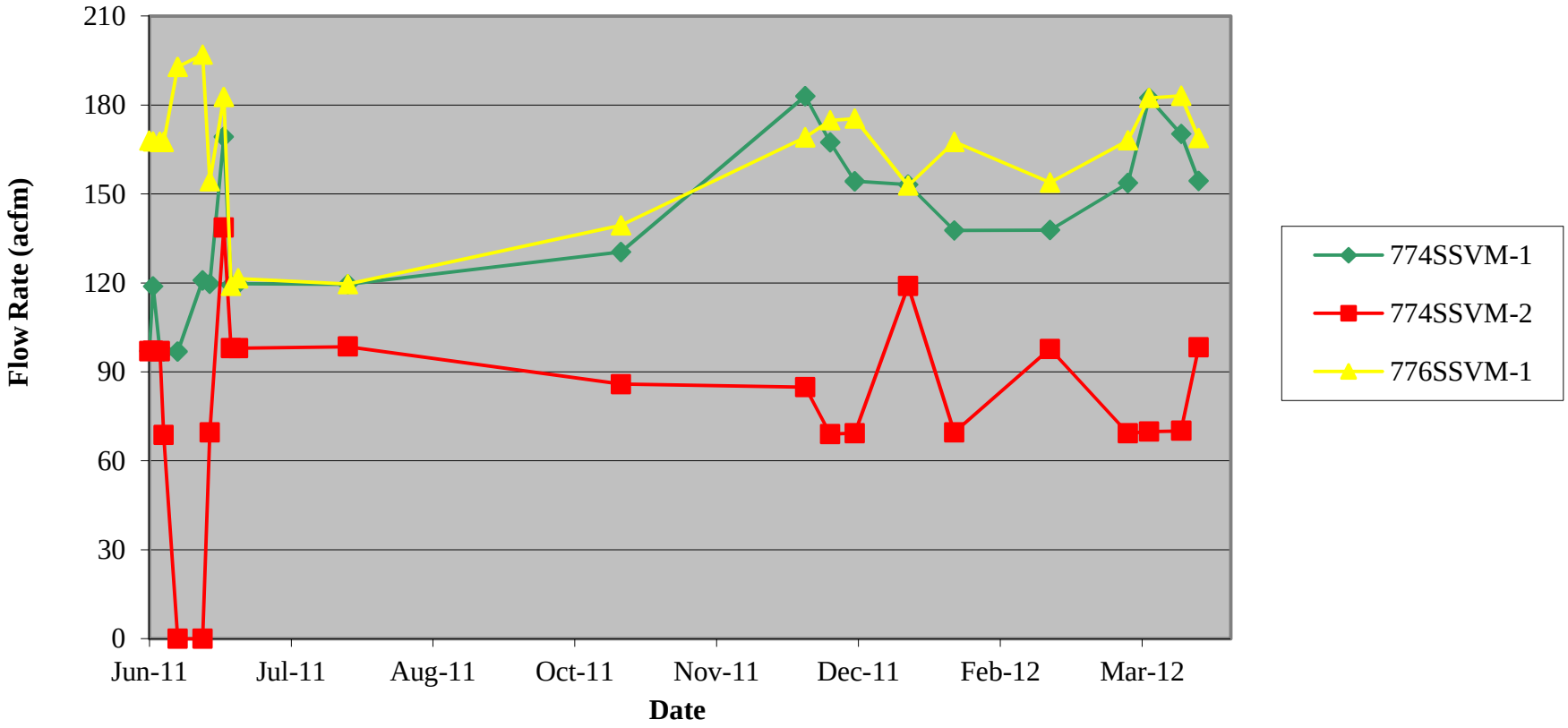


Figure 3-2
774SSVM-1, -2 and 776SSVM-1 Long Term Operation Vacuum
(June 2011 through March 2012)

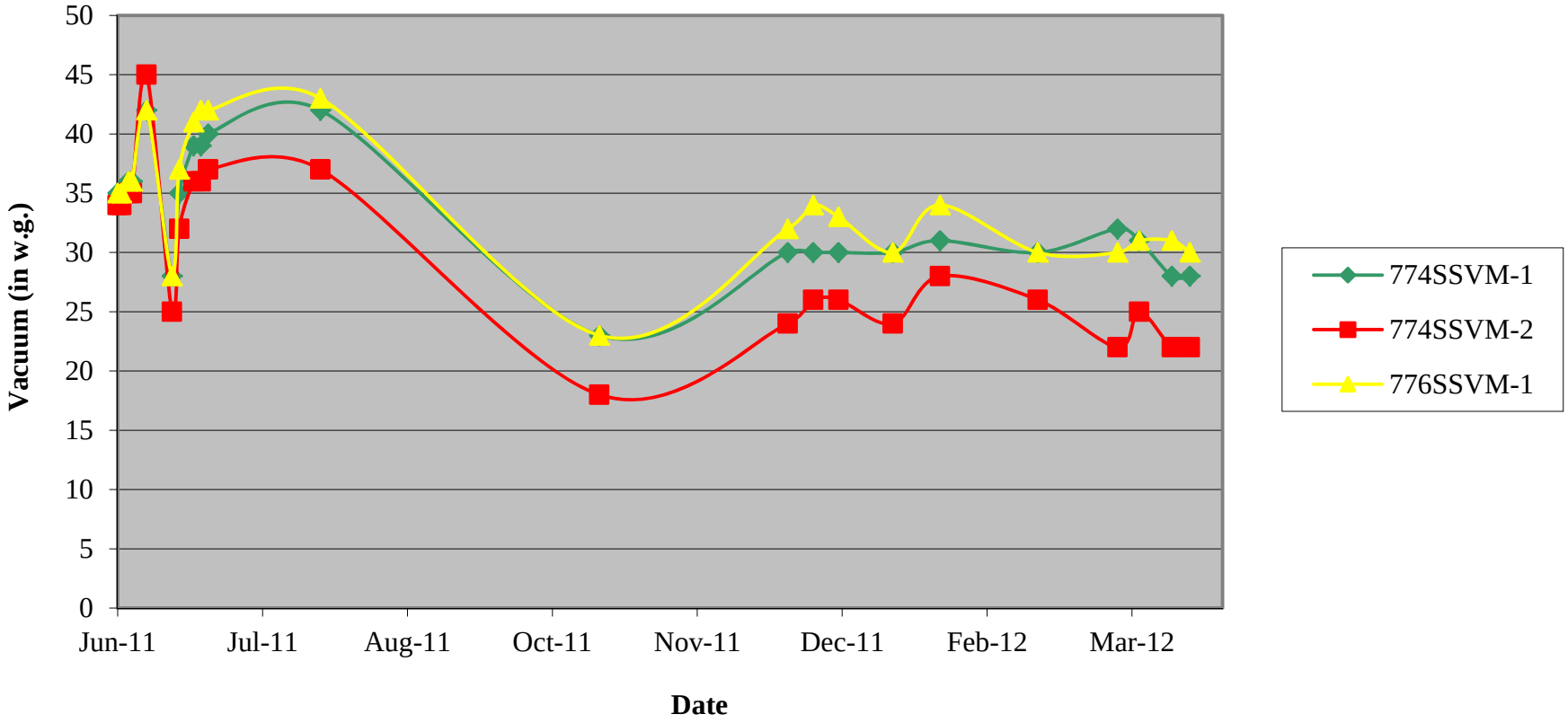


Figure 3-3
785SSVM-1 and 786SSVM-1 Long Term Operation Flow Rate
(May 2011 through March 2012

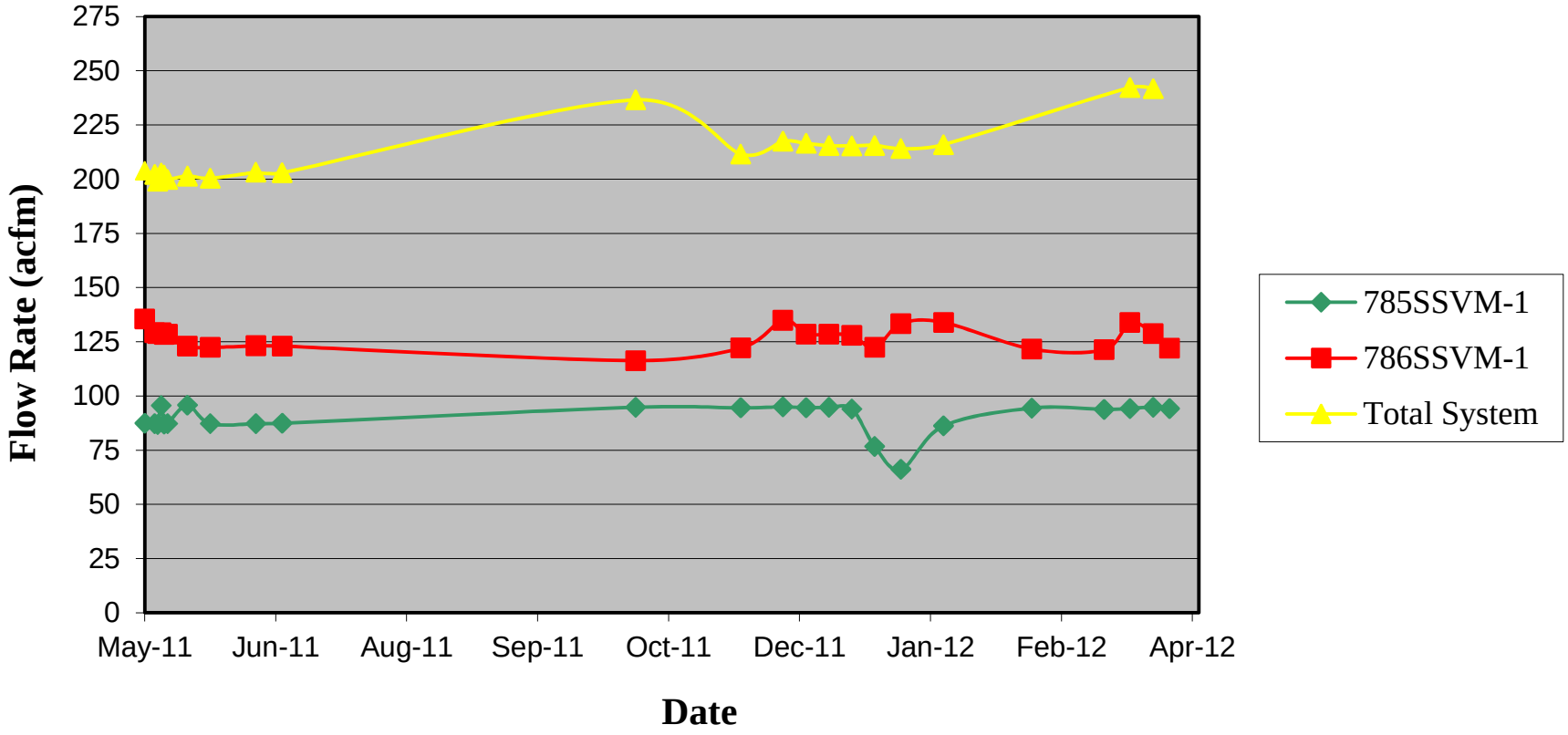


Figure 3-4
785SSVM-1 and 786SSVM-1 Long Term Operation Vacuum
(May 2011 through March 2012)

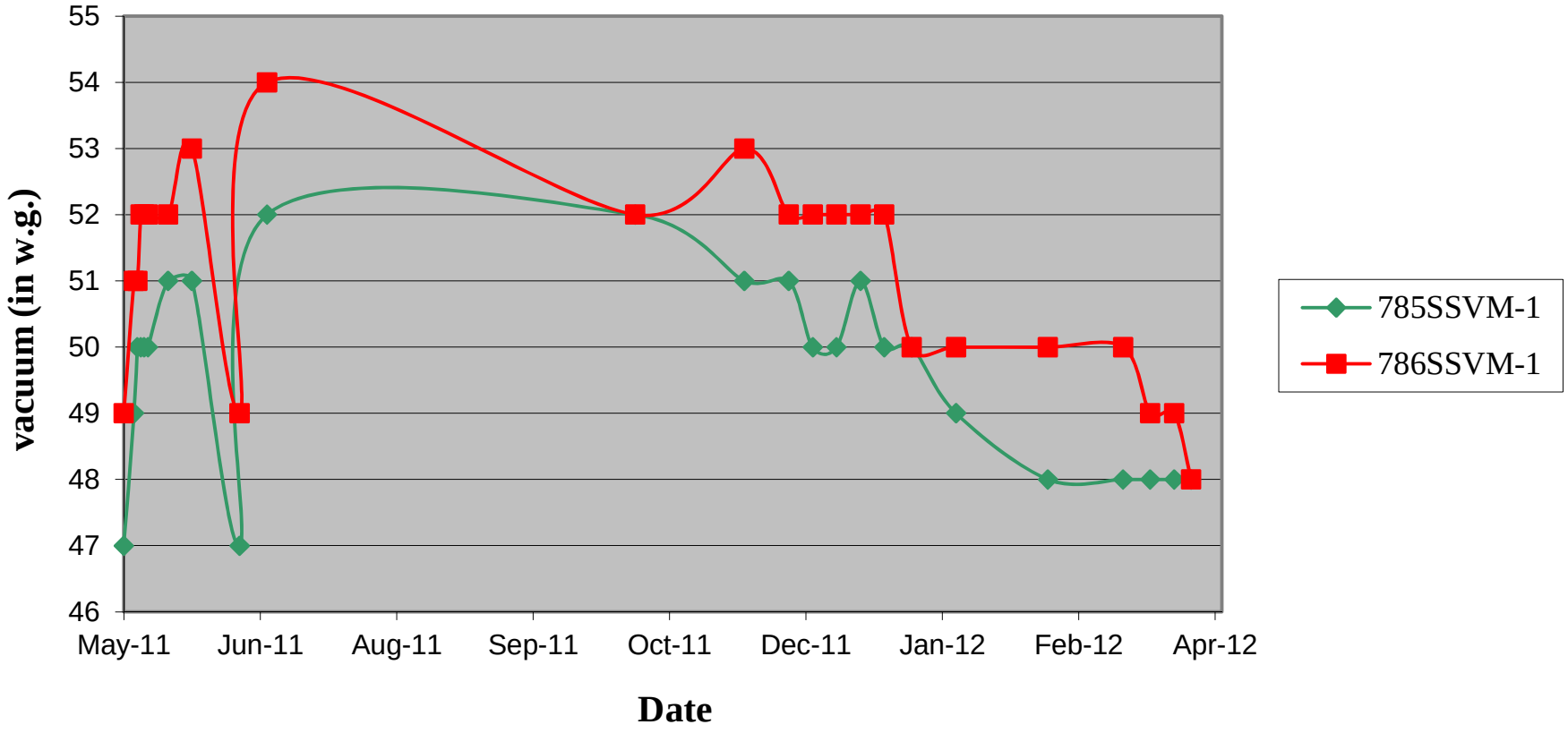


Figure 3-5
Trend Chart Sub-Slab Results Building 774 and 776
(May 2011 through March 2012)

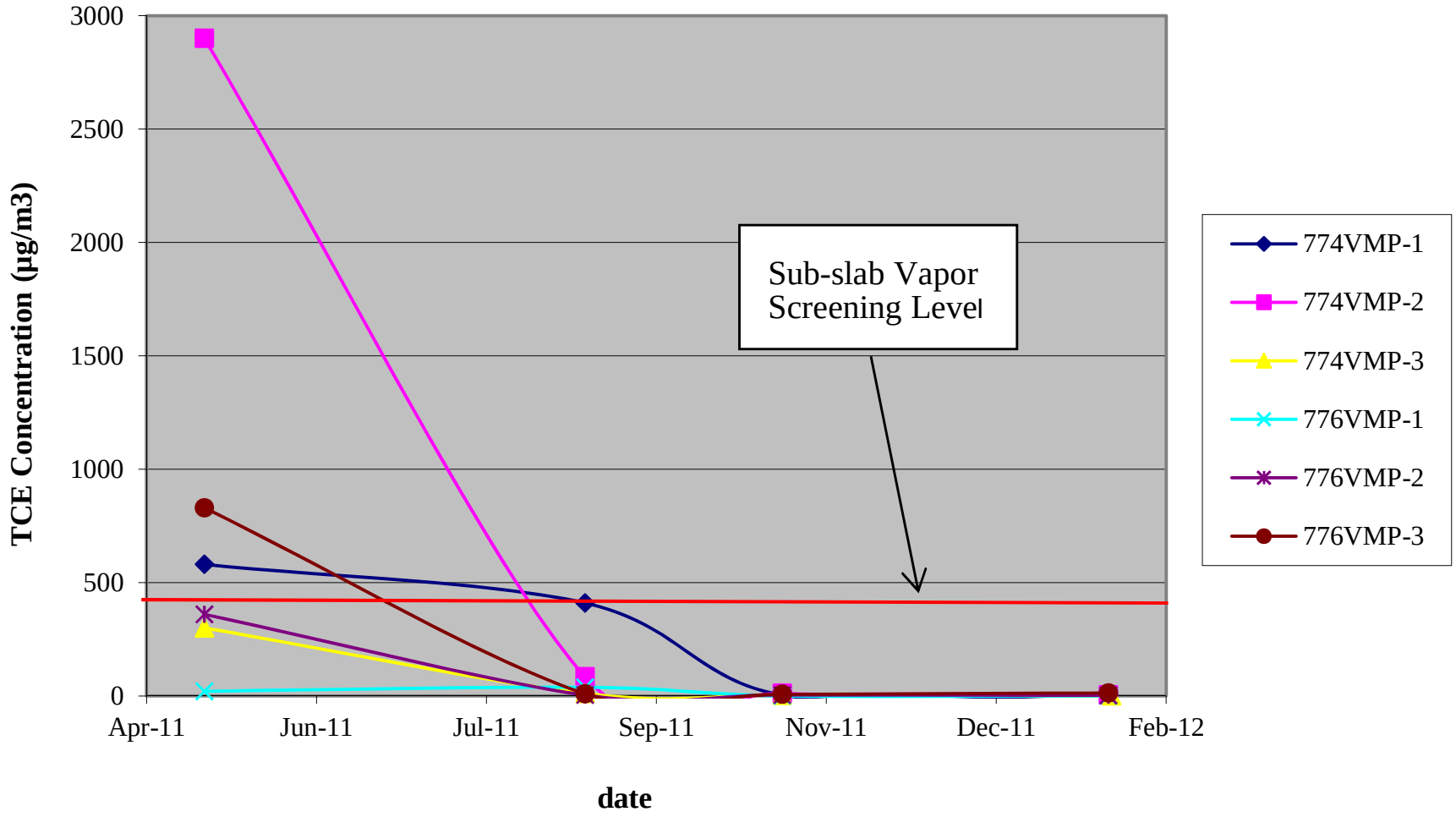


Figure 3-6
Trend Chart Influent Results Building 774 and 776
(June 2011 through March 2012)

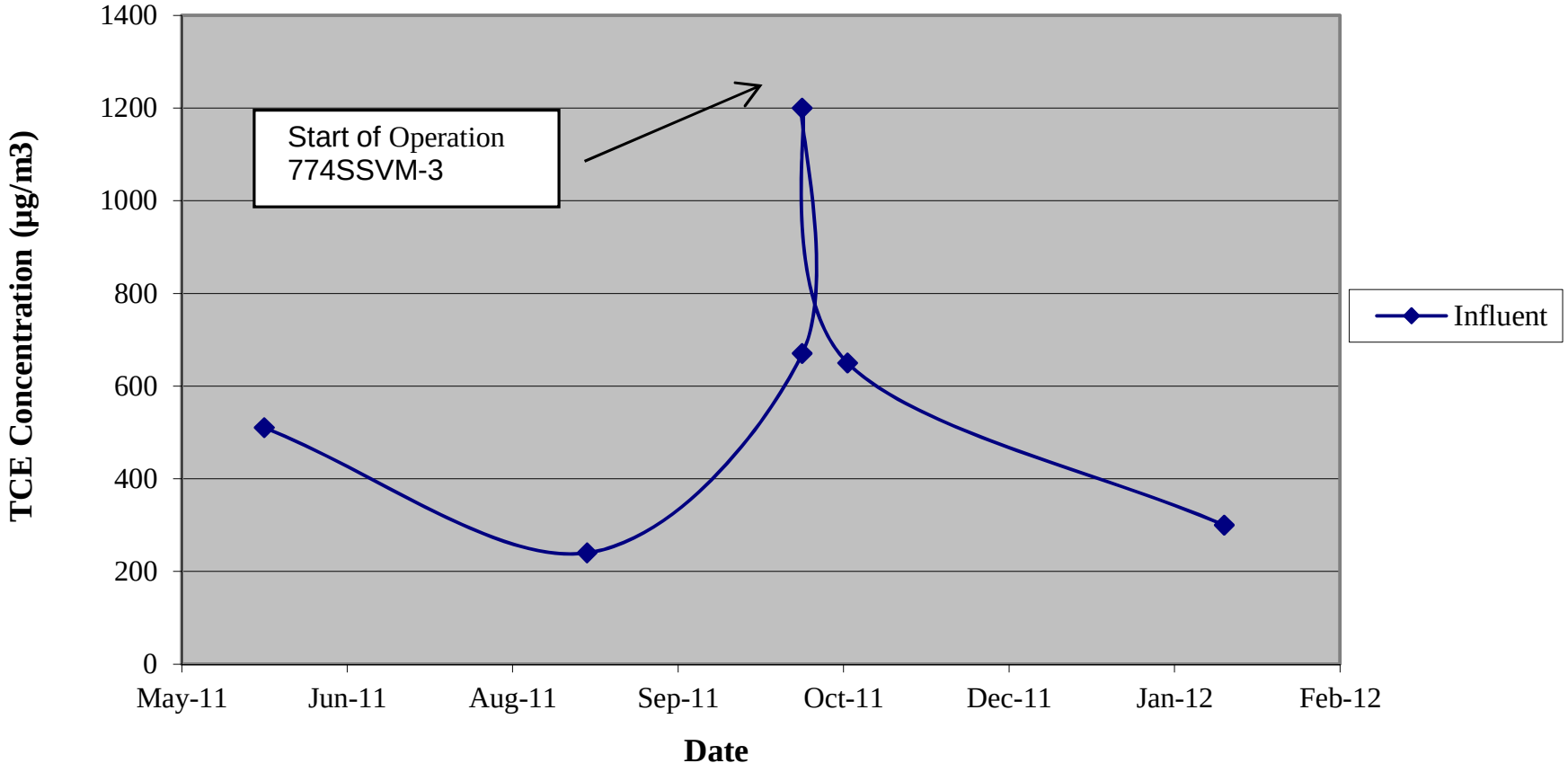


Figure 3-7
Trend Chart Sub-Slab Results Building 785 and 786
(February 2011 through March 2012)

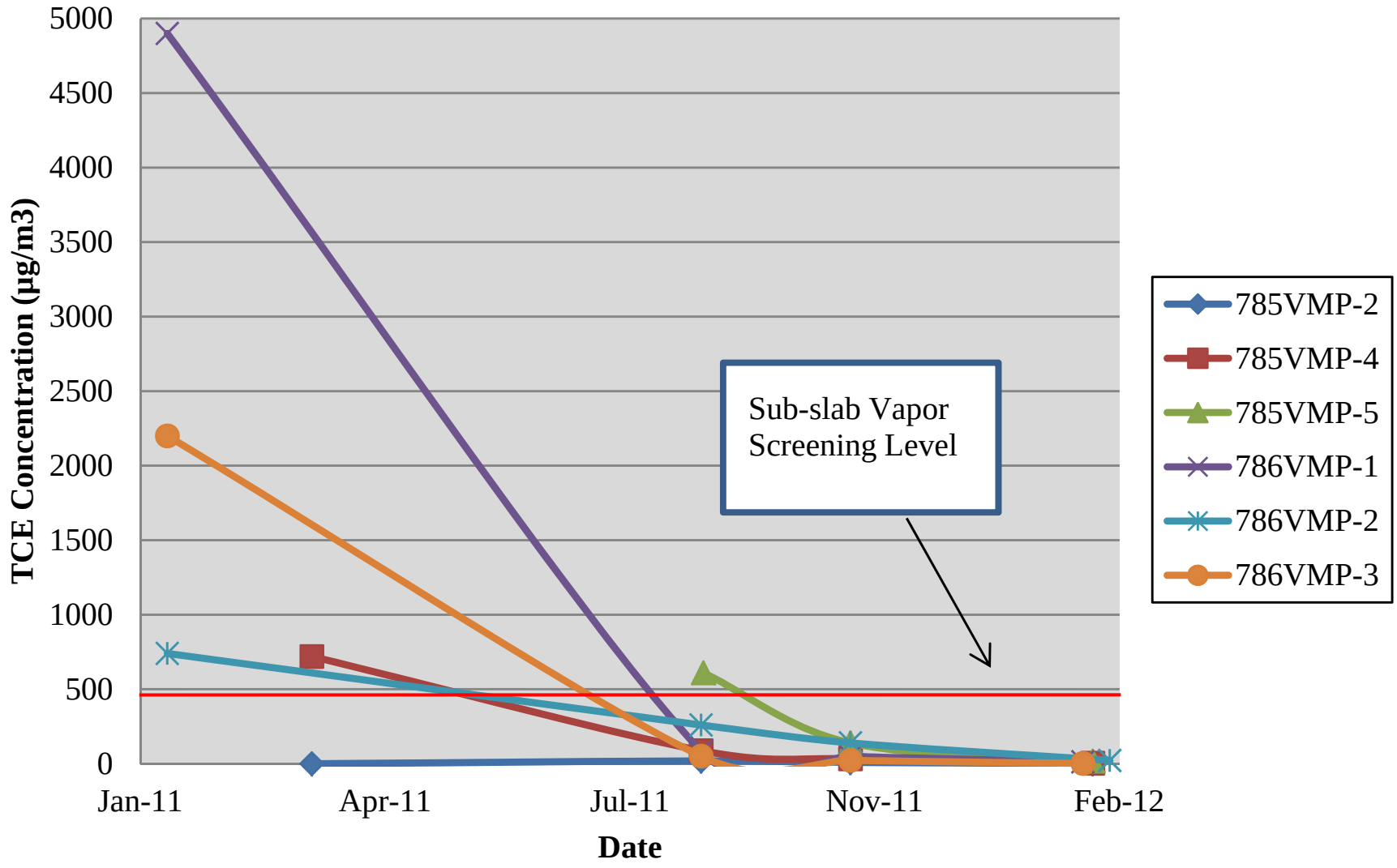
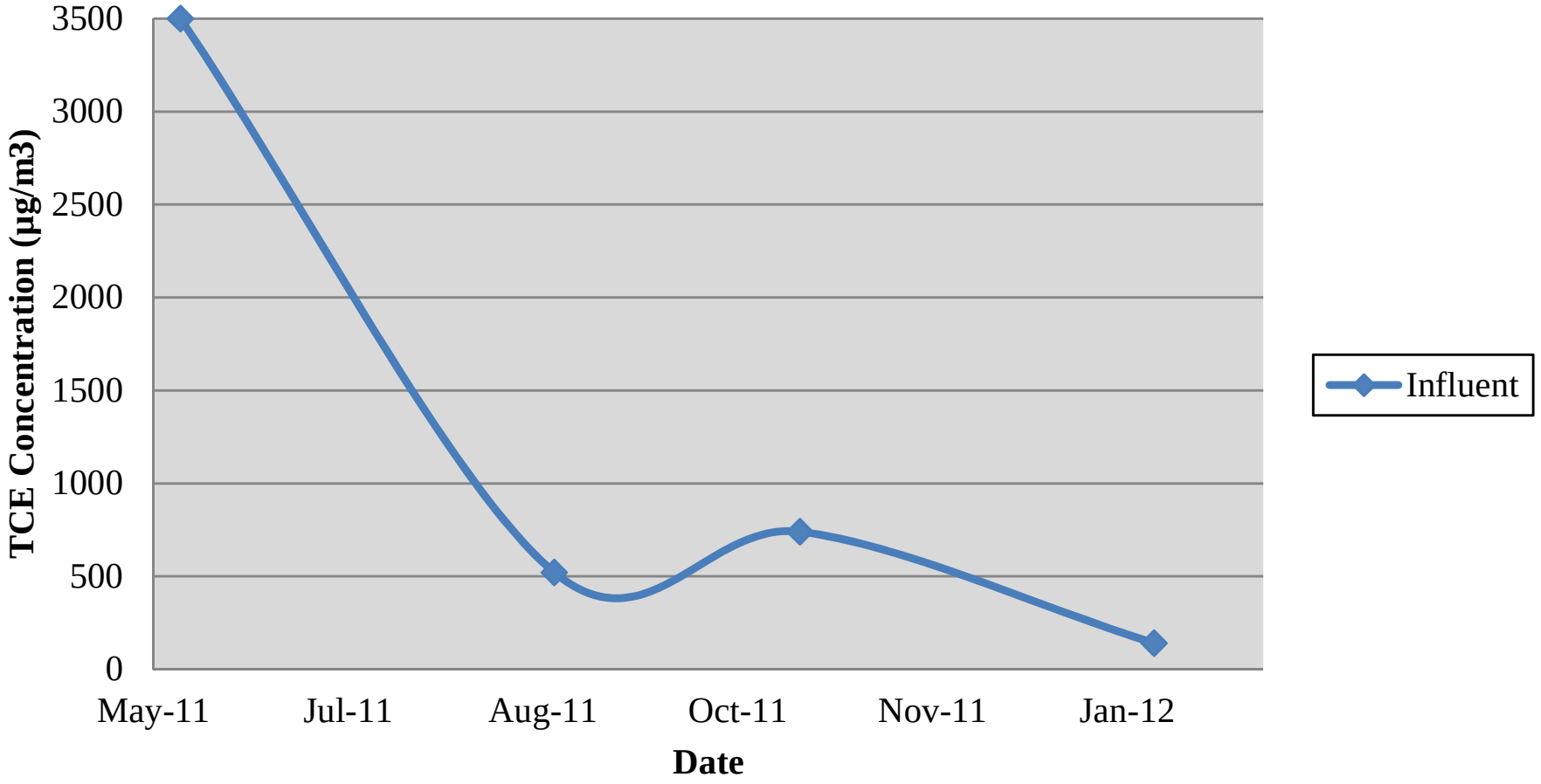


Figure 3-8
Trend Chart Influent Results Building 785 and 786
(May 2011 through March 2012)



Tables

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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	Weekly recording to support sub-slab depressurization.	VMPs inside buildings as shown on Figure 2-3 and 2-4	None
Granular Activated Carbon Replacement	Every two 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 2-3 and 2-4	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 2-3 and 2-4	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 2-3 and 2-4	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 ($\mu g/m^3$) [1]	774VMP-1				774VMP-2				774VMP-3			
Sample ID		**774VMP0101AA**	**774VMP0101AB**	**774VMP0101AC**	**774VMP0101AD**	**774VMP0201AA**	**774VMP0201AB**	**774VMP0201AC**	**774VMP0201AD**	**774VMP0301AA**	**774VMP0301AB**	**774VMP0301AC**	**774VMW0301AD**
Sample Type		**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date		**4-May-2011**	**24-Aug-2011**	**21-Oct-2011**	**25-Jan-2012**	**4-May-2011**	**24-Aug-2011**	**21-Oct-2011**	**25-Jan-2012**	**4-May-2011**	**24-Aug-2011**	**21-Oct-2011**	**26-Jan-2012**
Sample Depth (ft bgs / ags)		**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)		**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**
Volatiles (TO-15) in $\mu g/m^3$													
1,1,1-trichloroethane	146,000	59	8.3	U	U	85	2.4	U	U	12	0.67 F	U	U
1,1-dichloroethane	NA	0.53 F	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	6.7	3.2	U	12	12	4	0.65 F	6.0 F	6.3	4.1	0.95	U
1,3,5-trimethylbenzene	175	2.5	0.9	U	3.2 F	3.9	2	U	U	2.2	1.8	U	U
1,3-dichlorobenzene	NA	U	U	U	1.4 F	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	U	1.9	U	2.6 F	U	2.2	U	2.1 F	U	2.3	U	U
4-ethyltoluene	NA	4.6	1.2	U	3.2 F	8.5	1.5	U	U	4.2	1.6	U	U
acetone	NA	54	31	18	64	53	U	11	110 F	17	19	12	30 F
benzene	105	1.6	4.3	U	U	6	4.4	U	U	2.5	3.8	0.39 F	U
carbon disulfide	20,440	U	0.66	U	U	0.95	0.6	U	U	0.95	1.4	U	U
carbon tetrachloride	55	1	0.70 F	U	U	1.4	0.70 F	U	U	0.45	U	U	U
chlorobenzene	NA	U	0.51 F	U	U	U	0.56 F	U	U	U	0.84	U	U
chloroform	36	18	9.1	U	U	45	1.8	0.69 F	U	9.1	U	U	U
chloromethane	818	3.5	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	1,022	0.89	0.77	U	U	0.73	U	U	U	U	U	U	U
cumene	NA	NA	NA	NA	1.1 F	NA	NA	NA	U	NA	NA	NA	U
cyclohexane	175,200	4.8	7.8	2.4	U	5.9	10	3.5	U	6.2	11	4.8	U
ethyl acetate	NA	U	U	0.77 F	U	U	0.62 F	U	U	U	U	U	U
ethylbenzene	743	1.4	2.8	U	4.1 F	1.6	3.2	U	1.9 F	1.5	3.6	U	U
freon 11	20,440	31	19	2.0	1.9 F	400	22	2.2	U	630	120	9.5	21
freon 113	876,000	U	0.78 F	U	U	0.86 F	0.78 F	U	U	0.86 F	0.78 F	U	U
freon 12	5,840	2.1	2.8	2.5	2.4 F	2.8	2.8	2.1	3.1 F	U	2.6	2.4	3.5 F
freon 22	NA	NA	NA	NA	300	NA	NA	NA	750	NA	NA	NA	880
heptane	NA	U	3.7	U	U	U	4.2	6.2	U	U	3.5	U	U
hexane	20,440	U	7.9	U	5.1	U	8.2	U	U	U	7.5	U	U
isopropyl alcohol	NA	U	U	2.8	17 F	4.4	15	2.4	20 F	U	U	U	25 F
m,p-xylene (sum of isomers)	2,920	5.3	9	U	12 D	5.1	12	0.53 F	5.5 F	4.5	12	1.2 F	U
methyl ethyl ketone	146,000	1.7	4.9	1.7	1.9 F	4.3	3	U	U	U	U	U	7.6 F
methylene chloride	1,740	U	0.99	0.46 F	U	U	U	U	U	U	U	U	U
n-Propylbenzene	NA	NA	NA	NA	2.2 F	NA	NA	NA	U	NA	NA	NA	U
o-xylene	2,920	2.4	2.4	U	7.9 D	2.2	2.8	U	3.6 F	2.2	3.2	U	U
styrene	NA	U	U	U	U	U	U	U	U	U	1.4	U	U
tetrachloroethylene (PCE)	139	0.97 F	1	U	U	2.8	U	U	U	U	U	U	U
tetrahydrofuran	NA	3.1	U	U	U	6.7	U	U	U	U	U	U	12 F
toluene	146,000	1.6	17	2.1	5.2	3.2	17	1.4	4.8 F	2.3	16	2.2	1.3 F
trichloroethylene (TCE)	409	580	410	3.7	4.8 F	2900	84	11	4.2 F	300	11	3.0	U
vinyl chloride	186	U	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
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 3-2
Building 774 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$) [1]**	**Indoor Air Screening Level ($\mu g/m^3$) [1]**	**774-IA**			
Sample ID			**774IA1AD**	**774IA1AE**	**774IA1AF**	**774IA1AG**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**
Sample Date			**5-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**
Volatiles (TO-15) in $\mu g/m^3$						
1,1,1-trichloroethane	146,000	14600	U	U	U	U
1,1-dichloroethane	NA	NA	U	U	U	U
1,2,4-trimethylbenzene	175	18	2.7	1.6	0.65 F	U
1,3,5-trimethylbenzene	175	18	U	U	U	U
1,3-dichlorobenzene	NA	321	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	U
4-ethyltoluene	NA	NA	U	U	U	U
acetone	NA	NA	52	34	19	28 F
benzene	105	88	1.3	U	U	U
carbon disulfide	20,440	2044	0.66	U	U	U
carbon tetrachloride	55	55	0.51	0.90 F	U	U
chlorobenzene	NA	NA	0.7	U	U	U
chloroform	36	36	0.55 F	U	U	U
chloromethane	818	263	U	1.2	U	1.7 F
cis-1,2-dichloroethene	1,022	102	U	U	U	U
cumene	NA	NA	NA	NA	NA	U
cyclohexane	175,200	17520	1.3	U	U	U
ethyl acetate	NA	9344	U	U	U	U
ethylbenzene	743	743	0.84	0.57 F	U	U
freon 11	20,440	2044	33	77	4.2	8.9
freon 113	876,000	87600	U	0.86 F	U	U
freon 12	5,840	584	U	2.8	2.4	U
freon 22	NA	NA	NA	NA	NA	350
heptane	NA	NA	1.7	U	U	U
hexane	20,440	2044	33	U	U	U
isopropyl alcohol	NA	NA	11	32	9.9	29 F
m,p-xylene (sum of isomers)	2,920	292	2.4	1.2 F	0.57 F	U
methyl ethyl ketone	146,000	14600	U	2.8	U	2.5 F
methylene chloride	1,740	1740	U	1.1	U	U
n-Propylbenzene	NA	NA	NA	NA	NA	U
o-xylene	2,920	292	0.71	0.49 F	U	U
styrene	NA	2920	0.78	0.56 F	U	U
tetrachloroethylene (PCE)	139	102	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U
toluene	146,000	14600	5.1	2.5	1.3	0.76 F
trichloroethylene (TCE)	409	41	4.4	2.3	0.87	1.5 F
vinyl chloride	186	186	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
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 3-2
Building 776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	**Sub-slab Vapor Screening Level ($\mu g/m^3$) [1]**	**776VMP-1**				**776VMP-2**				**776VMP-3**			
Sample ID		**776VMP0101AA**	**776VMP0101AB**	**776VMP0101AC**	**776VMP0101AD**	**776VMP0201AA**	**776VMP0201AB**	**776VMP0201AC**	**776VMP0201AD**	**776VMP0301AA**	**776VMP0301AB**	**776VMP0301AC**	**776VMP0301AD**
Sample Type		**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date		**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**
Sample Depth (ft bgs / ags)		**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)		**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**
Volatiles (TO-15) in $\mu g/m^3$													
1,1,1-trichloroethane	146,000	4.5	U	U	U	8.7	U	U	U	18	U	U	U
1,2,4-trimethylbenzene	175	9.0	3.5	U	U	9.1	3.3	0.65 F	U	11	2.1	0.50 F	0.61 F
1,2-dichloroethane	9	U	0.45 F	U	U	U	0.49 F	U	U	U	0.62	U	0.27 F
1,3,5-trimethylbenzene	175	3.8	1.6	U	U	2.8	1.2	U	U	2.7	0.70 F	U	U
2,2,4-trimethylpentane	NA	U	U	0.47 F	U	U	U	U	0.24 F	U	U	U	U
4-ethyltoluene	NA	7.2	0.9	U	U	5.1	1.0	U	U	5.2	0.65 F	U	U
4-isopropyltoluene	NA	NA	NA	NA	U	NA	NA	NA	0.49 F	NA	NA	NA	0.29 F
acetone	NA	25	39	39	23	17	39	45	20	20	30	58	34
benzene	105	1.0	0.55	1.3	0.52 F	1.1	0.45 F	1.5	0.65	2	0.39 F	1.0	0.40 F
carbon disulfide	20,440	1.2	0.57	0.44 F	U	0.98	0.79	0.38 F	0.64 F	0.95	0.95	0.63	6.0
carbon tetrachloride	55	0.77	0.77 F	U	0.53 F	0.77	0.77 F	0.70 F	0.53 F	0.38	0.83 F	0.70 F	0.51 F
chloroform	36	11	0.79	U	0.27 F	8.3	U	U	0.30 F	16	U	0.74	0.68 F
chloromethane	818	U	1.1	U	0.67 F	U	1.2	U	0.85 F	U	0.97	U	U
cis-1,2-dichloroethene	1,022	U	9.70	U	U	U	U	U	U	U	U	U	U
cyclohexane	175,200	6.8	1.6	3.0	1.2	4.5	7.3	8.5	1.4	5.4	3.5	4.8	1.2
ethyl acetate	NA	U	U	U	U	U	1.9	U	U	U	U	U	U
ethylbenzene	743	1.6	0.79	1.6	U	0.66	0.88	1.4	0.75 F	1.1	0.66	1.2	0.64 F
freon 11	20,440	1.7	2.5	1.3	1.4	2.5	1.8	1.6	1.6	4.6	1.7	1.5	1.4
freon 113	876,000	8.6	0.86 F	U	0.70 F	6.8	1.0 F	U	1.2 F	1.6	0.93 F	U	0.60 F
freon 12	5,840	6.6	2.9	2.2	2.9	11.0	3.0	2.6	3.1	21	2.9	2.6	2.9
freon 22	NA	NA	NA	NA	12	NA	NA	NA	16	NA	NA	NA	6.3
heptane	NA	U	U	1.0	U	0.67	1.3	U	0.38 F	U	U	U	0.36 F
hexane	20,440	U	U	1.9	0.38 F	U	U	U	0.53 F	U	U	U	0.72
isopropyl alcohol	NA	U	21	21	49	U	68	31	41	U	12	21	28
m,p-xylene (sum of isomers)	2,920	5.4	1.9	4.0	0.23 F	2.1	2.4	3.4	1.9 F	3.8	1.7	2.7	1.7 F
methyl ethyl ketone	146,000	2.9	2.7	1.9	5.9	1.7	U	3.9	1.2 F	2.8	2.0	2.2	2.6
methyl isobutyl ketone	NA	2.2	U	U	U	U	U	U	0.44 F	U	U	U	0.83 F
methylene chloride	1,740	U	13	0.46 F	0.49 F	U	0.53	U	0.55 F	U	0.95	U	0.50 F
Naphthalene	NA	U	U	U	U	U	U	U	U	U	U	U	0.51 F
n-Butane	NA	NA	NA	NA	2.4	NA	NA	NA	3.2	NA	NA	NA	1.7
o-xylene	2,920	2.5	0.97	1.1	U	1.1	0.93	0.97	0.79 F	1.6	0.66	0.71	0.70 F
styrene	NA	1.1	1.1	0.56 F	U	0.78	1.0	0.65	0.44 F	0.78	0.69	0.56 F	0.26 F
tert-Butyl alcohol	NA	NA	NA	NA	1.3 F	NA	NA	NA	U	NA	NA	NA	U
tetrachloroethylene (PCE)	139	U	2.7	U	U	1.4	U	7.4	U	0.83 F	U	U	U
tetrahydrofuran	NA	4.8	1.1	U	9.9 F	1.6	4.3	U	U	11	1.8	U	0.81 F
toluene	146,000	5.6	4.1	6.1	0.40 F	3.2	4.5	6.9	1.4	4.4	3.1	2.5	1.2
trichloroethylene (TCE)	409	21	38	U	0.36 F	360	3.8	3.7	3.0	830	10	7.3	13
vinyl chloride	186	U	0.81	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
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 3-2
Building 776 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	**Sub-slab Vapor Screening Level (µg/m^3) [1]**	**Indoor Air Screening Level (µg/m^3) [1]**	**776-IA**				**776-OA**			
Sample ID			**776IA1CA**	**776IA1DA**	**776IA1EA**	**776IA1FA**	**776OA1DA**	**776OA1EA**	**774776OA1FA**	**774776OA1GA**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Indoor**	**Outdoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date			**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**	**4-May-2011**	**6-Sep-2011**	**21-Oct-2011**	**25-Jan-2012**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
Volatiles (TO-15) in µg/m^3										
1,1,1-trichloroethane	146,000	14600	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	1.2	1.7	0.85	U	U	1.7	0.60 F	U
1,2-dichloroethane	9	31	U	0.53 F	U	U	U	U	U	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	U	U	0.30 F	U	U	U	U
4-ethyltoluene	NA	NA	U	U	U	U	U	U	U	U
4-isopropyltoluene	NA	NA	NA	U	U	U	U	U	U	U
acetone	NA	NA	54	47	30	18	18	53	6.8	1.9 F
benzene	105	88	0.49	0.36 F	1.4	0.67 F	U	0.39 F	U	0.63
carbon disulfide	20,440	2044	0.41 F	0.82	U	U	0.6	0.35 F	U	U
carbon tetrachloride	55	55	0.51	0.77 F	U	0.57 F	0.51	0.90 F	U	0.51 F
chloroform	36	36	U	U	0.55 F	0.32 F	U	U	U	U
chloromethane	818	263	1.8	1.5	U	1.4 F	U	1.1	0.76	1.2
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	0.48 F	U	U
cyclohexane	175,200	17520	U	U	U	U	U	U	U	U
ethyl acetate	NA	9344	5.8	3.3	U	U	U	U	U	U
ethylbenzene	743	743	0.71	0.93	1.3	0.47 F	U	U	1.1	U
freon 11	20,440	2044	1.4	1.7	1.3	1.4 F	1.3	1.7	1.3	1.4
freon 113	876,000	87600	U	0.93 F	U	U	U	0.86 F	U	0.56 F
freon 12	5,840	584	3.6	3.1	2.2	3.2 F	U	2.9	2.5	2.8
freon 22	NA	NA	NA	NA	NA	15	NA	NA	NA	U
heptane	NA	NA	3.2	1.3	U	0.43 F	1.2	U	U	U
hexane	20,440	2044	2.3	U	U	U	0.9	U	U	0.42 F
isopropyl alcohol	NA	NA	50	50	35	100	U	U	1.2	U
m,p-xylene (sum of isomers)	2,920	292	1.2 F	2.1	2.9	1.0 F	U	1.1 F	2.7	0.33 F
methyl ethyl ketone	146,000	14600	3.3	4.1	U	0.84 F	U	8.7 F	U	0.42 F
methyl isobutyl ketone	NA	8760	U	U	U	0.83 F	U	U	U	U
methylene chloride	1,740	1740	U	1.3	U	U	U	0.92	0.56	0.50 F
Naphthalene	NA	NA	U	U	U	0.71 F	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	2.4	NA	NA	NA	1.8
o-xylene	2,920	292	0.44 F	0.75	0.88	0.46 F	U	0.44 F	0.97	0.12 F
styrene	NA	2920	1.1	1.0	0.82	0.33 F	U	U	U	U
tert-Butyl alcohol	NA	NA	NA	NA	NA	0.56 F	NA	NA	NA	U
tetrachloroethylene (PCE)	139	102	U	U	U	U	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	U	1.3	U	U
toluene	146,000	14600	4.4	3.2	3.9	1.3	1	5.8	3.5	0.73 F
trichloroethylene (TCE)	409	41	3.6	1.9	0.98	0.41 F	0.98	2.6	0.60 F	U
vinyl chloride	186	186	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
J- The analyte was positvely identified, but the quantitation is an approximation.
NA- Not Available
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.

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

Sample Location	**Sub-slab Vapor Screening Level (µg/m^3)** [1]	**785VMP-2**				**785VMP-4**				**785VMP-5**		
Sample ID		**785VMP0202AD**	**785VMP0202AE**	**785VMP0202AF**	**785VMP0202AG**	**785VMP0401AA**	**785VMP0401AB**	**785VMP0401AC**	**785VMP0401AD**	**785VMP0501AA**	**785VMP0501AB**	**785VMP0501AC**
Sample Type		**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date		**18-Mar-2011**	**24-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**18-Mar-2011**	**24-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**	**25-Aug-2011**	**24-Oct-2011**	**31-Jan-2012**
Sample Depth (ft bgs / ags)		**2.5**	**2.5**	**2.5**	**2.5**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Sample Collection Duration (hr)		**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**	**0.08**
Volatiles (TO-15) in µg/m^3												
1,1,1-trichloroethane	146,000	U	U	U	0.57 F	1.7	0.72 F	U	U	4.8	1.8	0.53 F
1,2,4-trimethylbenzene	175	1.5	1.4	U	U	0.95	6.7	1.8	0.45 F	2.2	1.4	U
1,3,5-trimethylbenzene	175	U	U	U	U	U	2.1	0.50 F	U	0.85	U	U
2,2,4-trimethylpentane	NA	U	U	1.2	U	U	1.5	3.9	0.58 F	U	1.4	1.3
4-ethyltoluene	NA	0.65 F	U	U	U	U	2.7	0.85	U	0.50 F	U	U
acetone	NA	10	17	3.2	0.76 F	15	16	U	4.9 F	21	4.3	2.3 F
benzene	105	2.9	0.65	2.2	U	4.9	4.2	8.4	0.64	0.39 F	2.6	0.64
bromodichloromethane	NA	U	U	U	U	2.6	U	U	U	U	U	U
carbon disulfide	20,440	0.82	0.63	U	U	4.8	13	9.2	1.1 F	0.38 F	U	U
carbon tetrachloride	55	U	U	0.70 F	0.49 F	U	U	U	0.51 F	U	U	0.48 F
chlorobenzene	NA	U	U	U	U	U	0.66 F	U	U	U	U	U
chloroform	36	1.5	U	U	U	91	0.79	U	U	2.8	0.74	U
chloromethane	818	1.4	1.1	U	3.5	U	U	U	U	U	U	U
cis-1,2-dichloroethene	1,022	U	U	U	U	2.3	U	U	U	2.1	U	U
cumene	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	0.41 F
cyclohexane	175,200	1.3	0.94	1.9	U	6.2	9.4	8.0	0.34 FB	U	2.9	1.1 B
ethylbenzene	743	1.5	U	0.75	U	1.1	6.1	4.9	0.58 F	2.3	1.6	1.8
freon 11	20,440	1	1.8	1.5	1.4	0.86	1.7	1.3	1.4	2.2	2.3	1.4
freon 113	876,000	U	0.78 F	U	0.58 F	1.1 F	0.86 F	U	0.58 F	0.86 F	U	U
freon 12	5,840	2.8	3.1	2.6	2.9	2.9	2.8	2.5	2.9	2.9	2.5	2.8
heptane	NA	2.1	U	1.8	U	3.6	5.3	8.2	0.45 FB	U	1.9	0.70 FB
hexane	20,440	6.9	U	6.1	U	8.2	7.9	13	0.91 B	U	U	3.5 B
isopropyl alcohol	NA	U	U	U	U	U	U	0.62	2.3 F	8.2	U	U
methyl ethyl ketone	146,000	3	4.1	U	U	2.3	2.7	U	0.82 F	2	U	0.37 F
methylene chloride	1,740	1.4	U	U	U	0.95	U	U	0.43 F	3.7	U	U
n-Butane	NA	NA	NA	NA	0.64 F	NA	NA	NA	4.6	NA	NA	4.8
o-xylene	2,920	1.3	U	0.71	U	0.84	5.1	2.8	0.46 F	3	1.5	1.7
tetrachloroethylene (PCE)	139	U	U	U	U	U	U	1.0	U	2.2	U	U
tetrahydrofuran	NA	8.2	11	U	4.6 F	U	U	U	U	U	U	0.21 F
toluene	146,000	15	3.3	6.2	0.36 FB	26	23	42	2.2 B	2.1	7.4	1.6 B
trichloroethylene (TCE)	409	U	19	8.9	1.0 F	720	88	33	3.5	610	140	18
vinyl chloride	186	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
J- The analyte was positvely identified, but the quantitation is an approximation.
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 3-2
Building 785 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	**Sub-slab Vapor Screening Level (µg/m^3) [1]**	**Indoor Air Screening Level (µg/m^3) [1]**	**785-IA**			**785-OA**		
Sample ID			**785IA05**	**785IA06**	**785IA07**	**785OA01**	**785786OA02**	**785786OA03**
Sample Type			**Indoor**	**Indoor**	**Indoor**	**Outdoor**	**Outdoor**	**Outdoor**
Sample Date			**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**
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 µg/m^3								
1,1,1-trichloroethane	146,000	14600	U	U	U	U	U	U
1,2,4-trimethylbenzene	175	18	1.7	1.4	U	1.3	2.6	U
1,3,5-trimethylbenzene	175	18	U	U	U	U	U	U
2,2,4-trimethylpentane	NA	NA	U	0.52 F	0.29 F	U	0.76	0.34 F
4-ethyltoluene	NA	NA	U	U	U	U	0.65 F	U
acetone	NA	NA	35	11	2.6 F	39	12	19
benzene	105	88	U	1.3	0.58 F	0.39 F	1.8	0.56 F
bromodichloromethane	NA	NA	U	U	U	U	U	U
carbon disulfide	20,440	2044	U	U	U	U	U	U
carbon tetrachloride	55	55	U	U	0.53 F	U	U	0.52 F
chlorobenzene	NA	NA	U	U	U	U	U	U
chloroform	36	36	U	4.7	U	U	U	U
chloromethane	818	263	U	U	1.2	U	U	1.2
cis-1,2-dichloroethene	1,022	102	U	U	U	U	U	U
cumene	NA	NA	NA	NA	U	NA	NA	U
cyclohexane	175,200	17520	U	U	0.34 FB	0.77	U	0.63 FB
ethylbenzene	743	743	U	0.75	0.13 F	U	1.3	U
freon 11	20,440	2044	1.7	1.3	1.4	1.7	1.4	1.4
freon 113	876,000	87600	U	U	0.54 F	U	U	0.59 F
freon 12	5,840	584	2.8	2.3	2.8	2.9	2.2	2.8
heptane	NA	NA	U	0.71	0.37 FB	U	1.2	0.55 FB
hexane	20,440	2044	U	2.3	2.0 B	U	3.8	2.2 B
isopropyl alcohol	NA	NA	24	U	U	15	2.2	1.3 F
methyl ethyl ketone	146,000	14600	3.2	U	0.30 F	3.4	U	0.92 F
methylene chloride	1,740	1740	0.85	U	U	1.1	1.3	0.53 F
n-Butane	NA	NA	NA	NA	2.0	NA	NA	1.9
o-xylene	2,920	292	U	0.75	0.11 F	U	1.3	U
tetrachloroethylene (PCE)	139	102	U	21	U	U	U	U
tetrahydrofuran	NA	NA	U	U	U	U	U	U
toluene	146,000	14600	4.2	4.0	1.4 B	2.3	7.2	0.57 FB
trichloroethylene (TCE)	409	41	1.1	U	U	0.82	0.82	U
vinyl chloride	186	186	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
J- The analyte was positvely identified, but the quantitation is an approxim
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 3-2
Building 786 SSVM Performance Monitoring
Sub-Slab Vapor, Indoor and Outdoor Air Results

Sample Location	**Sub-slab Vapor Screening Level (µg/m^3)**	**786VMP-1**				**786VMP-2**				**786VMP-3**			
Sample ID		**786VMP0102AA**	**786VMP0102AB**	**786VMP0102AC**	**786VMP0102AD**	**786VMP0202AA**	**786VMP0202AB**	**786VMP0202AC**	**786VMP0202AE**	**786VMP0302AA**	**786VMP0302AB**	**786VMP0302AC**	**786VMP0302AD**
Sample Type		**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**	**VMP**
Sample Date		**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**	**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**7-Feb-2012**	**18-Jan-2011**	**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**
Sample Depth (ft bgs / ags)		**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Sample Collection Duration (hr)		**0**	**0.08**	**0.08**	**0.08**	**0**	**0.08**	**0.08**	**0.08**	**0**	**0.08**	**0.08**	**0.08**
Volatiles (TO-15) in µg/m^3													
1,1,1-trichloroethane	146,000	12	U	U	U	15	4	4	0.78 F	16	U	U	U
1,1-dichloroethane	NA	U	U	U	U	U	U	U	U	1	U	U	U
1,2,4-trimethylbenzene	175	8	7	1	U	5	8	2	0.62 F	13	2	1	0.33 F
1,3,5-trimethylbenzene	175	5	2	U	U	2	3	0.55 F	0.26 F	10	0.65 F	U	U
2,2,4-trimethylpentane	NA	19	1	4	2	2	U	1	U	U	U	1	0.24 F
4-ethyltoluene	NA	3	3	0.65 F	U	1	2	0.55 F	0.29 F	8	0.60 F	U	U
acetone	NA	31	20	U	3.3 F	49	25	U	1.9 F	50	24	4	1.2 F
benzene	105	19	3	9	U	5	0.32 F	2	U	5	0.32 F	4	0.25 F
bromodichloromethane	NA	4	U	U	U	7	3	2	0.32 F	3	U	U	U
carbon disulfide	20,440	15	1	U	U	5	1	0.41 F	U	3	1	U	U
carbon tetrachloride	55	U	U	0.70 F	0.43 F	U	U	U	0.44 F	U	U	0.64 F	0.48 F
chloroform	36	30	1	U	U	620	100	72	12	47	U	U	U
chloromethane	818	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	1,022	10	U	U	U	1	U	U	U	1	U	U	U
cyclohexane	175,200	U	3	6	3	U	U	U	U	U	U	U	U
ethyl acetate	NA	U	U	U	U	U	1	U	U	U	U	U	U
ethylbenzene	743	7	5	3	U	2	9	3	1	10	2	1	0.40 F
freon 11	20,440	3	2	3	1	3	2	1	1	3	2	2	1
freon 113	876,000	U	0.86 F	0.78 F	0.64 F	4	1.1 F	1.1 F	0.55 F	3	0.78 F	U	0.54 F
freon 12	5,840	4	3	U	3	4	3	2	3	U	3	3	3
freon 22	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.97 F
heptane	NA	25	3	8	4	6	U	2	U	5	1	2	0.40 F
hexane	20,440	52	5	16	10	U	U	U	0.22 F	U	U	7	2
isopropyl alcohol	NA	U	14	U	1.1 F	U	U	U	1.4 F	U	11	U	U
m,p-xylene (sum of isomers)	2,920	17	19	11	0.32 F	5	32	10	5	16	5	3	1.4 F
methyl butyl ketone	NA	U	U	U	U	9	8.7 F	U	U	8	U	U	U
methyl ethyl ketone	146,000	U	2	U	0.55 F	15	U	U	U	19	6.3 F	U	U
methyl isobutyl ketone	NA	U	U	U	4	7	U	U	1.0 F	U	U	U	4
methylene chloride	1,740	4	U	U	U	1	23	3	15	U	U	U	0.50 F
n-Butane	NA	NA	NA	NA	U	NA	NA	NA	0.67 F	NA	NA	NA	U
o-xylene	2,920	8	5	2	0.11 F	2	7	2	1	6.2 F	2	1	0.38 F
styrene	NA	U	U	U	U	U	2	U	U	5	1	U	U
tert-Butyl alcohol	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.47 F
tetrachloroethylene (PCE)	139	140	4	2	2	11	0.83 F	3	U	85	3	2	U
tetrahydrofuran	NA	U	U	U	U	16	U	U	U	36	U	U	U
toluene	146,000	35	15	29	0.61 F	7	16	11	2.2 B	16	5	8	0.62 F
trichloroethylene (TCE)	409	4,900	84	49	13	740	260	140	22	2,200	51	23	2
vinyl chloride	186	U	U	U	U	U	U	U	U	U	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
J- The analyte was positvely identified, but the quantitation is an approximation.
NA- Not Available
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.

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

Sample Location	**Sub-slab Vapor Screening Level (µg/m^3)**	**Indoor Air Screening Level (µg/m^3) [1]**	**786-IA**		
Sample ID			**786IA04**	**786IA05**	**786IA06**
Sample Type			**Indoor**	**Indoor**	**Indoor**
Sample Date			**24-Aug-2011**	**24-Oct-2011**	**27-Jan-2012**
Sample Depth (ft bgs / ags)			**5**	**5**	**5**
Sample Collection Duration (hr)			**12**	**12**	**12**
Volatiles (TO-15) in µg/m^3					
1,1,1-trichloroethane	146,000	14,600	U	U	U
1,1-dichloroethane	NA	NA	U	U	U
1,2,4-trimethylbenzene	175	18	5	2	U
1,3,5-trimethylbenzene	175	18	3	U	U
2,2,4-trimethylpentane	NA	NA	1	U	0.41 F
4-ethyltoluene	NA	NA	1	0.60 F	U
acetone	NA	NA	49	12	3.3 F
benzene	105	88	1	1	1
bromodichloromethane	NA	NA	U	U	U
carbon disulfide	20,440	2,044	U	U	U
carbon tetrachloride	55	55	U	U	0.53 F
chloroform	36	36	U	U	U
chloromethane	818	263	U	U	1
cis-1,2-dichloroethene	1,022	102	1	U	U
cyclohexane	175,200	17,520	U	2	0.28 FB
ethyl acetate	NA	9,344	U	U	U
ethylbenzene	743	743	3	2	0.67 F
freon 11	20,440	2,044	2	1	1
freon 113	876,000	87,600	0.78 F	U	0.56 F
freon 12	5,840	584	3	2	3
freon 22	NA	NA	NA	NA	U
heptane	NA	NA	2	1	0.48 FB
hexane	20,440	2,044	U	3	1.3 B
isopropyl alcohol	NA	NA	8	3	U
m,p-xylene (sum of isomers)	2,920	292	11	6	1.8 F
methyl butyl ketone	NA	NA	U	U	U
methyl ethyl ketone	146,000	14,600	6	U	0.76 F
methyl isobutyl ketone	NA	8,760	U	U	3
methylene chloride	1,740	1,740	3	U	0.67 F
n-Butane	NA	NA	NA	NA	2
o-xylene	2,920	292	3	2	0.51 F
styrene	NA	2,920	2	U	U
tert-Butyl alcohol	NA	NA	NA	NA	U
tetrachloroethylene (PCE)	139	102	U	U	U
tetrahydrofuran	NA	NA	U	U	U
toluene	146,000	14,600	9	9	2.4 B
trichloroethylene (TCE)	409	41	3	U	U
vinyl chloride	186	186	U	U	U

Notes:
U - Not detected.
F- Analyte detectd at or below quantitation limits
J- The analyte was positvely identified, but the quantitation is an approximation.
NA- Not Available
µg/m^3: microgram per cubic meter.
Exceedance of the indoor or outdoor initial benchmark.

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

Sample Location	**774776- Influent**					
Sample ID	**774776CA01AA**	**774776CA01AB**	**774776CA01AC**	**774776CA01AD**	**774776CA01AE**	**774776CA01AF**
Sample Type	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**	**Influent**
Sample Date	**6-Jun-2011**	**23-Aug-2011**	**14-Oct-2011**	**14-Oct-2011**	**25-Oct-2011**	**24-Jan-2012**
Sample Depth (ft bgs / ags)	**na**	**na**	**na**	**na**	**na**	**na**
Sample Collection Duration (hr)	**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
1,2,4-trimethylbenzene	9.5	3.1	U	U	1.7	U
1,3,5-trimethylbenzene	4.7	2.2	U	U	0.55 F	U
4-ethyltoluene	6.9	1.0	U	U	U	U
acetone	50	30	300	440	27	16 F
benzene	0.45 F	4.1	0.42 F	0.7	0.97	1.8 F
carbon disulfide	0.73	U	U	U	U	U
carbon tetrachloride	U	U	U	U	0.96	U
chloroform	15	4.3	3.6	5.0	4.6	3.6 F
cis-1,2-dichloroethene	1.80	U	U	U	U	U
ethylbenzene	0.62 F	0.93	U	U	0.79	U
freon 11	50	130	83	59	49	40
freon 113	U	1.9	1.1 F	1.0 F	U	U
freon 12	3.7	16	6.1	6.1	6.4	11 F
freon 22	NA	NA	NA	NA	NA	320
heptane	0.83	12	U	U	0.87	1.9 F
m,p-xylene (sum of isomers)	1.3 F	3.3	U	U	2.4	U
methyl ethyl ketone	14	4.4	300	400	15	4.8 F
methylene chloride	2.2	U	U	U	U	U
n-Butane	NA	NA	NA	NA	NA	2.9 F
o-xylene	0.84	1.8	U	U	1.0	U
tetrachloroethylene (pce)	3.4	2.4	2.3	12	3.5	U
tetrahydrofuran	120	6.0	600	770	5.2	U
toluene	1.8	2.2	0.96	1.4	2.2	0.83 F
trichloroethylene (tce)	510	240	670	1,200	650	300
vinyl chloride	U	U	U	U	U	U

Notes:

U - Not detected.

F- Analyte detectd at or below quantitation limits

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

NA- Not Available

µg/m^3: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

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

Sample Location	**785786-Influent**			
Sample ID	**785786CA0100AA**	**785786CA01AB**	**785786CA01AC**	**785786CA01AD**
Sample Type	**Influent**	**Influent**	**Influent**	**Influent**
Sample Date	**19-May-2011**	**23-Aug-2011**	**25-Oct-2011**	**24-Jan-2012**
Sample Depth (ft bgs)	**na**	**na**	**na**	**na**
Sample Collection Duration (hr)	**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
1,2,4-trimethylbenzene	6.9	1.7	2.8	0.26 F
1,3,5-trimethylbenzene	6.3	1.5	U	U
2,2,4-trimethylpentane	300	31	33	7.9
4-ethyltoluene	U	0.75	U	U
acetone	180	5.1	U	1.2 F
benzene	1.9	0.81	U	U
carbon disulfide	6.9	0.79	U	U
carbon tetrachloride	U	U	U	0.48 F
chloroform	59	8.1	7.8	1.6
cis-1,2-dichloroethene	17	4.5	3.0	0.56 F
cyclohexane	180	28	U	U
ethylbenzene	5.9	2.9	1.7	0.30 F
freon 11	1.4	1.8	1.5	1.4
freon 113	0.78 F	0.78 F	U	0.52 F
freon 12	2.4	2.7	U	2.5
heptane	130	30	26	3.1
hexane	150	13	U	1.5
m,p-xylene (sum of isomers)	16	6.3	6.0	0.98 F
methyl ethyl ketone	20	U	U	0.27 F
methylene chloride	1.4	U	U	0.54 F
n-Butane	NA	NA	NA	2.8
o-xylene	6.5	3.4	1.9	0.30 F
tetrachloroethylene (pce)	250	52	72	11
tetrahydrofuran	510	U	U	U
toluene	5.6	3.4	3.8	0.44 F
trichloroethylene (tce)	3500	520	740	140
vinyl chloride	U	U	U	U

Notes:

U - Not detected.

F- Analyte detectd at or below quantitation limits

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

M - Manual Intergrated Compound.

NA- Not Available

µg/m^3: microgram per cubic meter.

Exceedance of the indoor or outdoor initial benchmark.

Appendices

Appendix A

Field Forms

1015-11-01 SVI

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	1/6/202			
conducted by:	MJG			
Site ID:	B775 T776		Patm (inch hg):	29.66
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
776 well 1	-30	well 1	0.5	52°
774 well 2	-24	well 2	0.3	50°
774 well 3	-30	well 3	0.5	54°
Blower Temp (deg F)	119°	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.)

(acfm) Flow Rate

152.82

118.96

153.12

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	Jan 19, 2012			
conducted by:	RM/MG			
Site ID:	B774 / 776		Patm (inch hg):	30.27
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
776 well 1	34	well 1	0.6	~~50~~ 48
774-1 well 2	31	well 2	0.4	51
774-2 well 3	28	well 3	0.1	58
Blower Temp (deg F)	90	After Cooler Temp (deg F)	80	
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

Flow (actm)

167.57
137.70
69.56

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2-15-12			
conducted by:	WG			
Site ID:	B774 B776 SVI		Patm (inch hg):	30.21
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
well 1 761	-30	well 1	.5	50°
well 2 742	-26	well 2	.2	50°
well 3 774-1	-30	well 3	Broke	54°
Blower Temp (deg F)	120°	After Cooler Temp (deg F)	90°	

Flow (actm)
153.84
97.75
Broke

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

* Fix Magnehelic® Guage 0-3 in w.g. *

take reading 2/17/2012

	Vac (in w.g.)	ΔP (in w.g.)	Temp (DEG F)	Patm (in hg)
774-1	-30	.40	55°	29.97

Flow (actm) = 137.75

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	Mar 8, 2024			
conducted by:	JPI MG			
Site ID:	B774-776		Patm (inch hg):	29.91
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
well 1 7761	0.5	well 1	-30	52°
well 2 7762	0.1	well 2	-22	52°
well 3 7764	0.5	well 3	-32	56°
Blower Temp (deg F)	115°	After Cooler Temp (deg F)	115°	
Well_ID, Distance from well axis (ft)	Time	Shallow Vacuum (inch w.g.)	Medium Vacuum (inch w.g.)	Deep Vacuum (inch w.g.)

168.06

Flow Cacfm

~~152.42~~

69.25

153.67

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	Mar 13, 2012			
conducted by:	KM/MG			
Site ID:	B774/776		Patm (inch hg):	30.16

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)	Flow (cfm)
776-1 well 1	31	well 1	0.7	54	182.38
774-1 well 2	31	well 2	0.6	56	169.18
774-2 well 3	25	well 3	0.1	60	69.82
Blower Temp (deg F)	112	After Cooler Temp (deg F)	108		

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:	03/23/12			
conducted by:	KM/MG			
Site ID:	3774/776		Patm (inch hg):	30.10
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
776 well 1	31	well 1	0.7	59
774-1 well 2	28	well 2	0.6	60
7742 well 3	22	well 3	0.1	61
Blower Temp (deg F)	124	After Cooler Temp (deg F)	Broken — order new temp gauge	
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)

183.097
170.27
70.07

2" inch dial install beneath pipe

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3-28-12			
conducted by:	MG			
Site ID:	B774776 SVI		Patm (inch hg):	29.68 ~~29.78~~
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge.	Differential Pressure (inch w.g.)	Temperature (Deg F)
77655VM-2 well 1	-30	well 1	0.6	60°
77455VM-3 well 2	-22	well 2	0.2	60°
77455VM-1 well 3	-28	well 3	0.5	60°
Blower Temp (deg F)	120	After Cooler Temp (deg F)	105°	
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)

168.77

98.34

154.41

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	01-06-2012			
conducted by:	MJG			
Site ID:	B785-786 SVI		Patm (inch hg):	29.66
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
well 1 785	-50	well 1	~~0.3~~	40°
well 2 786	-50	well 2	~~1.2~~	49
TOTAL well 3	3 (40.8)	well 3	~~3.8~~	50
Blower Temp (deg F)	130°	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.)

(actm) Flow Rate

66.09

133.3

214.119

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	Jun 19, 2012			
conducted by:	KM/MG			
Site ID:	B785/786		Patm (inch hg):	30.27

Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785 well 1	49	well 1	0.5	40
786 well 2	~~50~~ 44	well 2	1.2	~~50~~ 44
total well 3	2.5 in Hg (34.01)	well 3	3.8	51
Blower Temp (deg F)	128	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 (actm)

86.19
133.92
215.98

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	2-15-12			
conducted by:	MG			
Site ID:	B785 B786 SVI		Patm (inch hg):	30.21
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
well 1 786	-50	well 1		40°
well 2 785	-48	well 2	0.6	40°
well 3		well 3		
Blower Temp (deg F)	120°	After Cooler Temp (deg F)	96°	

Flow (acfm)
121.66
94.44.

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:	Mar 8, 2017			
conducted by:	JP/MG			
Site ID:	B785/786		Patm (inch hg):	~~30.06~~ 29.91
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
786/well 1	-~~0.50~~	well 1	1.0	42
785/well 2	-~~0.50~~ 48	well 2	0.60	38
well 3		well 3		
Blower Temp (deg F)	125	After Cooler Temp (deg F)	114	

Flow (actm)
121.36
93.83

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:	3/16/12			
conducted by:	Jake P.			
Site ID:	785/786 SVT		Patm (inch hg)	30.08
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785 well 1	~~0.6~~ 48	well 1	0.6	40
786 well 2	~~1.2~~ 49	well 2	1.2	45
TOTAL well 3	~~3.8 4~~	well 3	3.8-4	~~55~~
Blower Temp (deg F)	135	After Cooler Temp (deg F)	110	

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 Lactm

94.26
133.82
242.30

System vac - 4 in Hg = 54.42 in w.g.

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	03/23/12			
conducted by:	KM/MG			
Site ID:	B785/786		Patm (inch hg):	~~KM/MG~~
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
785 well 1	48	well 1	0.6	46
786 well 2	49	well 2	1.1	~~50~~ 49
TOT well 3	4.5 in Hg	well 3	3.9	60
Blower Temp (deg F)	140	After Cooler Temp (deg F)	120	

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

30.10

Flow Rate (cfm)

94.85

128.67

241.71

4.5 in Hg = 61.22 in w.g.

SSVM Vapor Monitoring Point Vacuum Measurements

Date:	3-28-12			
conducted by:	MG			
Site ID:	B785 786 SVI		Patm (inch hg):	29.68
Vacuum Gauge:	Vacuum (inch w.g.)	Magnehelic Gauge:	Differential Pressure (inch w.g.)	Temperature (Deg F)
786 SSVM-1 well 1	-48	well 1	1	48°
785 SSVM-1 well 2	-48	well 2	.6	46°
well 3		well 3		
Blower Temp (deg F)	142°	After Cooler Temp (deg F)	110°	

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 (actm)

121.93

94.26

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG

Location and Site Code (**SITEID**): Building 774/776

Well No. (**LOCID**): 774776 - Influent

Date (**LOGDATE**): 01/24/2012 Weather: cloudy / 35°F

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
0929	20.9	0.0	0.0

Sample Time: 0930 Sample ID: 774776CA01 AF

Container # 5046

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG

Location and Site Code (SITEID): Building 774

Well No. (LOCID): 774-IA

Date (LOGDATE): 01/25/2012 Weather: Indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1234	20.9	0.0	0.0

Sample Time: 1235 Sample ID: 774IA1AG

Container # 5150 Reg# 3947

Vac Start = -30 inHg

Vac End = 0 inHg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SV1 Sampled by: KM/MG

Location and Site Code (**SITEID**): Building 776

Well No. (**LOCID**): 776-1A

Date (**LOGDATE**): 01/25/2012 Weather: Indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1254	20.9	0.0	0.0

Sample Time: 1255 Sample ID: 776IA1FA

Container # 2990 Reg # 3575

Vac Start = -30 in Hg

Vac end = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG.

Location and Site Code (**SITEID**): Building 774/776

Well No. (**LOCID**): 774776-0A

Date (**LOGDATE**): 01/25/2012 Weather: cloudy / 35°F

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1209	20.9	0.0	0.0

Sample Time: 1210 Sample ID: 774776 0A 1GA

Container # 3483 Reg # 3110

Vac Start = -29 in Hg

vac end = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: km/MG

Location and Site Code (**SITEID**): Building 774

Well No. (**LOCID**): 774VMP-1

Date (**LOGDATE**): 01/25/202 Weather: indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1001	20.9	0.0	0

Sample Time: 1005 Sample ID: 774VMP0101AD

Container # 4872 Reg # 4631

start vacuum = -29 in Hg

Stop vac = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG

Location and Site Code (**SITEID**): Building 774

Well No. (**LOCID**): 774VMP-2

Date (**LOGDATE**): 01/25/2012 Weather: Indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1009	20.9	0.0	0

Sample Time: 1010 Sample ID: 774VMP0201AD

Container # 3361 Reg # 4868

start vac = -29 in Hg

stop vac = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM

Location and Site Code (SITEID): Building 774

Well No. (LOCID): 774 VMP-3

Date (LOGDATE): 01/26/2012 Weather: Indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1019	20.9	0.0	0.0

Sample Time: 1020 Sample ID: 774VMP0301AD

Container # 5058 Reg # 4701

Start vac = -29 in Hg

Stop vac = -1 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SV1 Sampled by: KM/MG

Location and Site Code (**SITEID**): Building 776

Well No. (**LOCID**): 776VMP-1

Date (**LOGDATE**): 01/25/2012 Weather: Indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1149	20.9	0.0	0.0

Sample Time: 1150 Sample ID: 776VMP0101AD

Container # 3334 Reg # 4617

Vac start = -30 in Hg

Vac Stop = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01501 Sampled by: KM/MG

Location and Site Code (**SITEID**): Building 776

Well No. (**LOCID**): 776VMP-2

Date (**LOGDATE**): 01/25/2012 Weather: Indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1139	20.9	0.0	0.0

Sample Time: 1140 Sample ID: 776VMP0201AD

Container # 3661 Reg # 4592

Vac start = -28 in Hg

Vac end = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SW1 Sampled by: KM/MG

Location and Site Code (SITEID): Building 776

Well No. (LOCID): 776VMP-3

Date (LOGDATE): 01/25/2012 Weather: indoors

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TPH (ppm)
1159	20.9	0.0	0.0

Sample Time: 1200 Sample ID: 776VMP0301RD

Container # 4317 Reg # 4626

Vac Start = -30 in Hg

Vac Stop = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG

Location and Site Code (**SITEID**): Building 785/786

Well No. (**LOCID**): 785786-Influent

Date (**LOGDATE**): 01/24/2012 Weather: cloudy / 35°F

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1019	20.9	0.0	0.0

Sample Time: 1020 Sample ID: 785786CA01AD

Container # 3044

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG

Location and Site Code (SITEID): Building 785

Well No. (LOCID): 785-1A

Date (LOGDATE): 01/27/2012 Weather: Rain / 37°F

FIELD MEASUREMENTS:

TVH (ppm)

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~
1229	20.9	0.0	0.0

Sample Time: 1230 Sample ID: 785 1A 07

Container # 2693 Reg # 4276

Vac Start = -30 in Hg

Vac Stop = 1 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG

Location and Site Code (SITEID): Building 786

Well No. (LOCID): 786-IA

Date (LOGDATE): 01/27/2012 Weather: Rain / 37°F

FIELD MEASUREMENTS:

TVH (ppm)

Time	O_2 (%)	CO_2 (%)	PID (ppb)
1139	20.9	0.0	10

Benzene odor - Aromatic

Sample Time: 1140 Sample ID: 786IA06

Container # 2512 Reg # 3981

Vac Start = -28 in Hg

Stop vac = 1.5 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: km/mG

Location and Site Code (**SITEID**): Building 785/786

Well No. (**LOCID**): 785 786-0A

Date (**LOGDATE**): 01/27/2012 Weather: Rain / 37°F

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1239	20.9	0.0	0.0

Sample Time: 1240 Sample ID: 785 786 0A03

Container # 4795 Reg# 3299

Vac start = -28 in Hg

Vac Stop = 1 in Hg (+)

SOIL GAS SAMPLING FORM

Project: 105-11-01 SVI Sampled by: ~~KM~~ MG

Location and Site Code (**SITEID**): Building ~~708~~ 785

Well No. (**LOCID**): 785VMP2

Date (**LOGDATE**): 1-31-2012 Weather: 40°F Sunny

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	PID (ppb)
15:04	20.9	0.0	0.0

Sample Time: 1506 Sample ID: 785VMP0202AG

Container # 2902

REG #4714

vac start = -29. inHg

vac end = 0 inHg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 Sampled by: MG

Location and Site Code (**SITEID**): B785

Well No. (**LOCID**): 785VMP-4

Date (**LOGDATE**): 1-3-2012 Weather: 40F sunny

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	PID (ppb)
16:00	20.9	0.0	0.0

Sample Time: 16:00 Sample ID: 785VMP04-0104D

Container # 4469

REG#4590

Vac Start = -29 in Hg

Vac Stop = -1 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 Sampled by: MG

Location and Site Code (**SITEID**): Building 785

Well No. (**LOCID**): 785VMP-5

Date (**LOGDATE**): 3-1-2012 Weather: 40°F sunny

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	PID (ppb)
15:22	20.9	0.0	0.0

Sample Time: 15:22 Sample ID: 785VMP0501AC

Container # 3037

REG# 4607

vac start = -30 in Hg

vac stop = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01 SVI Sampled by: KM/MG

Location and Site Code (**SITEID**): Building 786

Well No. (**LOCID**): 786VMP-1

Date (**LOGDATE**): 01/27/2012 Weather: Rain / 37°F

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1129	20.9	0.0	0.0

Sample Time: 1130 Sample ID: 786VMP0102AD

Container # 4564 Reg# 4588

Vac Start = -28 in Hg

Vac Stop = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-01SVI Sampled by: MG

Location and Site Code (**SITEID**): Building 786

Well No. (**LOCID**): 786 VMP-02

Date (**LOGDATE**): 02-07-2012 Weather: 30°F cloudy

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
10:38	20.9	0.0	0.0

Sample Time: 10:38 Sample ID: 786VMP02-02-AE KM

Container # 1270

Reg#4629

Vac Start = -30 in Hg

Vac Stop = 0 in Hg

SOIL GAS SAMPLING FORM

Project: 1015-11-9 SVE Sampled by: KM/MG

Location and Site Code (SITEID): Building 786

Well No. (LOCID): 786VMP-03

Date (LOGDATE): 01/27/2012 Weather: rain / 37°F

FIELD MEASUREMENTS:

Time	O_2 (%)	CO_2 (%)	~~PID (ppb)~~ TVH (ppm)
1119	20.9	0.0	0.0

Sample Time: 1120 Sample ID: 786VMP0302AD

~~Container # 4471 Reg # 5315 KM~~

Container # 3338 Reg # 4686

Vac start = -30 in Hg

Vac end = 0 in Hg

Appendix B

RWPCF Documentation

Buildings 774 and 776
Sub-Slab Vapor Mitigation System
Former Griffiss Air Force Base
Rome, New York

Quarterly
DISCHARGE REPORT
(January – March 2012)

Contract No. FA8903-10-D-8595
Project No. 1015-11-01 SVI

April 2012

FPM Remediations, Inc.

QUARTERLY
DISCHARGE REPORT
(January - March 2012)

For:
Permit number: FPM-001

Prepared for:
City of Rome WPCF
Matthew Coppola, IPP Coordinator
7180 East Dominick Street
Rome, New York 13440-5815

through
Air Force Center for Engineering and the Environment
2261 Hughes Ave., Suite 155
Lackland AFB, Texas 78236-9853

Prepared by:
FPM Remediations, Inc.
584 Phoenix Drive
Rome, NY 13441

Contract Number FA8903-10-D-8595 / Delivery Order 0014
Project No. 1015-11-01 SVI

April 2012

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ATTACHMENTS

1 Chain of Custody
2 Laboratory Analytical Results

LIST OF ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
AFCEE	Air Force Center for Engineering and the Environment
COC	Chain of Custody
FPM	FPM Remediations, Inc.
O&M	Operation and Maintenance
SSVM	Sub-Slab Vapor Mitigation
TCE	Trichloroethylene
VOC	Volatile Organic Compound
WPCF	Water Pollution Control Facility

SIGNATURE PAGE

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibilities of fines and imprisonment for knowing violation."

Name: Niels van Hoesel, Title: Environmental Engineer, P.E.

Signature:  , Date: April 30, 2012

1 Introduction

This quarterly discharge report has been prepared by FPM Remediations, Inc. (FPM), under contract to the Air Force Center for Engineering and the Environment (AFCEE), Lackland AFB, Contract No. FA8903-10-D-8595. This discharge report pertains to Permit Number: FPM-001 and is applicable to the Building 774 and 776 Site at the former Griffiss Air Force Base (AFB) in Rome, New York. The associated completion report is the Draft Completion Report for Sub-Slab Vapor Mitigation Systems at Buildings 774, 776, 785 and 786 (FPM, April 2012).

The Buildings 774 and 776 Site is being remediated via a sub-slab vapor mitigation (SSVM) system. System components include horizontal extraction wells installed under Buildings 774 and 776 connected in-line with a regenerative blower. The purpose of these horizontal wells is to extract chlorinated solvent vapors, particularly trichloroethylene (TCE). The horizontal extraction wells will also remove moisture from the sub-surface which is collected in a vapor-liquid separator prior to the regenerative blower. The collected water is then discharged into the sanitary sewer (manhole 059) on Phoenix Drive at the former Griffiss AFB. This discharge is regulated by Permit Number: FPM-001, issued on January 5, 2012. This report provides a summary of the January - March 2012 period.

2 Buildings 774 and 776

2.1 Summary of Field Activities

The Buildings 774 and 776 SSVM system has been in operation since June 6, 2011. However, an additional horizontal well (774SSVM-3) was installed on November 11, 2011. Since the install of this horizontal well, the volume of water that was collected had increased substantially. Therefore, Permit Number: FPM-001 was opened. Figure 2-1 provides a schematic of Buildings 774 and 776 SSVM system.

Field activities performed between January and March 2012 have consisted of operation and maintenance activities, visual inspection, performance documentation, and effluent discharge sampling.

2.2 Water Discharge Volume

Since January 2012, a total of 458 gallons of contaminated water have been discharged in accordance with Permit Number: FPM-001.

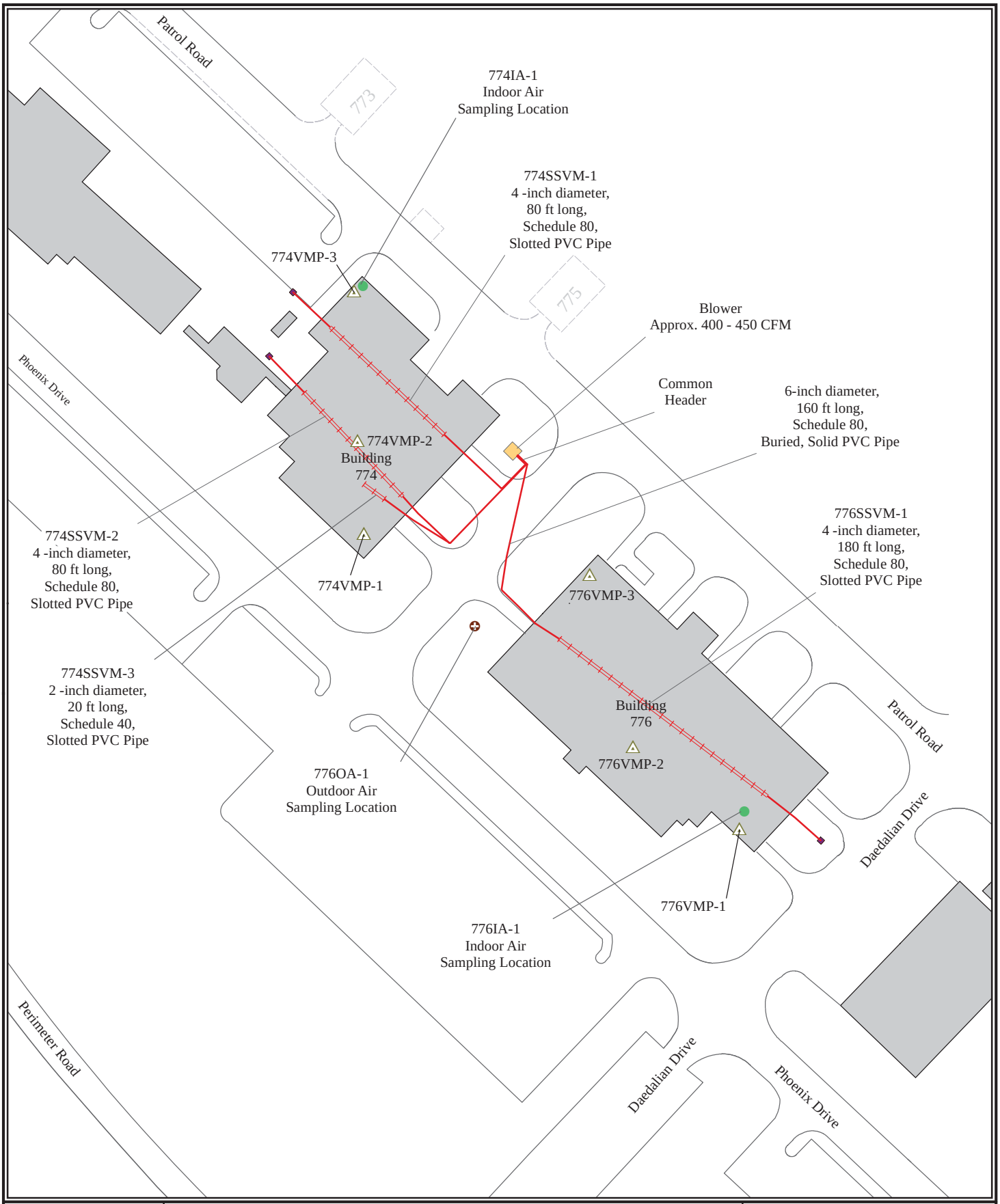
2.3 Summary of Analytical Results

Effluent samples were collected on January 12, 2012, February 15, 2012 and March 14, 2012 from the vapor-liquid separator prior to discharge. A field parameter for pH was collected on April 26, 2012. The sample collected on January 12, 2012 was sent to Life Science Laboratories in Syracuse, New York for volatile organic compound (VOC) analysis per EPA Method SW8260. The remaining samples were sent to Test America Laboratories, Inc. in Arvada, Colorado for the same analysis. The analytical results are summarized in Table 2-1. The Chains of Custody (COCs) and lab data sheets pertaining to these samples are attached to this discharge report.

2.4 Conclusions and Recommendations

The discharge water analytical results are within the limits set in Permit Number: FPM-001.

FPM will continue to operate the SSVM system. Currently the volume of water being collected has decreased. Therefore, after the next period (April – June 2012) the Permit Number: FPM-001 will be reviewed and possibly closed.



Site Location

Key to Features

- Indoor
- Outdoor
- SubSlab Vapor
- Horizontal Well Screen
- Horizontal Well Riser
- Demolished Road
- Existing Road
- SVE System
- Entrance/Exit Pit
- Demolished Facility
- Existing Facility

FIGURE 2-1
Buildings 774 and 776
SSVM System

0 50 100 200
Feet

N

UNITED STATES AIR FORCE
GRIFFISS AIR FORCE BASE
ROME, NEW YORK

October, 2011 Page 2-2

FPM

Y:\GIS_Projects\Griffiss\Projects\1000-08-17\SSVM_Full_Scale_WP\Report\Fig_3_1_B774_B776_SSVM.mxd

Table 2-1
Effluent Analytical Results

Sample Location	City of Rome Special Permit No. FPM-001 Limits (µg/L)	Reporting Limit	Effluent				
Sample ID			**B774776KT01AB**	**B774776KT01AC**	**B774776KT01AD**	**B774776KT01AE**	**Field Parameter**
Date of Collection			**12/08/11**	**01/12/12**	**02/15/12**	**03/14/12**	**04/26/12**
Sample Depth (ft TOIC)			**0**	**0**	**0**	**0**	**0**
Dilution Factor (-)			**1**	**1**	**1**	**1**	**1**
VOCs (µg/L)							
2-Butanone	--	6	2.2 F	U	U	U	NS
acetone	--	10	6.5 F	U	6.3 F	11	NS
benzene	130	1	U	U	0.19 F	0.24 F	NS
Isopropylbenzene	--		U	U	U	0.35 F	NS
Methylene chloride	--	5	0.44 F	U	0.45 F	0.43 F	NS
trichloroethene (TCE)	--	1	0.85 F	1.07	1.2	1.0	NS
total BETX	2,870	--	U	U	0.19	0.24	NS
Total Toxic Organics (TTO)	2,130	--	9.99	1.07	8.14	13.02	NS
Field Parameter							
pH (-)	5.5 - 11.5	--	NS	NS	NS	NS	6.32

F - Analyte was positively identified above the Method Detection Limit (=MDL), but the concentration is below the Reporting Limit (=RL).
U - The analyte was analyzed for, but not detected. The numerical value is at or below the MDL.
- - No Special Permit Limit.
NS - Not Sampled

3 References

FPM Remediations, Inc., *Draft Work Plan for Sub-Slab Vapor Mitigation Design, Buildings 774, 776, 785 and 786,* Former Griffiss Air Force Base, Rome, New York, Revision 0.0, February 2011.

FPM Remediations, Inc. *Draft Completion Report for Sub-Slab Vapor Mitigation Systems, Buildings 774, 776, 785 and 786,* Former Griffiss Air Force Base, Rome, New York, Revision 1.0, April 2012.

FPM Remediations, Inc. *Draft Quarterly Operation and Maintenance Report, SD052 (Buildings 774, 776, 785 and 786), Sub-Slab Vapor Mitigation Systems, (4th Quarter / Calendar Year 2011),* Former Griffiss Air Force Base Site, Rome, New York, Revision 1.0, April 2012.

K1201099

CHAIN OF CUSTODY RECORD

COC#: _1_ SDG#: _1_ Cooler ID: _A_

Ship to: Pamela Titus Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse, NY 13057 Tel: 315-445-1105 ext.274	Project Name: Griffiss AFB B774 776 (1015-11-01) Sampler Name: Mark Grifasi	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext. 212
Carrier: LSL courier.	Sampler Signature: Mark Grifasi	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2012	Time	MATRIX	SMCODE	SBD/SED	SACODE	No. of Containers	VOCs Note 1 40 mL glass vial (HCL)	Comments
B774776KT01AC	B774776-KT	1/12	0930	WG	G	0/0	N	3	3	
011212TC	FIELDQC	1/12	0915	WQ	NA	0/0	TB	2	2	

Sample Condition Upon Receipt at Laboratory:

Cooler temperature: 5.1 °C on Ice

Note 1: VOCs: method SW 8260 (AFCEE QAPP 4.0 List).

#1 Released by: (Sig) Mark Grifasi	Date: 1-12-12	#2 Released by: (Sig) Paul Fuller	Date: 1/12/2012	#3 Released by: (Sig)	Date:
Company Name: Remediations	Time: 10:11Am	Company Name: FPM Remediations Inc	Time: 10:10	Company Name:	Time:
#1 Received by: (Sig) Katrina Mattice	Date:	#2 Received by: (Sig)	Date:	#3 Received by: (Sig)	Date: 1-12-12
Company Name: FPM Remediations Inc	Time:	Company Name:	Time:	Company Name: LSL	Time: 15:00

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water

SMCODE
B = Bailer
G = Grab
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike

4.2 Tai ny 2/24

CHAIN OF CUSTODY RECORD

COC#: _1_ SDG#: _1_ Cooler ID: _A_

Ship to: Elaine Walker Test America 4955 Yarrow Street Arvada, CO 80002 Tel: 303-736-0156	Project Name: Griffiss AFB B774 776 (1015-11-01) Sampler Name: Mark Grifasi	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext. 212
Carrier: Fedex.	Sampler Signature: Mark Grifasi	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2012	Time	MATRIX	SMCODE	SBD/SED	SACODE	No. of Containers	VOCs Note 1 40 mL glass vial (HCL)	Comments
B774776KT01AD	B774776-KT	02/15	1300	WG	G	0/0	N	3	3	Similar to job # 280-23614-1

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Note 1: VOCs: method SW 8260 (AFCEE QAPP 4.0 List).
NO FIELD OR LAB QA/QC, NO ERPIMS

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Kmattice	Date: 2-23-12	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) Katrina Mattice	Date: 02/14/12	#2 Received by: (Sig)	Date: 2/24/12	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TAL	Time: 930	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water

SMCODE
B = Bailer
G = Grab
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike

1.0, 3/21/12 JH

CHAIN OF CUSTODY RECORD

COC#: _1_ SDG#: _1_ Cooler ID: _A_

Ship to: Elaine Walker Test America 4955 Yarrow Street Arvada, CO 80002 Tel: 303-736-0156	Project Name: Griffiss AFB B774 776 (1015-11-01) 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 J. Mattice	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2012	Time	MATRIX	SMCODE	SBD/SED	SACODE	No. of Containers	VOCs Note 1 40 mL glass vial (HCL)	Comments
B774776KT01AE	B774776-KT	03/14	1400	WG	G	0/0	N	3	3	Similar to job # 280-25974-1

Sample Condition Upon Receipt at Laboratory: Cooler temperature:
Note 1: VOCs: method SW 8260 (AFCEE QAPP 4.0 List). NO FIELD OR LAB QA/QC, NO ERPIMS

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Katrina Mattice	Date: 3/20/12	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) Katrina Mattice	Date: 03/14/12	#2 Received by: (Sig)	Date: 3/21/12	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1000	Company Name: TAL	Time: 930	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water

SMCODE
B = Bailer
G = Grab
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo:

CLIENT	FPM Group			**Lab ID:**	**K1201099-001A**
Project:	Griffiss AFB - B774			**Client Sample ID:**	***B774776KT01AC***
W Order:	K1201099			**Collection Date:**	01/12/12 9:30
Matrix:	GROUNDWATER			**Date Received:**	01/12/12 15:00
Inst. ID:	MSK_75	**Sample Size**	10 mL	**PrepDate:**	
ColumnID:	Rtx-VMS	**%Moisture:**		**BatchNo:**	R23424
Revision:	01/18/12 13:24	**TestCode:**	8260WAF_40CA	**FileID:**	1-SAMP-K7786.D
Col Type:					

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
(m+p)-Xylene	ND		2.00	0.200	µg/L	1	01/16/12 14:32
1,1,1,2-Tetrachloroethane	ND		0.500	0.160	µg/L	1	01/16/12 14:32
1,1,1-Trichloroethane	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,1,2,2-Tetrachloroethane	ND		0.500	0.100	µg/L	1	01/16/12 14:32
1,1,2-Trichloroethane	ND		1.00	0.160	µg/L	1	01/16/12 14:32
1,1-Dichloroethane	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,1-Dichloroethene	ND		1.00	0.160	µg/L	1	01/16/12 14:32
1,1-Dichloropropene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,2,3-Trichlorobenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,2,3-Trichloropropane	ND		2.00	0.330	µg/L	1	01/16/12 14:32
1,2,4-Trichlorobenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,2,4-Trimethylbenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,2-Dibromo-3-chloropropane	ND		5.00	1.00	µg/L	1	01/16/12 14:32
1,2-Dibromoethane	ND		1.00	0.160	µg/L	1	01/16/12 14:32
1,2-Dichlorobenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,2-Dichloroethane	ND		0.500	0.160	µg/L	1	01/16/12 14:32
1,2-Dichloropropane	ND		1.00	0.160	µg/L	1	01/16/12 14:32
1,3,5-Trimethylbenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,3-Dichlorobenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
1,3-Dichloropropane	ND		0.500	0.100	µg/L	1	01/16/12 14:32
1,4-Dichlorobenzene	ND		0.500	0.160	µg/L	1	01/16/12 14:32
1-Chlorohexane	ND		1.00	0.160	µg/L	1	01/16/12 14:32
2,2-Dichloropropane	ND		1.00	0.330	µg/L	1	01/16/12 14:32
2-Butanone	ND		10.0	1.00	µg/L	1	01/16/12 14:32
2-Chlorotoluene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
4-Chlorotoluene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
4-Methyl-2-pentanone	ND		10.0	1.00	µg/L	1	01/16/12 14:32
Acetone	ND		10.0	1.00	µg/L	1	01/16/12 14:32
Benzene	ND		0.500	0.100	µg/L	1	01/16/12 14:32
Bromobenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Bromochloromethane	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Bromodichloromethane	ND		0.500	0.100	µg/L	1	01/16/12 14:32
Bromoform	ND		1.00	0.330	µg/L	1	01/16/12 14:32
Bromomethane	ND		3.00	0.330	µg/L	1	01/16/12 14:32

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo:

CLIENT	FPM Group			**Lab ID:**	**K1201099-001A**
Project:	Griffiss AFB - B774			**Client Sample ID:**	***B774776KT01AC***
W Order:	K1201099			**Collection Date:**	01/12/12 9:30
Matrix:	GROUNDWATER			**Date Received:**	01/12/12 15:00
Inst. ID:	MSK_75	**Sample Size**	10 mL	**PrepDate:**	
ColumnID:	Rtx-VMS	**%Moisture:**		**BatchNo:**	R23424
Revision:	01/18/12 13:24	**TestCode:**	8260WAF_40CA	**FileID:**	1-SAMP-K7786.D
Col Type:					

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Carbon tetrachloride	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Chlorobenzene	ND		0.500	0.100	µg/L	1	01/16/12 14:32
Chloroethane	ND		1.00	0.330	µg/L	1	01/16/12 14:32
Chloroform	ND		0.500	0.100	µg/L	1	01/16/12 14:32
Chloromethane	ND		1.00	0.330	µg/L	1	01/16/12 14:32
cis-1,2-Dichloroethene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
cis-1,3-Dichloropropene	ND		0.500	0.160	µg/L	1	01/16/12 14:32
Dibromochloromethane	ND		0.500	0.100	µg/L	1	01/16/12 14:32
Dibromomethane	ND		1.00	0.160	µg/L	1	01/16/12 14:32
Dichlorodifluoromethane	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Ethylbenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Hexachlorobutadiene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Isopropylbenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Methyl tert-butyl ether	ND		5.00	0.160	µg/L	1	01/16/12 14:32
Methylene chloride	ND		1.00	0.160	µg/L	1	01/16/12 14:32
n-Butylbenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
n-Propylbenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Naphthalene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
o-Xylene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
p-Isopropyltoluene	ND		1.00	0.160	µg/L	1	01/16/12 14:32
sec-Butylbenzene	ND		1.00	0.160	µg/L	1	01/16/12 14:32
Styrene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
tert-Butylbenzene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Tetrachloroethene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Toluene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
trans-1,2-Dichloroethene	ND		1.00	0.100	µg/L	1	01/16/12 14:32
trans-1,3-Dichloropropene	ND		1.00	0.160	µg/L	1	01/16/12 14:32
Trichloroethene	1.07		1.00	0.100	µg/L	1	01/16/12 14:32
Trichlorofluoromethane	ND		1.00	0.100	µg/L	1	01/16/12 14:32
Vinyl chloride	ND		1.00	0.330	µg/L	1	01/16/12 14:32
Xylenes (total)	ND		2.00	0.300	µg/L	1	01/16/12 14:32
Surr: 1,2-Dichloroethane-d4	106		72-119	0.160	%REC	1	01/16/12 14:32
Surr: 4-Bromofluorobenzene	109		76-119	0.100	%REC	1	01/16/12 14:32
Surr: Toluene-d8	100		81-120	0.100	%REC	1	01/16/12 14:32

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Client: FPM Remediations Inc

Job Number: 280-25974-1

Client Sample ID: **B774776KT01AD**

Lab Sample ID: 280-25974-1
Client Matrix: Water

Date Sampled: 02/15/2012 1300
Date Received: 02/24/2012 0930

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	280-109401	Instrument ID:	MSV_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z3736.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	02/27/2012 1551			Final Weight/Volume:	20 mL
Prep Date:	02/27/2012 1551				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1,2-Tetrachloroethane	0.20	U	0.17	1.0
1,1,1-Trichloroethane	0.20	U	0.16	1.0
1,1,2,2-Tetrachloroethane	0.40	U	0.20	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	3.0	U	0.79	3.0
1,1,2-Trichloroethane	0.40	U	0.32	1.0
1,1-Dichloroethane	0.20	U	0.16	1.0
1,1-Dichloroethene	0.20	U	0.14	1.0
1,1-Dichloropropene	0.40	U	0.15	1.0
1,2,3-Trichlorobenzene	0.40	U	0.18	1.0
1,2,3-Trichloropropane	0.80	U	0.77	3.0
1,2,4-Trichlorobenzene	0.80	U	0.32	1.0
1,2,4-Trimethylbenzene	0.20	U	0.14	1.0
1,2-Dibromo-3-Chloropropane	1.6	U	0.81	5.0
1,2-Dichlorobenzene	0.20	U	0.13	1.0
1,2-Dichloroethane	0.20	U	0.13	1.0
1,2-Dichloropropane	0.20	U	0.13	1.0
1,3,5-Trimethylbenzene	0.80	U	0.14	1.0
1,3-Dichlorobenzene	0.20	U	0.16	1.0
1,3-Dichloropropane	0.20	U	0.15	1.0
1,4-Dichlorobenzene	0.40	U	0.16	1.0
1,4-Dioxane	80	U	71	220
1-Chlorohexane	0.20	U	0.17	1.0
2,2-Dichloropropane	0.40	U	0.20	1.0
2-Butanone (MEK)	3.2	U	1.8	6.0
2-Chlorotoluene	0.40	U	0.17	1.0
2-Hexanone	3.2	U	1.4	5.0
4-Chlorotoluene	0.40	U	0.17	1.0
4-Isopropyltoluene	0.40	U	0.17	1.0
4-Methyl-2-pentanone (MIBK)	3.2	U	1.0	5.0
Acetone	6.3	J	1.9	10
Benzene	0.19	J	0.16	1.0
Bromobenzene	0.20	U	0.17	1.0
Bromoform	0.40	U	0.19	1.0
Bromomethane	0.40	U	0.21	2.0
Carbon disulfide	0.80	U	0.45	2.0
Carbon tetrachloride	0.40	U	0.19	2.0
Chlorobenzene	0.20	U	0.17	1.0
Chlorobromomethane	0.20	U	0.10	1.0
Chlorodibromomethane	0.40	U	0.17	1.0
Chloroethane	1.6	U	0.41	2.0
Chloroform	0.20	U	0.16	1.0
Chloromethane	1.6	U	0.30	2.0
cis-1,2-Dichloroethene	0.20	U	0.15	1.0
cis-1,3-Dichloropropene	0.20	U	0.16	1.0
Cyclohexane	0.40	U	0.28	2.0
Dibromomethane	0.40	U	0.17	1.0

Client: FPM Remediations Inc

Job Number: 280-25974-1

Client Sample ID: **B774776KT01AD**

Lab Sample ID: 280-25974-1
Client Matrix: Water

Date Sampled: 02/15/2012 1300
Date Received: 02/24/2012 0930

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	280-109401	Instrument ID:	MSV_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z3736.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	02/27/2012 1551			Final Weight/Volume:	20 mL
Prep Date:	02/27/2012 1551				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Dichlorobromomethane	0.20	U	0.17	1.0
Dichlorodifluoromethane	0.80	U	0.31	2.0
Ethylbenzene	0.20	U	0.16	1.0
Ethylene Dibromide	0.20	U	0.18	1.0
Hexachlorobutadiene	0.40	U	0.12	1.0
Isopropylbenzene	0.40	U	0.19	1.0
Methyl acetate	2.0	U	1.6	5.0
Methyl tert-butyl ether	0.40	U	0.25	5.0
Methylcyclohexane	0.40	U	0.36	2.0
Methylene Chloride	0.45	J	0.32	5.0
m-Xylene & p-Xylene	0.80	U	0.34	2.0
Naphthalene	0.80	U	0.22	1.0
n-Butylbenzene	0.40	U	0.14	1.0
N-Propylbenzene	0.20	U	0.16	1.0
o-Xylene	0.40	U	0.19	1.0
sec-Butylbenzene	0.40	U	0.17	1.0
Styrene	0.40	U	0.17	1.0
tert-Butylbenzene	0.40	U	0.16	1.0
Tetrachloroethene	0.40	U	0.20	1.0
Toluene	0.40	U	0.17	1.0
trans-1,2-Dichloroethene	0.20	U	0.15	1.0
trans-1,3-Dichloropropene	0.40	U	0.19	1.0
Trichloroethene	1.2		0.16	1.0
Trichlorofluoromethane	0.80	U	0.29	2.0
Vinyl chloride	0.80	U	0.40	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 120
4-Bromofluorobenzene (Surr)	102		75 - 120
Dibromofluoromethane (Surr)	115		85 - 115
Toluene-d8 (Surr)	102		85 - 120

Client: FPM Remediations Inc

Job Number: 280-26825-1

Client Sample ID: **B774776KT01AE**

Lab Sample ID: 280-26825-1
Client Matrix: Water

Date Sampled: 03/14/2012 1400
Date Received: 03/21/2012 0930

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	280-113161	Instrument ID:	MSV_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4062.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2012 1604			Final Weight/Volume:	20 mL
Prep Date:	03/26/2012 1604				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1,2-Tetrachloroethane	0.20	U	0.17	1.0
1,1,1-Trichloroethane	0.20	U	0.16	1.0
1,1,2,2-Tetrachloroethane	0.40	U	0.20	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	3.0	U	0.79	3.0
1,1,2-Trichloroethane	0.40	U	0.32	1.0
1,1-Dichloroethane	0.20	U	0.16	1.0
1,1-Dichloroethene	0.20	U	0.14	1.0
1,1-Dichloropropene	0.40	U	0.15	1.0
1,2,3-Trichlorobenzene	0.40	U	0.18	1.0
1,2,3-Trichloropropane	0.80	U	0.77	3.0
1,2,4-Trichlorobenzene	0.80	U	0.32	1.0
1,2,4-Trimethylbenzene	0.20	U	0.14	1.0
1,2-Dibromo-3-Chloropropane	1.6	U	0.81	5.0
1,2-Dichlorobenzene	0.20	U	0.13	1.0
1,2-Dichloroethane	0.20	U	0.13	1.0
1,2-Dichloropropane	0.20	U	0.13	1.0
1,3,5-Trimethylbenzene	0.80	U	0.14	1.0
1,3-Dichlorobenzene	0.20	U	0.16	1.0
1,3-Dichloropropane	0.20	U	0.15	1.0
1,4-Dichlorobenzene	0.40	U	0.16	1.0
1,4-Dioxane	80	U	71	220
1-Chlorohexane	0.20	U	0.17	1.0
2,2-Dichloropropane	0.40	U	0.20	1.0
2-Butanone (MEK)	3.2	U	1.8	6.0
2-Chlorotoluene	0.40	U	0.17	1.0
2-Hexanone	3.2	U	1.4	5.0
4-Chlorotoluene	0.40	U	0.17	1.0
4-Isopropyltoluene	0.40	U	0.17	1.0
4-Methyl-2-pentanone (MIBK)	3.2	U	1.0	5.0
Acetone	11		1.9	10
Benzene	0.24	J	0.16	1.0
Bromobenzene	0.20	U	0.17	1.0
Bromoform	0.40	U	0.19	1.0
Bromomethane	0.40	U	0.21	2.0
Carbon disulfide	0.80	U	0.45	2.0
Carbon tetrachloride	0.40	U	0.19	2.0
Chlorobenzene	0.20	U	0.17	1.0
Chlorobromomethane	0.20	U	0.10	1.0
Chlorodibromomethane	0.40	U	0.17	1.0
Chloroethane	1.6	U	0.41	2.0
Chloroform	0.20	U	0.16	1.0
Chloromethane	1.6	U	0.30	2.0
cis-1,2-Dichloroethene	0.20	U	0.15	1.0
cis-1,3-Dichloropropene	0.20	U	0.16	1.0
Cyclohexane	0.40	U	0.28	2.0
Dibromomethane	0.40	U	0.17	1.0

Client: FPM Remediations Inc

Job Number: 280-26825-1

Client Sample ID: **B774776KT01AE**

Lab Sample ID: 280-26825-1
Client Matrix: Water

Date Sampled: 03/14/2012 1400
Date Received: 03/21/2012 0930

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	280-113161	Instrument ID:	MSV_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4062.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2012 1604			Final Weight/Volume:	20 mL
Prep Date:	03/26/2012 1604				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Dichlorobromomethane	0.20	U	0.17	1.0
Dichlorodifluoromethane	0.80	U	0.31	2.0
Ethylbenzene	0.20	U	0.16	1.0
Ethylene Dibromide	0.20	U	0.18	1.0
Hexachlorobutadiene	0.40	U	0.12	1.0
Isopropylbenzene	0.35	J	0.19	1.0
Methyl acetate	2.0	U	1.6	5.0
Methyl tert-butyl ether	0.40	U	0.25	5.0
Methylcyclohexane	0.40	U	0.36	2.0
Methylene Chloride	0.43	J	0.32	5.0
m-Xylene & p-Xylene	0.80	U	0.34	2.0
Naphthalene	0.80	U	0.22	1.0
n-Butylbenzene	0.40	U	0.14	1.0
N-Propylbenzene	0.20	U	0.16	1.0
o-Xylene	0.40	U	0.19	1.0
sec-Butylbenzene	0.40	U	0.17	1.0
Styrene	0.40	U	0.17	1.0
tert-Butylbenzene	0.40	U	0.16	1.0
Tetrachloroethene	0.40	U	0.20	1.0
Toluene	0.40	U	0.17	1.0
trans-1,2-Dichloroethene	0.20	U	0.15	1.0
trans-1,3-Dichloropropene	0.40	U	0.19	1.0
Trichloroethene	1.0		0.16	1.0
Trichlorofluoromethane	0.80	U	0.29	2.0
Vinyl chloride	0.80	U	0.40	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 120
4-Bromofluorobenzene (Surr)	104		75 - 120
Dibromofluoromethane (Surr)	101		85 - 115
Toluene-d8 (Surr)	105		85 - 120

Appendix C

Raw Lab Data

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-25116-1

Job Description: Griffiss AFB 1015-11-01 SVI

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

Attention: Daniel Baldyga

M. Elaine Walker

Approved for release.
Elaine Walker
Project Manager I
2/28/2012 10:21 AM

Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
02/28/2012

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

ACCREDITED IN ACCORDANCE WITH nelac

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB 1015-11-01 SVI
Report Number: 280-25116-1

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

Fifteen samples were received on 01/30/2012; the samples arrived at TestAmerica - Burlington in good condition, properly preserved. The samples were received at ambient temperature.

Sample 786VMP0202AD-11 was received at the TestAmerica Burlington with the valve stuck open, indicating the sample may have been compromised. The client was notified of this discrepancy via email on 02/01/2012. The client indicated that the sample would be re-collected, and the sample was not analyzed with this deliver group.

TO-15

Samples 774VMP0101AD (280-25116-1), 774VMP0201AD (280-25116-2), 774VMP0301AD (280-25116-3), 776VMP0101AD (280-25116-4), 776VMP0201AD (280-25116-5), 776VMP0301AD (280-25116-6), 774IA1AG (280-25116-7), 774776OA1GA (280-25116-8), 776IA1FA (280-25116-9), 786VMP0102AD (280-25116-10), 786VMP0302AD (280-25116-12), 774776CA01AF (280-25116-13), 785786CA01AD (280-25116-14), and TRIP BLANK (280-25116-15) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 02/06/2012, 02/07/2012 and 02/08/2012.

1,2,4-Trichlorobenzene and Acetone were detected in method blank MB 200-33356/5 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 correction action was necessary.

Samples 774VMP0101AD (280-25116-1), 774VMP0201AD (280-25116-2), 774VMP0301AD (280-25116-3), 774IA1AG (280-25116-7), 776IA1FA (280-25116-9), and 774776CA01AF (280-25116-13) required dilutions prior to analysis. 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.: 280-25116-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/3 Client Sample ID:

Date Analyzed: 01/12/12 17:27 Lab File ID: ckn003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	6.52	Baseline event	wrd	01/13/12 08:14
1,1-Dichloroethane	9.95	Peak not found by the data system	wrd	01/13/12 08:15
1,2-Dichloroethane	12.04	Peak not found by the data system	wrd	01/13/12 08:16

Lab Sample ID: IC 200-32216/4 Client Sample ID:

Date Analyzed: 01/12/12 18:17 Lab File ID: ckn004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.36	Baseline event	wrd	01/13/12 08:18

Lab Sample ID: IC 200-32216/5 Client Sample ID:

Date Analyzed: 01/12/12 19:07 Lab File ID: ckn005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:19
Acetonitrile	8.74	Baseline event	wrd	01/13/12 08:20

Lab Sample ID: ICIS 200-32216/6 Client Sample ID:

Date Analyzed: 01/12/12 19:56 Lab File ID: ckn006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:21
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/7 Client Sample ID:

Date Analyzed: 01/12/12 20:47 Lab File ID: ckn007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:22
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:22

Lab Sample ID: IC 200-32216/8 Client Sample ID:

Date Analyzed: 01/12/12 21:37 Lab File ID: ckn008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:23
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:24

Lab Sample ID: IC 200-32216/9 Client Sample ID:

Date Analyzed: 01/12/12 22:26 Lab File ID: ckn009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:25
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:25

Lab Sample ID: ICV 200-32216/12 Client Sample ID:

Date Analyzed: 01/13/12 00:56 Lab File ID: ckn012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:30
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:33

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33356

Lab Sample ID: CCVIS 200-33356/3 Client Sample ID:

Date Analyzed: 02/06/12 10:54 Lab File ID: cknq003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/06/12 11:34
Acetonitrile	8.71	Baseline event	wrd	02/06/12 11:34

Lab Sample ID: LCS 200-33356/4 Client Sample ID:

Date Analyzed: 02/06/12 11:45 Lab File ID: cknq004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/08/12 11:54

Lab Sample ID: 280-25116-1 Client Sample ID: 774VMP0101AD

Date Analyzed: 02/06/12 15:06 Lab File ID: cknq008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	7.14	Baseline event	wrd	02/07/12 14:33
4-Ethyltoluene	18.10	Baseline event	wrd	02/07/12 14:35

Lab Sample ID: 280-25116-3 Client Sample ID: 774VMP0301AD

Date Analyzed: 02/06/12 16:47 Lab File ID: cknq010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	5.06	Poor chromatography	jd1	02/09/12 09:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33356

Lab Sample ID: 280-25116-4 Client Sample ID: 776VMP0101AD

Date Analyzed: 02/06/12 17:37 Lab File ID: cknq011.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	5.51	Baseline event	wrd	02/08/12 08:34
Methylene Chloride	8.89	Baseline event	wrd	02/08/12 08:34
n-Hexane	9.57	Baseline event	wrd	02/08/12 08:35

Lab Sample ID: 280-25116-5 Client Sample ID: 776VMP0201AD

Date Analyzed: 02/06/12 18:27 Lab File ID: cknq012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	5.10	Analyte not identified by the data system	jd1	02/09/12 09:37

Lab Sample ID: 280-25116-10 Client Sample ID: 786VMP0102AD

Date Analyzed: 02/06/12 22:37 Lab File ID: cknq017.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	8.37	Baseline event	wrd	02/08/12 11:10

Lab Sample ID: 280-25116-12 Client Sample ID: 786VMP0302AD

Date Analyzed: 02/06/12 23:27 Lab File ID: cknq018.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	8.01	Baseline event	wrd	02/08/12 11:16

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33381

Lab Sample ID: CCVIS 200-33381/2 Client Sample ID:

Date Analyzed: 02/07/12 11:23 Lab File ID: cknr002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Poor chromatography	ahk	02/08/12 20:25
Acetonitrile	8.71	Poor chromatography	ahk	02/08/12 20:26

Lab Sample ID: LCS 200-33381/3 Client Sample ID:

Date Analyzed: 02/07/12 12:21 Lab File ID: cknr003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Poor chromatography	ahk	02/08/12 20:30

Lab Sample ID: 280-25116-9 Client Sample ID: 776IA1FA

Date Analyzed: 02/08/12 02:30 Lab File ID: cknr020.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
tert-Butyl alcohol	8.97	Peak not found by the data system	ahk	02/08/12 16:21

Lab Sample ID: 280-25116-7 Client Sample ID: 774IA1AG

Date Analyzed: 02/08/12 09:10 Lab File ID: cknr028.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	5.52	Analyte misidentified by the data system	ahk	02/08/12 16:50
Methyl Ethyl Ketone	10.77	Poor chromatography	ahk	02/08/12 16:50

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-25116-1	774VMP0101AD	Air	01/25/2012 1005	01/30/2012 0940
280-25116-2	774VMP0201AD	Air	01/25/2012 1010	01/30/2012 0940
280-25116-3	774VMP0301AD	Air	01/26/2012 1020	01/30/2012 0940
280-25116-4	776VMP0101AD	Air	01/25/2012 1150	01/30/2012 0940
280-25116-5	776VMP0201AD	Air	01/25/2012 1140	01/30/2012 0940
280-25116-6	776VMP0301AD	Air	01/25/2012 1200	01/30/2012 0940
280-25116-7	774IA1AG	Air	01/25/2012 1235	01/30/2012 0940
280-25116-8	774776OA1GA	Air	01/25/2012 1210	01/30/2012 0940
280-25116-9	776IA1FA	Air	01/25/2012 1255	01/30/2012 0940
280-25116-10	786VMP0102AD	Air	01/27/2012 1130	01/30/2012 0940
280-25116-12	786VMP0302AD	Air	01/27/2012 1120	01/30/2012 0940
280-25116-13	774776CA01AF	Air	01/24/2012 0930	01/30/2012 0940
280-25116-14	785786CA01AD	Air	01/24/2012 1020	01/30/2012 0940
280-25116-15TB	TRIP BLANK	Air	01/27/2012 1700	01/30/2012 0940

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-1	**774VMP0101AD**					
Dichlorodifluoromethane		0.48	J D	2.5	ppb v/v	TO-15
Dichlorodifluoromethane		2.4	J D	12	ug/m3	TO-15
Freon 22		85	D	2.5	ppb v/v	TO-15
Freon 22		300	D	8.8	ug/m3	TO-15
Trichlorofluoromethane		0.33	J D M	1.0	ppb v/v	TO-15
Trichlorofluoromethane		1.9	J D M	5.6	ug/m3	TO-15
Acetone		27	D	25	ppb v/v	TO-15
Acetone		64	D	59	ug/m3	TO-15
Isopropyl alcohol		7.0	J D	25	ppb v/v	TO-15
Isopropyl alcohol		17	J D	61	ug/m3	TO-15
n-Hexane		1.4	D	1.0	ppb v/v	TO-15
n-Hexane		5.1	D	3.5	ug/m3	TO-15
Methyl Ethyl Ketone		0.63	J D	2.5	ppb v/v	TO-15
Methyl Ethyl Ketone		1.9	J D	7.4	ug/m3	TO-15
2,2,4-Trimethylpentane		0.55	J D	1.0	ppb v/v	TO-15
2,2,4-Trimethylpentane		2.6	J D	4.7	ug/m3	TO-15
Trichloroethene		0.89	J D	1.0	ppb v/v	TO-15
Trichloroethene		4.8	J D	5.4	ug/m3	TO-15
Toluene		1.4	D	1.0	ppb v/v	TO-15
Toluene		5.2	D	3.8	ug/m3	TO-15
Ethylbenzene		0.95	J D	1.0	ppb v/v	TO-15
Ethylbenzene		4.1	J D	4.3	ug/m3	TO-15
m,p-Xylene		2.8	D	2.5	ppb v/v	TO-15
m,p-Xylene		12	D	11	ug/m3	TO-15
Xylene, o-		1.8	D	1.0	ppb v/v	TO-15
Xylene, o-		7.9	D	4.3	ug/m3	TO-15
Xylene (total)		4.6	D	1.0	ppb v/v	TO-15
Xylene (total)		20	D	4.3	ug/m3	TO-15
Cumene		0.22	J D	1.0	ppb v/v	TO-15
Cumene		1.1	J D	4.9	ug/m3	TO-15
n-Propylbenzene		0.44	J D	1.0	ppb v/v	TO-15
n-Propylbenzene		2.2	J D	4.9	ug/m3	TO-15
4-Ethyltoluene		0.66	J D M	1.0	ppb v/v	TO-15
4-Ethyltoluene		3.2	J D M	4.9	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.65	J D	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		3.2	J D	4.9	ug/m3	TO-15
1,2,4-Trimethylbenzene		2.3	D	1.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		12	D	4.9	ug/m3	TO-15
1,3-Dichlorobenzene		0.23	J D	1.0	ppb v/v	TO-15
1,3-Dichlorobenzene		1.4	J D	6.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-2	**774VMP0201AD**					
Dichlorodifluoromethane		0.63	J D	5.0	ppb v/v	TO-15
Dichlorodifluoromethane		3.1	J D	25	ug/m3	TO-15
Freon 22		210	D	5.0	ppb v/v	TO-15
Freon 22		750	D	18	ug/m3	TO-15
Acetone		45	J D	50	ppb v/v	TO-15
Acetone		110	J D	120	ug/m3	TO-15
Isopropyl alcohol		8.1	J D	50	ppb v/v	TO-15
Isopropyl alcohol		20	J D	120	ug/m3	TO-15
2,2,4-Trimethylpentane		0.44	J D	2.0	ppb v/v	TO-15
2,2,4-Trimethylpentane		2.1	J D	9.3	ug/m3	TO-15
Trichloroethene		0.77	J D	2.0	ppb v/v	TO-15
Trichloroethene		4.2	J D	11	ug/m3	TO-15
Toluene		1.3	J D	2.0	ppb v/v	TO-15
Toluene		4.8	J D	7.5	ug/m3	TO-15
Ethylbenzene		0.43	J D	2.0	ppb v/v	TO-15
Ethylbenzene		1.9	J D	8.7	ug/m3	TO-15
m,p-Xylene		1.3	J D	5.0	ppb v/v	TO-15
m,p-Xylene		5.5	J D	22	ug/m3	TO-15
Xylene, o-		0.82	J D	2.0	ppb v/v	TO-15
Xylene, o-		3.6	J D	8.7	ug/m3	TO-15
Xylene (total)		2.1	D	2.0	ppb v/v	TO-15
Xylene (total)		9.1	D	8.7	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.2	J D	2.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		6.0	J D	9.8	ug/m3	TO-15
280-25116-3	**774VMP0301AD**					
Dichlorodifluoromethane		0.70	J D M	5.0	ppb v/v	TO-15
Dichlorodifluoromethane		3.5	J D M	25	ug/m3	TO-15
Freon 22		250	D	5.0	ppb v/v	TO-15
Freon 22		880	D	18	ug/m3	TO-15
Trichlorofluoromethane		3.8	D	2.0	ppb v/v	TO-15
Trichlorofluoromethane		21	D	11	ug/m3	TO-15
Acetone		13	J D	50	ppb v/v	TO-15
Acetone		30	J D	120	ug/m3	TO-15
Isopropyl alcohol		10	J D	50	ppb v/v	TO-15
Isopropyl alcohol		25	J D	120	ug/m3	TO-15
Methyl Ethyl Ketone		2.6	J D	5.0	ppb v/v	TO-15
Methyl Ethyl Ketone		7.6	J D	15	ug/m3	TO-15
Tetrahydrofuran		4.0	J D	50	ppb v/v	TO-15
Tetrahydrofuran		12	J D	150	ug/m3	TO-15
Toluene		0.33	J D	2.0	ppb v/v	TO-15
Toluene		1.3	J D	7.5	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-4	**776VMP0101AD**					
Dichlorodifluoromethane		0.58		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.9		2.5	ug/m3	TO-15
Freon 22		3.3		0.50	ppb v/v	TO-15
Freon 22		12		1.8	ug/m3	TO-15
Chloromethane		0.33	J M	0.50	ppb v/v	TO-15
Chloromethane		0.67	J M	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		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.091	J	0.20	ppb v/v	TO-15
Freon TF		0.70	J	1.5	ug/m3	TO-15
Acetone		9.7		5.0	ppb v/v	TO-15
Acetone		23		12	ug/m3	TO-15
Isopropyl alcohol		20		5.0	ppb v/v	TO-15
Isopropyl alcohol		49		12	ug/m3	TO-15
Methylene Chloride		0.14	J M	0.50	ppb v/v	TO-15
Methylene Chloride		0.49	J M	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.41	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		1.3	J	15	ug/m3	TO-15
n-Hexane		0.11	J M	0.20	ppb v/v	TO-15
n-Hexane		0.38	J M	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.0		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		5.9		1.5	ug/m3	TO-15
Chloroform		0.055	J	0.20	ppb v/v	TO-15
Chloroform		0.27	J	0.98	ug/m3	TO-15
Tetrahydrofuran		3.4	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		9.9	J	15	ug/m3	TO-15
Cyclohexane		0.34		0.20	ppb v/v	TO-15
Cyclohexane		1.2		0.69	ug/m3	TO-15
Carbon tetrachloride		0.084	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.53	J	1.3	ug/m3	TO-15
Benzene		0.16	J	0.20	ppb v/v	TO-15
Benzene		0.52	J	0.64	ug/m3	TO-15
Trichloroethene		0.066	J	0.20	ppb v/v	TO-15
Trichloroethene		0.36	J	1.1	ug/m3	TO-15
Toluene		0.11	J	0.20	ppb v/v	TO-15
Toluene		0.40	J	0.75	ug/m3	TO-15
m,p-Xylene		0.054	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.23	J	2.2	ug/m3	TO-15
Xylene (total)		0.054	J	0.20	ppb v/v	TO-15
Xylene (total)		0.23	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-5	**776VMP0201AD**					
Dichlorodifluoromethane		0.63		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.1		2.5	ug/m3	TO-15
Freon 22		4.6	M	0.50	ppb v/v	TO-15
Freon 22		16	M	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		1.3		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		0.15	J	0.20	ppb v/v	TO-15
Freon TF		1.2	J	1.5	ug/m3	TO-15
Acetone		8.3		5.0	ppb v/v	TO-15
Acetone		20		12	ug/m3	TO-15
Isopropyl alcohol		17		5.0	ppb v/v	TO-15
Isopropyl alcohol		41		12	ug/m3	TO-15
Carbon disulfide		0.20	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.64	J	1.6	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		0.15	J	0.20	ppb v/v	TO-15
n-Hexane		0.53	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.40	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.2	J	1.5	ug/m3	TO-15
Chloroform		0.062	J	0.20	ppb v/v	TO-15
Chloroform		0.30	J	0.98	ug/m3	TO-15
Cyclohexane		0.42		0.20	ppb v/v	TO-15
Cyclohexane		1.4		0.69	ug/m3	TO-15
Carbon tetrachloride		0.084	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.53	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.051	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.24	J	0.93	ug/m3	TO-15
Benzene		0.20		0.20	ppb v/v	TO-15
Benzene		0.65		0.64	ug/m3	TO-15
n-Heptane		0.093	J	0.20	ppb v/v	TO-15
n-Heptane		0.38	J	0.82	ug/m3	TO-15
Trichloroethene		0.56		0.20	ppb v/v	TO-15
Trichloroethene		3.0		1.1	ug/m3	TO-15
methyl isobutyl ketone		0.11	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.44	J	2.0	ug/m3	TO-15
Toluene		0.37		0.20	ppb v/v	TO-15
Toluene		1.4		0.75	ug/m3	TO-15
Chlorobenzene		0.028	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.13	J	0.92	ug/m3	TO-15
Ethylbenzene		0.17	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.75	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
m,p-Xylene		0.44	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.9	J	2.2	ug/m3	TO-15
Xylene, o-		0.18	J	0.20	ppb v/v	TO-15
Xylene, o-		0.79	J	0.87	ug/m3	TO-15
Xylene (total)		0.62		0.20	ppb v/v	TO-15
Xylene (total)		2.7		0.87	ug/m3	TO-15
Styrene		0.10	J	0.20	ppb v/v	TO-15
Styrene		0.44	J	0.85	ug/m3	TO-15
4-Isopropyltoluene		0.089	J	0.20	ppb v/v	TO-15
4-Isopropyltoluene		0.49	J	1.1	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-6	**776VMP0301AD**					
Dichlorodifluoromethane		0.59		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.9		2.5	ug/m3	TO-15
Freon 22		1.8		0.50	ppb v/v	TO-15
Freon 22		6.3		1.8	ug/m3	TO-15
n-Butane		0.72		0.50	ppb v/v	TO-15
n-Butane		1.7		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		0.078	J	0.20	ppb v/v	TO-15
Freon TF		0.60	J	1.5	ug/m3	TO-15
Acetone		14		5.0	ppb v/v	TO-15
Acetone		34		12	ug/m3	TO-15
Isopropyl alcohol		11		5.0	ppb v/v	TO-15
Isopropyl alcohol		28		12	ug/m3	TO-15
Carbon disulfide		1.9		0.50	ppb v/v	TO-15
Carbon disulfide		6.0		1.6	ug/m3	TO-15
Methylene Chloride		0.14	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.50	J	1.7	ug/m3	TO-15
n-Hexane		0.21		0.20	ppb v/v	TO-15
n-Hexane		0.72		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.86		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.6		1.5	ug/m3	TO-15
Chloroform		0.14	J	0.20	ppb v/v	TO-15
Chloroform		0.68	J	0.98	ug/m3	TO-15
Tetrahydrofuran		0.28	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.81	J	15	ug/m3	TO-15
Cyclohexane		0.36		0.20	ppb v/v	TO-15
Cyclohexane		1.2		0.69	ug/m3	TO-15
Carbon tetrachloride		0.080	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.51	J	1.3	ug/m3	TO-15
Benzene		0.13	J	0.20	ppb v/v	TO-15
Benzene		0.40	J	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.066	J	0.20	ppb v/v	TO-15
1,2-Dichloroethane		0.27	J	0.81	ug/m3	TO-15
n-Heptane		0.088	J	0.20	ppb v/v	TO-15
n-Heptane		0.36	J	0.82	ug/m3	TO-15
Trichloroethene		2.5		0.20	ppb v/v	TO-15
Trichloroethene		13		1.1	ug/m3	TO-15
methyl isobutyl ketone		0.20	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.83	J	2.0	ug/m3	TO-15
Toluene		0.31		0.20	ppb v/v	TO-15
Toluene		1.2		0.75	ug/m3	TO-15
Ethylbenzene		0.15	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.64	J	0.87	ug/m3	TO-15
m,p-Xylene		0.38	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.7	J	2.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene, o-		0.16	J	0.20	ppb v/v	TO-15
Xylene, o-		0.70	J	0.87	ug/m3	TO-15
Xylene (total)		0.55		0.20	ppb v/v	TO-15
Xylene (total)		2.4		0.87	ug/m3	TO-15
Styrene		0.061	J	0.20	ppb v/v	TO-15
Styrene		0.26	J	0.85	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.12	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.61	J	0.98	ug/m3	TO-15
4-Isopropyltoluene		0.053	J	0.20	ppb v/v	TO-15
4-Isopropyltoluene		0.29	J	1.1	ug/m3	TO-15
Naphthalene		0.097	J	0.50	ppb v/v	TO-15
Naphthalene		0.51	J	2.6	ug/m3	TO-15
280-25116-7	**774IA1AG**					
Freon 22		98		2.0	ppb v/v	TO-15
Freon 22		350		7.1	ug/m3	TO-15
Chloromethane		0.81	J M	2.0	ppb v/v	TO-15
Chloromethane		1.7	J M	4.1	ug/m3	TO-15
Trichlorofluoromethane		1.6		0.80	ppb v/v	TO-15
Trichlorofluoromethane		8.9		4.5	ug/m3	TO-15
Acetone		12	J	20	ppb v/v	TO-15
Acetone		28	J	48	ug/m3	TO-15
Isopropyl alcohol		12	J	20	ppb v/v	TO-15
Isopropyl alcohol		29	J	49	ug/m3	TO-15
Methyl Ethyl Ketone		0.86	J M	2.0	ppb v/v	TO-15
Methyl Ethyl Ketone		2.5	J M	5.9	ug/m3	TO-15
Trichloroethene		0.27	J	0.80	ppb v/v	TO-15
Trichloroethene		1.5	J	4.3	ug/m3	TO-15
Toluene		0.20	J	0.80	ppb v/v	TO-15
Toluene		0.76	J	3.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-8	**774776OA1GA**					
Dichlorodifluoromethane		0.57		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.8		2.5	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		0.77		0.50	ppb v/v	TO-15
n-Butane		1.8		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		0.074	J	0.20	ppb v/v	TO-15
Freon TF		0.56	J	1.5	ug/m3	TO-15
Acetone		0.79	J	5.0	ppb v/v	TO-15
Acetone		1.9	J	12	ug/m3	TO-15
Methylene Chloride		0.14	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.50	J	1.7	ug/m3	TO-15
n-Hexane		0.12	J	0.20	ppb v/v	TO-15
n-Hexane		0.42	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.14	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.42	J	1.5	ug/m3	TO-15
Carbon tetrachloride		0.082	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.51	J	1.3	ug/m3	TO-15
Benzene		0.20		0.20	ppb v/v	TO-15
Benzene		0.63		0.64	ug/m3	TO-15
Toluene		0.19	J	0.20	ppb v/v	TO-15
Toluene		0.73	J	0.75	ug/m3	TO-15
m,p-Xylene		0.076	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.33	J	2.2	ug/m3	TO-15
Xylene, o-		0.028	J	0.20	ppb v/v	TO-15
Xylene, o-		0.12	J	0.87	ug/m3	TO-15
Xylene (total)		0.10	J	0.20	ppb v/v	TO-15
Xylene (total)		0.45	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-9	**776IA1FA**					
Dichlorodifluoromethane		0.65	J	0.75	ppb v/v	TO-15
Dichlorodifluoromethane		3.2	J	3.7	ug/m3	TO-15
Freon 22		4.2		0.75	ppb v/v	TO-15
Freon 22		15		2.7	ug/m3	TO-15
Chloromethane		0.70	J	0.75	ppb v/v	TO-15
Chloromethane		1.4	J	1.5	ug/m3	TO-15
n-Butane		1.0		0.75	ppb v/v	TO-15
n-Butane		2.4		1.8	ug/m3	TO-15
Trichlorofluoromethane		0.25	J	0.30	ppb v/v	TO-15
Trichlorofluoromethane		1.4	J	1.7	ug/m3	TO-15
Acetone		7.7		7.5	ppb v/v	TO-15
Acetone		18		18	ug/m3	TO-15
Isopropyl alcohol		42		7.5	ppb v/v	TO-15
Isopropyl alcohol		100		18	ug/m3	TO-15
tert-Butyl alcohol		0.19	J M	7.5	ppb v/v	TO-15
tert-Butyl alcohol		0.56	J M	23	ug/m3	TO-15
Methyl Ethyl Ketone		0.29	J	0.75	ppb v/v	TO-15
Methyl Ethyl Ketone		0.84	J	2.2	ug/m3	TO-15
Chloroform		0.065	J	0.30	ppb v/v	TO-15
Chloroform		0.32	J	1.5	ug/m3	TO-15
Carbon tetrachloride		0.091	J	0.30	ppb v/v	TO-15
Carbon tetrachloride		0.57	J	1.9	ug/m3	TO-15
2,2,4-Trimethylpentane		0.064	J	0.30	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.30	J	1.4	ug/m3	TO-15
Benzene		0.21	J	0.30	ppb v/v	TO-15
Benzene		0.67	J	0.96	ug/m3	TO-15
n-Heptane		0.10	J	0.30	ppb v/v	TO-15
n-Heptane		0.43	J	1.2	ug/m3	TO-15
Trichloroethene		0.076	J	0.30	ppb v/v	TO-15
Trichloroethene		0.41	J	1.6	ug/m3	TO-15
methyl isobutyl ketone		0.20	J	0.75	ppb v/v	TO-15
methyl isobutyl ketone		0.83	J	3.1	ug/m3	TO-15
Toluene		0.35		0.30	ppb v/v	TO-15
Toluene		1.3		1.1	ug/m3	TO-15
Ethylbenzene		0.11	J	0.30	ppb v/v	TO-15
Ethylbenzene		0.47	J	1.3	ug/m3	TO-15
m,p-Xylene		0.24	J	0.75	ppb v/v	TO-15
m,p-Xylene		1.0	J	3.3	ug/m3	TO-15
Xylene, o-		0.11	J	0.30	ppb v/v	TO-15
Xylene, o-		0.46	J	1.3	ug/m3	TO-15
Xylene (total)		0.34		0.30	ppb v/v	TO-15
Xylene (total)		1.5		1.3	ug/m3	TO-15
Styrene		0.078	J	0.30	ppb v/v	TO-15
Styrene		0.33	J	1.3	ug/m3	TO-15
Naphthalene		0.14	J	0.75	ppb v/v	TO-15
Naphthalene		0.71	J	3.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-10	**786VMP0102AD**					
Dichlorodifluoromethane		0.55		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	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		0.084	J	0.20	ppb v/v	TO-15
Freon TF		0.64	J	1.5	ug/m3	TO-15
Acetone		1.4	J	5.0	ppb v/v	TO-15
Acetone		3.3	J	12	ug/m3	TO-15
Isopropyl alcohol		0.44	J M	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.1	J M	12	ug/m3	TO-15
n-Hexane		2.8		0.20	ppb v/v	TO-15
n-Hexane		10		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.19	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.55	J	1.5	ug/m3	TO-15
Cyclohexane		0.82		0.20	ppb v/v	TO-15
Cyclohexane		2.8		0.69	ug/m3	TO-15
Carbon tetrachloride		0.069	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.43	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.42		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		1.9		0.93	ug/m3	TO-15
n-Heptane		1.0		0.20	ppb v/v	TO-15
n-Heptane		4.1		0.82	ug/m3	TO-15
Trichloroethene		2.4		0.20	ppb v/v	TO-15
Trichloroethene		13		1.1	ug/m3	TO-15
methyl isobutyl ketone		0.85		0.50	ppb v/v	TO-15
methyl isobutyl ketone		3.5		2.0	ug/m3	TO-15
Toluene		0.16	J	0.20	ppb v/v	TO-15
Toluene		0.61	J	0.75	ug/m3	TO-15
Tetrachloroethene		0.36		0.20	ppb v/v	TO-15
Tetrachloroethene		2.4		1.4	ug/m3	TO-15
m,p-Xylene		0.074	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.32	J	2.2	ug/m3	TO-15
Xylene, o-		0.025	J	0.20	ppb v/v	TO-15
Xylene, o-		0.11	J	0.87	ug/m3	TO-15
Xylene (total)		0.099	J	0.20	ppb v/v	TO-15
Xylene (total)		0.43	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-12	**786VMP0302AD**					
Dichlorodifluoromethane		0.56		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Freon 22		0.27	J	0.50	ppb v/v	TO-15
Freon 22		0.97	J	1.8	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		0.070	J M	0.20	ppb v/v	TO-15
Freon TF		0.54	J M	1.5	ug/m3	TO-15
Acetone		0.51	J	5.0	ppb v/v	TO-15
Acetone		1.2	J	12	ug/m3	TO-15
Methylene Chloride		0.14	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.50	J	1.7	ug/m3	TO-15
tert-Butyl alcohol		0.16	J	5.0	ppb v/v	TO-15
tert-Butyl alcohol		0.47	J	15	ug/m3	TO-15
n-Hexane		0.41		0.20	ppb v/v	TO-15
n-Hexane		1.5		0.70	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		0.052	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.24	J	0.93	ug/m3	TO-15
Benzene		0.077	J	0.20	ppb v/v	TO-15
Benzene		0.25	J	0.64	ug/m3	TO-15
n-Heptane		0.097	J	0.20	ppb v/v	TO-15
n-Heptane		0.40	J	0.82	ug/m3	TO-15
Trichloroethene		0.36		0.20	ppb v/v	TO-15
Trichloroethene		1.9		1.1	ug/m3	TO-15
methyl isobutyl ketone		0.99		0.50	ppb v/v	TO-15
methyl isobutyl ketone		4.0		2.0	ug/m3	TO-15
Toluene		0.16	J	0.20	ppb v/v	TO-15
Toluene		0.62	J	0.75	ug/m3	TO-15
Ethylbenzene		0.093	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.40	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-		0.087	J	0.20	ppb v/v	TO-15
Xylene, o-		0.38	J	0.87	ug/m3	TO-15
Xylene (total)		0.41		0.20	ppb v/v	TO-15
Xylene (total)		1.8		0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.068	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.33	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-13	**774776CA01AF**					
Dichlorodifluoromethane		2.1	J D	2.5	ppb v/v	TO-15
Dichlorodifluoromethane		11	J D	12	ug/m3	TO-15
Freon 22		91	D	2.5	ppb v/v	TO-15
Freon 22		320	D	8.8	ug/m3	TO-15
n-Butane		1.2	J D	2.5	ppb v/v	TO-15
n-Butane		2.9	J D	5.9	ug/m3	TO-15
Trichlorofluoromethane		7.0	D	1.0	ppb v/v	TO-15
Trichlorofluoromethane		40	D	5.6	ug/m3	TO-15
Acetone		6.8	J D	25	ppb v/v	TO-15
Acetone		16	J D	59	ug/m3	TO-15
Methyl Ethyl Ketone		1.6	J D	2.5	ppb v/v	TO-15
Methyl Ethyl Ketone		4.8	J D	7.4	ug/m3	TO-15
Chloroform		0.73	J D	1.0	ppb v/v	TO-15
Chloroform		3.6	J D	4.9	ug/m3	TO-15
1,1,1-Trichloroethane		0.91	J D	1.0	ppb v/v	TO-15
1,1,1-Trichloroethane		5.0	J D	5.5	ug/m3	TO-15
Benzene		0.57	J D	1.0	ppb v/v	TO-15
Benzene		1.8	J D	3.2	ug/m3	TO-15
n-Heptane		0.46	J D	1.0	ppb v/v	TO-15
n-Heptane		1.9	J D	4.1	ug/m3	TO-15
Trichloroethene		57	D	1.0	ppb v/v	TO-15
Trichloroethene		300	D	5.4	ug/m3	TO-15
Toluene		0.22	J D	1.0	ppb v/v	TO-15
Toluene		0.83	J D	3.8	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc Job Number: 280-25116-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25116-14	**785786CA01AD**					
Dichlorodifluoromethane		0.50		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5		2.5	ug/m3	TO-15
n-Butane		1.2		0.50	ppb v/v	TO-15
n-Butane		2.8		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.24		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.068	J	0.20	ppb v/v	TO-15
Freon TF		0.52	J	1.5	ug/m3	TO-15
Acetone		0.52	J	5.0	ppb v/v	TO-15
Acetone		1.2	J	12	ug/m3	TO-15
Methylene Chloride		0.16	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.54	J	1.7	ug/m3	TO-15
n-Hexane		0.43		0.20	ppb v/v	TO-15
n-Hexane		1.5		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.091	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.27	J	1.5	ug/m3	TO-15
cis-1,2-Dichloroethene		0.14	J	0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		0.56	J	0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		0.14	J	0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		0.56	J	0.79	ug/m3	TO-15
Chloroform		0.33		0.20	ppb v/v	TO-15
Chloroform		1.6		0.98	ug/m3	TO-15
1,1,1-Trichloroethane		0.059	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.32	J	1.1	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		1.7		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		7.9		0.93	ug/m3	TO-15
n-Heptane		0.76		0.20	ppb v/v	TO-15
n-Heptane		3.1		0.82	ug/m3	TO-15
Trichloroethene		26		0.20	ppb v/v	TO-15
Trichloroethene		140		1.1	ug/m3	TO-15
Toluene		0.12	J	0.20	ppb v/v	TO-15
Toluene		0.44	J	0.75	ug/m3	TO-15
Tetrachloroethene		1.7		0.20	ppb v/v	TO-15
Tetrachloroethene		11		1.4	ug/m3	TO-15
Ethylbenzene		0.069	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.30	J	0.87	ug/m3	TO-15
m,p-Xylene		0.23	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.98	J	2.2	ug/m3	TO-15
Xylene, o-		0.070	J	0.20	ppb v/v	TO-15
Xylene, o-		0.30	J	0.87	ug/m3	TO-15
Xylene (total)		0.30		0.20	ppb v/v	TO-15
Xylene (total)		1.3		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: 280-25116-1

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

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25116-1

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: 280-25116-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD
EPA TO-15	Keene, Angela H	AHK

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J D	0.19	2.5
Freon 22	85	D	0.17	2.5
1,2-Dichlorotetrafluoroethane	0.40	U	0.16	1.0
Chloromethane	0.20	U	0.065	2.5
n-Butane	0.20	U	0.055	2.5
Vinyl chloride	0.40	U	0.15	1.0
1,3-Butadiene	0.20	U	0.050	1.0
Bromomethane	0.20	U	0.060	1.0
Chloroethane	0.20	U	0.080	2.5
Bromoethene(Vinyl Bromide)	0.20	U	0.095	1.0
Trichlorofluoromethane	0.33	J D M	0.17	1.0
Freon TF	0.20	U	0.050	1.0
1,1-Dichloroethene	0.40	U	0.15	1.0
Acetone	27	D	0.23	25
Isopropyl alcohol	7.0	J D	0.19	25
Carbon disulfide	1.0	U	0.33	2.5
3-Chloropropene	0.20	U	0.095	2.5
Methylene Chloride	0.20	U	0.065	2.5
tert-Butyl alcohol	1.0	U	0.36	25
Methyl tert-butyl ether	0.20	U	0.080	1.0
trans-1,2-Dichloroethene	0.40	U	0.16	1.0
n-Hexane	1.4	D	0.13	1.0
1,1-Dichloroethane	0.65	U	0.18	1.0
Methyl Ethyl Ketone	0.63	J D	0.085	2.5
cis-1,2-Dichloroethene	0.20	U	0.070	1.0
1,2-Dichloroethene, Total	0.20	U	0.070	1.0
Chloroform	0.40	U	0.16	1.0
Tetrahydrofuran	0.20	U	0.090	25
1,1,1-Trichloroethane	0.65	U	0.18	1.0
Cyclohexane	0.65	U	0.20	1.0
Carbon tetrachloride	0.65	U	0.17	1.0
2,2,4-Trimethylpentane	0.55	J D	0.18	1.0
Benzene	0.20	U	0.090	1.0
1,2-Dichloroethane	0.40	U	0.16	1.0
n-Heptane	0.20	U	0.050	1.0
Trichloroethene	0.89	J D	0.15	1.0
Methyl methacrylate	0.20	U	0.065	2.5
1,2-Dichloropropane	0.20	U	0.070	1.0
1,4-Dioxane	1.6	U	0.44	25
Bromodichloromethane	0.40	U	0.14	1.0
cis-1,3-Dichloropropene	0.20	U	0.080	1.0
methyl isobutyl ketone	0.40	U	0.13	2.5
Toluene	1.4	D	0.090	1.0
trans-1,3-Dichloropropene	0.40	U	0.10	1.0
1,1,2-Trichloroethane	0.20	U	0.095	1.0
Tetrachloroethene	0.20	U	0.055	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.65	U	0.20	2.5
Dibromochloromethane	0.40	U	0.11	1.0
1,2-Dibromoethane	0.20	U	0.090	1.0
Chlorobenzene	0.40	U	0.10	1.0
Ethylbenzene	0.95	J D	0.11	1.0
m,p-Xylene	2.8	D	0.24	2.5
Xylene, o-	1.8	D	0.11	1.0
Xylene (total)	4.6	D	0.11	1.0
Styrene	0.40	U	0.15	1.0
Bromoform	0.20	U	0.095	1.0
Cumene	0.22	J D	0.16	1.0
1,1,2,2-Tetrachloroethane	0.65	U	0.20	1.0
n-Propylbenzene	0.44	J D	0.25	1.0
4-Ethyltoluene	0.66	J D M	0.23	1.0
1,3,5-Trimethylbenzene	0.65	J D	0.26	1.0
2-Chlorotoluene	0.65	U	0.24	1.0
tert-Butylbenzene	0.65	U	0.24	1.0
1,2,4-Trimethylbenzene	2.3	D	0.26	1.0
sec-Butylbenzene	0.65	U	0.24	1.0
4-Isopropyltoluene	0.65	U	0.24	1.0
1,3-Dichlorobenzene	0.23	J D	0.22	1.0
1,4-Dichlorobenzene	0.65	U	0.22	1.0
Benzyl chloride	0.65	U	0.23	1.0
n-Butylbenzene	0.65	U	0.28	1.0
1,2-Dichlorobenzene	0.65	U	0.24	1.0
1,2,4-Trichlorobenzene	0.65	U	0.25	2.5
Hexachlorobutadiene	1.0	U	0.33	1.0
Naphthalene	1.6	U	0.43	2.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J D	0.94	12
Freon 22	300	D	0.60	8.8
1,2-Dichlorotetrafluoroethane	2.8	U	1.1	7.0
Chloromethane	0.41	U	0.13	5.2
n-Butane	0.48	U	0.13	5.9
Vinyl chloride	1.0	U	0.37	2.6
1,3-Butadiene	0.44	U	0.11	2.2
Bromomethane	0.78	U	0.23	3.9
Chloroethane	0.53	U	0.21	6.6
Bromoethene(Vinyl Bromide)	0.87	U	0.42	4.4
Trichlorofluoromethane	1.9	J D M	0.96	5.6
Freon TF	1.5	U	0.38	7.7
1,1-Dichloroethene	1.6	U	0.59	4.0
Acetone	64	D	0.53	59
Isopropyl alcohol	17	J D	0.45	61
Carbon disulfide	3.1	U	1.0	7.8

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.30	7.8
Methylene Chloride	0.69	U	0.23	8.7
tert-Butyl alcohol	3.0	U	1.1	76
Methyl tert-butyl ether	0.72	U	0.29	3.6
trans-1,2-Dichloroethene	1.6	U	0.63	4.0
n-Hexane	5.1	D	0.46	3.5
1,1-Dichloroethane	2.6	U	0.71	4.0
Methyl Ethyl Ketone	1.9	J D	0.25	7.4
cis-1,2-Dichloroethene	0.79	U	0.28	4.0
1,2-Dichloroethene, Total	0.79	U	0.28	4.0
Chloroform	2.0	U	0.76	4.9
Tetrahydrofuran	0.59	U	0.27	74
1,1,1-Trichloroethane	3.5	U	0.95	5.5
Cyclohexane	2.2	U	0.67	3.4
Carbon tetrachloride	4.1	U	1.0	6.3
2,2,4-Trimethylpentane	2.6	J D	0.84	4.7
Benzene	0.64	U	0.29	3.2
1,2-Dichloroethane	1.6	U	0.63	4.0
n-Heptane	0.82	U	0.20	4.1
Trichloroethene	4.8	J D	0.81	5.4
Methyl methacrylate	0.82	U	0.27	10
1,2-Dichloropropane	0.92	U	0.32	4.6
1,4-Dioxane	5.8	U	1.6	90
Bromodichloromethane	2.7	U	0.94	6.7
cis-1,3-Dichloropropene	0.91	U	0.36	4.5
methyl isobutyl ketone	1.6	U	0.53	10
Toluene	5.2	D	0.34	3.8
trans-1,3-Dichloropropene	1.8	U	0.45	4.5
1,1,2-Trichloroethane	1.1	U	0.52	5.5
Tetrachloroethene	1.4	U	0.37	6.8
Methyl Butyl Ketone (2-Hexanone)	2.7	U	0.80	10
Dibromochloromethane	3.4	U	0.89	8.5
1,2-Dibromoethane	1.5	U	0.69	7.7
Chlorobenzene	1.8	U	0.46	4.6
Ethylbenzene	4.1	J D	0.48	4.3
m,p-Xylene	12	D	1.0	11
Xylene, o-	7.9	D	0.48	4.3
Xylene (total)	20	D	0.48	4.3
Styrene	1.7	U	0.64	4.3
Bromoform	2.1	U	0.98	10
Cumene	1.1	J D	0.76	4.9
1,1,2,2-Tetrachloroethane	4.5	U	1.4	6.9
n-Propylbenzene	2.2	J D	1.2	4.9
4-Ethyltoluene	3.2	J D M	1.1	4.9
1,3,5-Trimethylbenzene	3.2	J D	1.3	4.9
2-Chlorotoluene	3.4	U	1.2	5.2

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	3.6	U	1.3	5.5
1,2,4-Trimethylbenzene	12	D	1.3	4.9
sec-Butylbenzene	3.6	U	1.3	5.5
4-Isopropyltoluene	3.6	U	1.3	5.5
1,3-Dichlorobenzene	1.4	J D	1.3	6.0
1,4-Dichlorobenzene	3.9	U	1.3	6.0
Benzyl chloride	3.4	U	1.2	5.2
n-Butylbenzene	3.6	U	1.5	5.5
1,2-Dichlorobenzene	3.9	U	1.4	6.0
1,2,4-Trichlorobenzene	4.8	U	1.9	19
Hexachlorobutadiene	11	U	3.5	11
Naphthalene	8.4	U	2.3	13

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0201AD**

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.63	J D	0.38	5.0
Freon 22	210	D	0.34	5.0
1,2-Dichlorotetrafluoroethane	0.80	U	0.32	2.0
Chloromethane	0.40	U	0.13	5.0
n-Butane	0.40	U	0.11	5.0
Vinyl chloride	0.80	U	0.29	2.0
1,3-Butadiene	0.40	U	0.10	2.0
Bromomethane	0.40	U	0.12	2.0
Chloroethane	0.40	U	0.16	5.0
Bromoethene(Vinyl Bromide)	0.40	U	0.19	2.0
Trichlorofluoromethane	1.3	U	0.34	2.0
Freon TF	0.40	U	0.10	2.0
1,1-Dichloroethene	0.80	U	0.30	2.0
Acetone	45	J D	0.45	50
Isopropyl alcohol	8.1	J D	0.37	50
Carbon disulfide	2.0	U	0.66	5.0
3-Chloropropene	0.40	U	0.19	5.0
Methylene Chloride	0.40	U	0.13	5.0
tert-Butyl alcohol	2.0	U	0.71	50
Methyl tert-butyl ether	0.40	U	0.16	2.0
trans-1,2-Dichloroethene	0.80	U	0.32	2.0
n-Hexane	0.80	U	0.26	2.0
1,1-Dichloroethane	1.3	U	0.35	2.0
Methyl Ethyl Ketone	0.40	U	0.17	5.0
cis-1,2-Dichloroethene	0.40	U	0.14	2.0
1,2-Dichloroethene, Total	0.40	U	0.14	2.0
Chloroform	0.80	U	0.31	2.0
Tetrahydrofuran	0.40	U	0.18	50
1,1,1-Trichloroethane	1.3	U	0.35	2.0
Cyclohexane	1.3	U	0.39	2.0
Carbon tetrachloride	1.3	U	0.33	2.0
2,2,4-Trimethylpentane	0.44	J D	0.36	2.0
Benzene	0.40	U	0.18	2.0
1,2-Dichloroethane	0.80	U	0.31	2.0
n-Heptane	0.40	U	0.10	2.0
Trichloroethene	0.77	J D	0.30	2.0
Methyl methacrylate	0.40	U	0.13	5.0
1,2-Dichloropropane	0.40	U	0.14	2.0
1,4-Dioxane	3.2	U	0.88	50
Bromodichloromethane	0.80	U	0.28	2.0
cis-1,3-Dichloropropene	0.40	U	0.16	2.0
methyl isobutyl ketone	0.80	U	0.26	5.0
Toluene	1.3	J D	0.18	2.0
trans-1,3-Dichloropropene	0.80	U	0.20	2.0
1,1,2-Trichloroethane	0.40	U	0.19	2.0
Tetrachloroethene	0.40	U	0.11	2.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0201AD**

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.39	5.0
Dibromochloromethane	0.80	U	0.21	2.0
1,2-Dibromoethane	0.40	U	0.18	2.0
Chlorobenzene	0.80	U	0.20	2.0
Ethylbenzene	0.43	J D	0.22	2.0
m,p-Xylene	1.3	J D	0.48	5.0
Xylene, o-	0.82	J D	0.22	2.0
Xylene (total)	2.1	D	0.22	2.0
Styrene	0.80	U	0.30	2.0
Bromoform	0.40	U	0.19	2.0
Cumene	0.80	U	0.31	2.0
1,1,2,2-Tetrachloroethane	1.3	U	0.40	2.0
n-Propylbenzene	2.0	U	0.50	2.0
4-Ethyltoluene	1.3	U	0.46	2.0
1,3,5-Trimethylbenzene	1.3	U	0.51	2.0
2-Chlorotoluene	1.3	U	0.47	2.0
tert-Butylbenzene	1.3	U	0.47	2.0
1,2,4-Trimethylbenzene	1.2	J D	0.52	2.0
sec-Butylbenzene	1.3	U	0.47	2.0
4-Isopropyltoluene	1.3	U	0.48	2.0
1,3-Dichlorobenzene	1.3	U	0.44	2.0
1,4-Dichlorobenzene	1.3	U	0.44	2.0
Benzyl chloride	1.3	U	0.46	2.0
n-Butylbenzene	1.3	U	0.55	2.0
1,2-Dichlorobenzene	1.3	U	0.48	2.0
1,2,4-Trichlorobenzene	1.3	U	0.50	5.0
Hexachlorobutadiene	2.0	U	0.65	2.0
Naphthalene	3.2	U	0.86	5.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1	J D	1.9	25
Freon 22	750	D	1.2	18
1,2-Dichlorotetrafluoroethane	5.6	U	2.2	14
Chloromethane	0.83	U	0.27	10
n-Butane	0.95	U	0.26	12
Vinyl chloride	2.0	U	0.74	5.1
1,3-Butadiene	0.88	U	0.22	4.4
Bromomethane	1.6	U	0.47	7.8
Chloroethane	1.1	U	0.42	13
Bromoethene(Vinyl Bromide)	1.7	U	0.83	8.7
Trichlorofluoromethane	7.3	U	1.9	11
Freon TF	3.1	U	0.77	15
1,1-Dichloroethene	3.2	U	1.2	7.9
Acetone	110	J D	1.1	120
Isopropyl alcohol	20	J D	0.91	120
Carbon disulfide	6.2	U	2.1	16

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0201AD**

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	0.59	16
Methylene Chloride	1.4	U	0.45	17
tert-Butyl alcohol	6.1	U	2.2	150
Methyl tert-butyl ether	1.4	U	0.58	7.2
trans-1,2-Dichloroethene	3.2	U	1.3	7.9
n-Hexane	2.8	U	0.92	7.0
1,1-Dichloroethane	5.3	U	1.4	8.1
Methyl Ethyl Ketone	1.2	U	0.50	15
cis-1,2-Dichloroethene	1.6	U	0.56	7.9
1,2-Dichloroethene, Total	1.6	U	0.56	7.9
Chloroform	3.9	U	1.5	9.8
Tetrahydrofuran	1.2	U	0.53	150
1,1,1-Trichloroethane	7.1	U	1.9	11
Cyclohexane	4.5	U	1.3	6.9
Carbon tetrachloride	8.2	U	2.1	13
2,2,4-Trimethylpentane	2.1	J D	1.7	9.3
Benzene	1.3	U	0.58	6.4
1,2-Dichloroethane	3.2	U	1.3	8.1
n-Heptane	1.6	U	0.41	8.2
Trichloroethene	4.2	J D	1.6	11
Methyl methacrylate	1.6	U	0.53	20
1,2-Dichloropropane	1.8	U	0.65	9.2
1,4-Dioxane	12	U	3.2	180
Bromodichloromethane	5.4	U	1.9	13
cis-1,3-Dichloropropene	1.8	U	0.73	9.1
methyl isobutyl ketone	3.3	U	1.1	20
Toluene	4.8	J D	0.68	7.5
trans-1,3-Dichloropropene	3.6	U	0.91	9.1
1,1,2-Trichloroethane	2.2	U	1.0	11
Tetrachloroethene	2.7	U	0.75	14
Methyl Butyl Ketone (2-Hexanone)	5.3	U	1.6	20
Dibromochloromethane	6.8	U	1.8	17
1,2-Dibromoethane	3.1	U	1.4	15
Chlorobenzene	3.7	U	0.92	9.2
Ethylbenzene	1.9	J D	0.96	8.7
m,p-Xylene	5.5	J D	2.1	22
Xylene, o-	3.6	J D	0.96	8.7
Xylene (total)	9.1	D	0.96	8.7
Styrene	3.4	U	1.3	8.5
Bromoform	4.1	U	2.0	21
Cumene	3.9	U	1.5	9.8
1,1,2,2-Tetrachloroethane	8.9	U	2.7	14
n-Propylbenzene	9.8	U	2.5	9.8
4-Ethyltoluene	6.4	U	2.3	9.8
1,3,5-Trimethylbenzene	6.4	U	2.5	9.8
2-Chlorotoluene	6.7	U	2.4	10

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0201AD**

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	7.1	U	2.6	11
1,2,4-Trimethylbenzene	6.0	J D	2.6	9.8
sec-Butylbenzene	7.1	U	2.6	11
4-Isopropyltoluene	7.1	U	2.6	11
1,3-Dichlorobenzene	7.8	U	2.6	12
1,4-Dichlorobenzene	7.8	U	2.6	12
Benzyl chloride	6.7	U	2.4	10
n-Butylbenzene	7.1	U	3.0	11
1,2-Dichlorobenzene	7.8	U	2.9	12
1,2,4-Trichlorobenzene	9.6	U	3.7	37
Hexachlorobutadiene	21	U	6.9	21
Naphthalene	17	U	4.5	26

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0301AD**

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.70	J D M	0.38	5.0
Freon 22	250	D	0.34	5.0
1,2-Dichlorotetrafluoroethane	0.80	U	0.32	2.0
Chloromethane	0.40	U	0.13	5.0
n-Butane	0.40	U	0.11	5.0
Vinyl chloride	0.80	U	0.29	2.0
1,3-Butadiene	0.40	U	0.10	2.0
Bromomethane	0.40	U	0.12	2.0
Chloroethane	0.40	U	0.16	5.0
Bromoethene(Vinyl Bromide)	0.40	U	0.19	2.0
Trichlorofluoromethane	3.8	D	0.34	2.0
Freon TF	0.40	U	0.10	2.0
1,1-Dichloroethene	0.80	U	0.30	2.0
Acetone	13	J D	0.45	50
Isopropyl alcohol	10	J D	0.37	50
Carbon disulfide	2.0	U	0.66	5.0
3-Chloropropene	0.40	U	0.19	5.0
Methylene Chloride	0.40	U	0.13	5.0
tert-Butyl alcohol	2.0	U	0.71	50
Methyl tert-butyl ether	0.40	U	0.16	2.0
trans-1,2-Dichloroethene	0.80	U	0.32	2.0
n-Hexane	0.80	U	0.26	2.0
1,1-Dichloroethane	1.3	U	0.35	2.0
Methyl Ethyl Ketone	2.6	J D	0.17	5.0
cis-1,2-Dichloroethene	0.40	U	0.14	2.0
1,2-Dichloroethene, Total	0.40	U	0.14	2.0
Chloroform	0.80	U	0.31	2.0
Tetrahydrofuran	4.0	J D	0.18	50
1,1,1-Trichloroethane	1.3	U	0.35	2.0
Cyclohexane	1.3	U	0.39	2.0
Carbon tetrachloride	1.3	U	0.33	2.0
2,2,4-Trimethylpentane	1.3	U	0.36	2.0
Benzene	0.40	U	0.18	2.0
1,2-Dichloroethane	0.80	U	0.31	2.0
n-Heptane	0.40	U	0.10	2.0
Trichloroethene	0.80	U	0.30	2.0
Methyl methacrylate	0.40	U	0.13	5.0
1,2-Dichloropropane	0.40	U	0.14	2.0
1,4-Dioxane	3.2	U	0.88	50
Bromodichloromethane	0.80	U	0.28	2.0
cis-1,3-Dichloropropene	0.40	U	0.16	2.0
methyl isobutyl ketone	0.80	U	0.26	5.0
Toluene	0.33	J D	0.18	2.0
trans-1,3-Dichloropropene	0.80	U	0.20	2.0
1,1,2-Trichloroethane	0.40	U	0.19	2.0
Tetrachloroethene	0.40	U	0.11	2.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0301AD**

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.39	5.0
Dibromochloromethane	0.80	U	0.21	2.0
1,2-Dibromoethane	0.40	U	0.18	2.0
Chlorobenzene	0.80	U	0.20	2.0
Ethylbenzene	0.80	U	0.22	2.0
m,p-Xylene	1.6	U	0.48	5.0
Xylene, o-	0.80	U	0.22	2.0
Xylene (total)	0.80	U	0.22	2.0
Styrene	0.80	U	0.30	2.0
Bromoform	0.40	U	0.19	2.0
Cumene	0.80	U	0.31	2.0
1,1,2,2-Tetrachloroethane	1.3	U	0.40	2.0
n-Propylbenzene	2.0	U	0.50	2.0
4-Ethyltoluene	1.3	U	0.46	2.0
1,3,5-Trimethylbenzene	1.3	U	0.51	2.0
2-Chlorotoluene	1.3	U	0.47	2.0
tert-Butylbenzene	1.3	U	0.47	2.0
1,2,4-Trimethylbenzene	1.3	U	0.52	2.0
sec-Butylbenzene	1.3	U	0.47	2.0
4-Isopropyltoluene	1.3	U	0.48	2.0
1,3-Dichlorobenzene	1.3	U	0.44	2.0
1,4-Dichlorobenzene	1.3	U	0.44	2.0
Benzyl chloride	1.3	U	0.46	2.0
n-Butylbenzene	1.3	U	0.55	2.0
1,2-Dichlorobenzene	1.3	U	0.48	2.0
1,2,4-Trichlorobenzene	1.3	U	0.50	5.0
Hexachlorobutadiene	2.0	U	0.65	2.0
Naphthalene	3.2	U	0.86	5.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.5	J D M	1.9	25
Freon 22	880	D	1.2	18
1,2-Dichlorotetrafluoroethane	5.6	U	2.2	14
Chloromethane	0.83	U	0.27	10
n-Butane	0.95	U	0.26	12
Vinyl chloride	2.0	U	0.74	5.1
1,3-Butadiene	0.88	U	0.22	4.4
Bromomethane	1.6	U	0.47	7.8
Chloroethane	1.1	U	0.42	13
Bromoethene(Vinyl Bromide)	1.7	U	0.83	8.7
Trichlorofluoromethane	21	D	1.9	11
Freon TF	3.1	U	0.77	15
1,1-Dichloroethene	3.2	U	1.2	7.9
Acetone	30	J D	1.1	120
Isopropyl alcohol	25	J D	0.91	120
Carbon disulfide	6.2	U	2.1	16

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0301AD**

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	0.59	16
Methylene Chloride	1.4	U	0.45	17
tert-Butyl alcohol	6.1	U	2.2	150
Methyl tert-butyl ether	1.4	U	0.58	7.2
trans-1,2-Dichloroethene	3.2	U	1.3	7.9
n-Hexane	2.8	U	0.92	7.0
1,1-Dichloroethane	5.3	U	1.4	8.1
Methyl Ethyl Ketone	7.6	J D	0.50	15
cis-1,2-Dichloroethene	1.6	U	0.56	7.9
1,2-Dichloroethene, Total	1.6	U	0.56	7.9
Chloroform	3.9	U	1.5	9.8
Tetrahydrofuran	12	J D	0.53	150
1,1,1-Trichloroethane	7.1	U	1.9	11
Cyclohexane	4.5	U	1.3	6.9
Carbon tetrachloride	8.2	U	2.1	13
2,2,4-Trimethylpentane	6.1	U	1.7	9.3
Benzene	1.3	U	0.58	6.4
1,2-Dichloroethane	3.2	U	1.3	8.1
n-Heptane	1.6	U	0.41	8.2
Trichloroethene	4.3	U	1.6	11
Methyl methacrylate	1.6	U	0.53	20
1,2-Dichloropropane	1.8	U	0.65	9.2
1,4-Dioxane	12	U	3.2	180
Bromodichloromethane	5.4	U	1.9	13
cis-1,3-Dichloropropene	1.8	U	0.73	9.1
methyl isobutyl ketone	3.3	U	1.1	20
Toluene	1.3	J D	0.68	7.5
trans-1,3-Dichloropropene	3.6	U	0.91	9.1
1,1,2-Trichloroethane	2.2	U	1.0	11
Tetrachloroethene	2.7	U	0.75	14
Methyl Butyl Ketone (2-Hexanone)	5.3	U	1.6	20
Dibromochloromethane	6.8	U	1.8	17
1,2-Dibromoethane	3.1	U	1.4	15
Chlorobenzene	3.7	U	0.92	9.2
Ethylbenzene	3.5	U	0.96	8.7
m,p-Xylene	6.9	U	2.1	22
Xylene, o-	3.5	U	0.96	8.7
Xylene (total)	3.5	U	0.96	8.7
Styrene	3.4	U	1.3	8.5
Bromoform	4.1	U	2.0	21
Cumene	3.9	U	1.5	9.8
1,1,2,2-Tetrachloroethane	8.9	U	2.7	14
n-Propylbenzene	9.8	U	2.5	9.8
4-Ethyltoluene	6.4	U	2.3	9.8
1,3,5-Trimethylbenzene	6.4	U	2.5	9.8
2-Chlorotoluene	6.7	U	2.4	10

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0301AD**

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	7.1	U	2.6	11
1,2,4-Trimethylbenzene	6.4	U	2.6	9.8
sec-Butylbenzene	7.1	U	2.6	11
4-Isopropyltoluene	7.1	U	2.6	11
1,3-Dichlorobenzene	7.8	U	2.6	12
1,4-Dichlorobenzene	7.8	U	2.6	12
Benzyl chloride	6.7	U	2.4	10
n-Butylbenzene	7.1	U	3.0	11
1,2-Dichlorobenzene	7.8	U	2.9	12
1,2,4-Trichlorobenzene	9.6	U	3.7	37
Hexachlorobutadiene	21	U	6.9	21
Naphthalene	17	U	4.5	26

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0101AD**

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.038	0.50
Freon 22	3.3		0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.33	J M	0.013	0.50
n-Butane	1.0		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.034	0.20
Freon TF	0.091	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	9.7		0.045	5.0
Isopropyl alcohol	20		0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J M	0.013	0.50
tert-Butyl alcohol	0.41	J	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.11	J M	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	2.0		0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.055	J	0.031	0.20
Tetrahydrofuran	3.4	J	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.34		0.039	0.20
Carbon tetrachloride	0.084	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.16	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.066	J	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.11	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0101AD**

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.054	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.054	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	12		0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.67	J M	0.027	1.0
n-Butane	2.4		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.70	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	23		0.11	12
Isopropyl alcohol	49		0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0101AD**

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.49	J M	0.045	1.7
tert-Butyl alcohol	1.3	J	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.38	J M	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	5.9		0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.27	J	0.15	0.98
Tetrahydrofuran	9.9	J	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	1.2		0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.52	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.36	J	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.40	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.23	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.23	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0101AD**

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0201AD**

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.63		0.038	0.50
Freon 22	4.6	M	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.41	J	0.013	0.50
n-Butane	1.3		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.28		0.034	0.20
Freon TF	0.15	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	8.3		0.045	5.0
Isopropyl alcohol	17		0.037	5.0
Carbon disulfide	0.20	J	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.16	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.15	J	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.40	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.062	J	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.42		0.039	0.20
Carbon tetrachloride	0.084	J	0.033	0.20
2,2,4-Trimethylpentane	0.051	J	0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.093	J	0.010	0.20
Trichloroethene	0.56		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.11	J	0.026	0.50
Toluene	0.37		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0201AD**

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.028	J	0.020	0.20
Ethylbenzene	0.17	J	0.022	0.20
m,p-Xylene	0.44	J	0.048	0.50
Xylene, o-	0.18	J	0.022	0.20
Xylene (total)	0.62		0.022	0.20
Styrene	0.10	J	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.089	J	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1		0.19	2.5
Freon 22	16	M	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.85	J	0.027	1.0
n-Butane	3.2		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.6		0.19	1.1
Freon TF	1.2	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	20		0.11	12
Isopropyl alcohol	41		0.091	12
Carbon disulfide	0.64	J	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0201AD**

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.55	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.53	J	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	1.2	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.30	J	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	1.4		0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.24	J	0.17	0.93
Benzene	0.65		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.38	J	0.041	0.82
Trichloroethene	3.0		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.44	J	0.11	2.0
Toluene	1.4		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.13	J	0.092	0.92
Ethylbenzene	0.75	J	0.096	0.87
m,p-Xylene	1.9	J	0.21	2.2
Xylene, o-	0.79	J	0.096	0.87
Xylene (total)	2.7		0.096	0.87
Styrene	0.44	J	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0201AD**

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.49	J	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0301AD**

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.59		0.038	0.50
Freon 22	1.8		0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.72		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.034	0.20
Freon TF	0.078	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	14		0.045	5.0
Isopropyl alcohol	11		0.037	5.0
Carbon disulfide	1.9		0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.21		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.86		0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.14	J	0.031	0.20
Tetrahydrofuran	0.28	J	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.36		0.039	0.20
Carbon tetrachloride	0.080	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.13	J	0.018	0.20
1,2-Dichloroethane	0.066	J	0.031	0.20
n-Heptane	0.088	J	0.010	0.20
Trichloroethene	2.5		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.20	J	0.026	0.50
Toluene	0.31		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0301AD**

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.15	J	0.022	0.20
m,p-Xylene	0.38	J	0.048	0.50
Xylene, o-	0.16	J	0.022	0.20
Xylene (total)	0.55		0.022	0.20
Styrene	0.061	J	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.12	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.053	J	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.097	J	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	6.3		0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	1.7		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.60	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	34		0.11	12
Isopropyl alcohol	28		0.091	12
Carbon disulfide	6.0		0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0301AD**

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.50	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.72		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	2.6		0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.68	J	0.15	0.98
Tetrahydrofuran	0.81	J	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	1.2		0.13	0.69
Carbon tetrachloride	0.51	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.40	J	0.058	0.64
1,2-Dichloroethane	0.27	J	0.13	0.81
n-Heptane	0.36	J	0.041	0.82
Trichloroethene	13		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.83	J	0.11	2.0
Toluene	1.2		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.64	J	0.096	0.87
m,p-Xylene	1.7	J	0.21	2.2
Xylene, o-	0.70	J	0.096	0.87
Xylene (total)	2.4		0.096	0.87
Styrene	0.26	J	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0301AD**

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.61	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.29	J	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	0.51	J	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774IA1AG**

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52	U	0.15	2.0
Freon 22	98		0.14	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.13	0.80
Chloromethane	0.81	J M	0.052	2.0
n-Butane	0.16	U	0.044	2.0
Vinyl chloride	0.32	U	0.12	0.80
1,3-Butadiene	0.16	U	0.040	0.80
Bromomethane	0.16	U	0.048	0.80
Chloroethane	0.16	U	0.064	2.0
Bromoethene(Vinyl Bromide)	0.16	U	0.076	0.80
Trichlorofluoromethane	1.6		0.14	0.80
Freon TF	0.16	U	0.040	0.80
1,1-Dichloroethene	0.32	U	0.12	0.80
Acetone	12	J	0.18	20
Isopropyl alcohol	12	J	0.15	20
Carbon disulfide	0.80	U	0.26	2.0
3-Chloropropene	0.16	U	0.076	2.0
Methylene Chloride	0.16	U	0.052	2.0
tert-Butyl alcohol	0.80	U	0.28	20
Methyl tert-butyl ether	0.16	U	0.064	0.80
trans-1,2-Dichloroethene	0.32	U	0.13	0.80
n-Hexane	0.32	U	0.10	0.80
1,1-Dichloroethane	0.52	U	0.14	0.80
Methyl Ethyl Ketone	0.86	J M	0.068	2.0
cis-1,2-Dichloroethene	0.16	U	0.056	0.80
1,2-Dichloroethene, Total	0.16	U	0.056	0.80
Chloroform	0.32	U	0.12	0.80
Tetrahydrofuran	0.16	U	0.072	20
1,1,1-Trichloroethane	0.52	U	0.14	0.80
Cyclohexane	0.52	U	0.16	0.80
Carbon tetrachloride	0.52	U	0.13	0.80
2,2,4-Trimethylpentane	0.52	U	0.14	0.80
Benzene	0.16	U	0.072	0.80
1,2-Dichloroethane	0.32	U	0.12	0.80
n-Heptane	0.16	U	0.040	0.80
Trichloroethene	0.27	J	0.12	0.80
Methyl methacrylate	0.16	U	0.052	2.0
1,2-Dichloropropane	0.16	U	0.056	0.80
1,4-Dioxane	1.3	U	0.35	20
Bromodichloromethane	0.32	U	0.11	0.80
cis-1,3-Dichloropropene	0.16	U	0.064	0.80
methyl isobutyl ketone	0.32	U	0.10	2.0
Toluene	0.20	J	0.072	0.80
trans-1,3-Dichloropropene	0.32	U	0.080	0.80
1,1,2-Trichloroethane	0.16	U	0.076	0.80
Tetrachloroethene	0.16	U	0.044	0.80

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774IA1AG**

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.52	U	0.16	2.0
Dibromochloromethane	0.32	U	0.084	0.80
1,2-Dibromoethane	0.16	U	0.072	0.80
Chlorobenzene	0.32	U	0.080	0.80
Ethylbenzene	0.32	U	0.088	0.80
m,p-Xylene	0.64	U	0.19	2.0
Xylene, o-	0.32	U	0.088	0.80
Xylene (total)	0.32	U	0.088	0.80
Styrene	0.32	U	0.12	0.80
Bromoform	0.16	U	0.076	0.80
Cumene	0.32	U	0.12	0.80
1,1,2,2-Tetrachloroethane	0.52	U	0.16	0.80
n-Propylbenzene	0.80	U	0.20	0.80
4-Ethyltoluene	0.52	U	0.18	0.80
1,3,5-Trimethylbenzene	0.52	U	0.20	0.80
2-Chlorotoluene	0.52	U	0.19	0.80
tert-Butylbenzene	0.52	U	0.19	0.80
1,2,4-Trimethylbenzene	0.52	U	0.21	0.80
sec-Butylbenzene	0.52	U	0.19	0.80
4-Isopropyltoluene	0.52	U	0.19	0.80
1,3-Dichlorobenzene	0.52	U	0.18	0.80
1,4-Dichlorobenzene	0.52	U	0.18	0.80
Benzyl chloride	0.52	U	0.18	0.80
n-Butylbenzene	0.52	U	0.22	0.80
1,2-Dichlorobenzene	0.52	U	0.19	0.80
1,2,4-Trichlorobenzene	0.52	U	0.20	2.0
Hexachlorobutadiene	0.80	U	0.26	0.80
Naphthalene	1.3	U	0.34	2.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6	U	0.75	9.9
Freon 22	350		0.48	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	0.89	5.6
Chloromethane	1.7	J M	0.11	4.1
n-Butane	0.38	U	0.10	4.8
Vinyl chloride	0.82	U	0.30	2.0
1,3-Butadiene	0.35	U	0.088	1.8
Bromomethane	0.62	U	0.19	3.1
Chloroethane	0.42	U	0.17	5.3
Bromoethene(Vinyl Bromide)	0.70	U	0.33	3.5
Trichlorofluoromethane	8.9		0.76	4.5
Freon TF	1.2	U	0.31	6.1
1,1-Dichloroethene	1.3	U	0.48	3.2
Acetone	28	J	0.43	48
Isopropyl alcohol	29	J	0.36	49
Carbon disulfide	2.5	U	0.82	6.2

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774IA1AG**

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.50	U	0.24	6.3
Methylene Chloride	0.56	U	0.18	6.9
tert-Butyl alcohol	2.4	U	0.86	61
Methyl tert-butyl ether	0.58	U	0.23	2.9
trans-1,2-Dichloroethene	1.3	U	0.51	3.2
n-Hexane	1.1	U	0.37	2.8
1,1-Dichloroethane	2.1	U	0.57	3.2
Methyl Ethyl Ketone	2.5	J M	0.20	5.9
cis-1,2-Dichloroethene	0.63	U	0.22	3.2
1,2-Dichloroethene, Total	0.63	U	0.22	3.2
Chloroform	1.6	U	0.61	3.9
Tetrahydrofuran	0.47	U	0.21	59
1,1,1-Trichloroethane	2.8	U	0.76	4.4
Cyclohexane	1.8	U	0.54	2.8
Carbon tetrachloride	3.3	U	0.83	5.0
2,2,4-Trimethylpentane	2.4	U	0.67	3.7
Benzene	0.51	U	0.23	2.6
1,2-Dichloroethane	1.3	U	0.50	3.2
n-Heptane	0.66	U	0.16	3.3
Trichloroethene	1.5	J	0.64	4.3
Methyl methacrylate	0.66	U	0.21	8.2
1,2-Dichloropropane	0.74	U	0.26	3.7
1,4-Dioxane	4.6	U	1.3	72
Bromodichloromethane	2.1	U	0.75	5.4
cis-1,3-Dichloropropene	0.73	U	0.29	3.6
methyl isobutyl ketone	1.3	U	0.43	8.2
Toluene	0.76	J	0.27	3.0
trans-1,3-Dichloropropene	1.5	U	0.36	3.6
1,1,2-Trichloroethane	0.87	U	0.41	4.4
Tetrachloroethene	1.1	U	0.30	5.4
Methyl Butyl Ketone (2-Hexanone)	2.1	U	0.64	8.2
Dibromochloromethane	2.7	U	0.72	6.8
1,2-Dibromoethane	1.2	U	0.55	6.1
Chlorobenzene	1.5	U	0.37	3.7
Ethylbenzene	1.4	U	0.38	3.5
m,p-Xylene	2.8	U	0.83	8.7
Xylene, o-	1.4	U	0.38	3.5
Xylene (total)	1.4	U	0.38	3.5
Styrene	1.4	U	0.51	3.4
Bromoform	1.7	U	0.79	8.3
Cumene	1.6	U	0.61	3.9
1,1,2,2-Tetrachloroethane	3.6	U	1.1	5.5
n-Propylbenzene	3.9	U	0.98	3.9
4-Ethyltoluene	2.6	U	0.90	3.9
1,3,5-Trimethylbenzene	2.6	U	1.0	3.9
2-Chlorotoluene	2.7	U	0.97	4.1

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774IA1AG**

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	2.9	U	1.0	4.4
1,2,4-Trimethylbenzene	2.6	U	1.0	3.9
sec-Butylbenzene	2.9	U	1.0	4.4
4-Isopropyltoluene	2.9	U	1.1	4.4
1,3-Dichlorobenzene	3.1	U	1.1	4.8
1,4-Dichlorobenzene	3.1	U	1.1	4.8
Benzyl chloride	2.7	U	0.95	4.1
n-Butylbenzene	2.9	U	1.2	4.4
1,2-Dichlorobenzene	3.1	U	1.2	4.8
1,2,4-Trichlorobenzene	3.9	U	1.5	15
Hexachlorobutadiene	8.5	U	2.8	8.5
Naphthalene	6.7	U	1.8	10

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776OA1GA**

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.58		0.013	0.50
n-Butane	0.77		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.074	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.79	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.12	J	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.14	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.082	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.19	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776OA1GA**

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.076	J	0.048	0.50
Xylene, o-	0.028	J	0.022	0.20
Xylene (total)	0.10	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2		0.027	1.0
n-Butane	1.8		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.56	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.9	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776OA1GA**

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.50	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.42	J	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.42	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.51	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.63		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.73	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.33	J	0.21	2.2
Xylene, o-	0.12	J	0.096	0.87
Xylene (total)	0.45	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776OA1GA**

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776IA1FA**

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.65	J	0.057	0.75
Freon 22	4.2		0.051	0.75
1,2-Dichlorotetrafluoroethane	0.12	U	0.048	0.30
Chloromethane	0.70	J	0.020	0.75
n-Butane	1.0		0.017	0.75
Vinyl chloride	0.12	U	0.044	0.30
1,3-Butadiene	0.060	U	0.015	0.30
Bromomethane	0.060	U	0.018	0.30
Chloroethane	0.060	U	0.024	0.75
Bromoethene(Vinyl Bromide)	0.060	U	0.029	0.30
Trichlorofluoromethane	0.25	J	0.051	0.30
Freon TF	0.060	U	0.015	0.30
1,1-Dichloroethene	0.12	U	0.045	0.30
Acetone	7.7		0.068	7.5
Isopropyl alcohol	42		0.056	7.5
Carbon disulfide	0.30	U	0.099	0.75
3-Chloropropene	0.060	U	0.029	0.75
Methylene Chloride	0.060	U	0.020	0.75
tert-Butyl alcohol	0.19	J M	0.11	7.5
Methyl tert-butyl ether	0.060	U	0.024	0.30
trans-1,2-Dichloroethene	0.12	U	0.048	0.30
n-Hexane	0.12	U	0.039	0.30
1,1-Dichloroethane	0.20	U	0.053	0.30
Methyl Ethyl Ketone	0.29	J	0.026	0.75
cis-1,2-Dichloroethene	0.060	U	0.021	0.30
1,2-Dichloroethene, Total	0.060	U	0.021	0.30
Chloroform	0.065	J	0.047	0.30
Tetrahydrofuran	0.060	U	0.027	7.5
1,1,1-Trichloroethane	0.20	U	0.053	0.30
Cyclohexane	0.20	U	0.059	0.30
Carbon tetrachloride	0.091	J	0.050	0.30
2,2,4-Trimethylpentane	0.064	J	0.054	0.30
Benzene	0.21	J	0.027	0.30
1,2-Dichloroethane	0.12	U	0.047	0.30
n-Heptane	0.10	J	0.015	0.30
Trichloroethene	0.076	J	0.045	0.30
Methyl methacrylate	0.060	U	0.020	0.75
1,2-Dichloropropane	0.060	U	0.021	0.30
1,4-Dioxane	0.48	U	0.13	7.5
Bromodichloromethane	0.12	U	0.042	0.30
cis-1,3-Dichloropropene	0.060	U	0.024	0.30
methyl isobutyl ketone	0.20	J	0.039	0.75
Toluene	0.35		0.027	0.30
trans-1,3-Dichloropropene	0.12	U	0.030	0.30
1,1,2-Trichloroethane	0.060	U	0.029	0.30
Tetrachloroethene	0.060	U	0.017	0.30

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776IA1FA**

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.059	0.75
Dibromochloromethane	0.12	U	0.032	0.30
1,2-Dibromoethane	0.060	U	0.027	0.30
Chlorobenzene	0.12	U	0.030	0.30
Ethylbenzene	0.11	J	0.033	0.30
m,p-Xylene	0.24	J	0.072	0.75
Xylene, o-	0.11	J	0.033	0.30
Xylene (total)	0.34		0.033	0.30
Styrene	0.078	J	0.045	0.30
Bromoform	0.060	U	0.029	0.30
Cumene	0.12	U	0.047	0.30
1,1,2,2-Tetrachloroethane	0.20	U	0.060	0.30
n-Propylbenzene	0.30	U	0.075	0.30
4-Ethyltoluene	0.20	U	0.069	0.30
1,3,5-Trimethylbenzene	0.20	U	0.077	0.30
2-Chlorotoluene	0.20	U	0.071	0.30
tert-Butylbenzene	0.20	U	0.071	0.30
1,2,4-Trimethylbenzene	0.20	U	0.078	0.30
sec-Butylbenzene	0.20	U	0.071	0.30
4-Isopropyltoluene	0.20	U	0.072	0.30
1,3-Dichlorobenzene	0.20	U	0.066	0.30
1,4-Dichlorobenzene	0.20	U	0.066	0.30
Benzyl chloride	0.20	U	0.069	0.30
n-Butylbenzene	0.20	U	0.083	0.30
1,2-Dichlorobenzene	0.20	U	0.072	0.30
1,2,4-Trichlorobenzene	0.20	U	0.075	0.75
Hexachlorobutadiene	0.30	U	0.098	0.30
Naphthalene	0.14	J	0.13	0.75

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.2	J	0.28	3.7
Freon 22	15		0.18	2.7
1,2-Dichlorotetrafluoroethane	0.84	U	0.34	2.1
Chloromethane	1.4	J	0.040	1.5
n-Butane	2.4		0.039	1.8
Vinyl chloride	0.31	U	0.11	0.77
1,3-Butadiene	0.13	U	0.033	0.66
Bromomethane	0.23	U	0.070	1.2
Chloroethane	0.16	U	0.063	2.0
Bromoethene(Vinyl Bromide)	0.26	U	0.12	1.3
Trichlorofluoromethane	1.4	J	0.29	1.7
Freon TF	0.46	U	0.11	2.3
1,1-Dichloroethene	0.48	U	0.18	1.2
Acetone	18		0.16	18
Isopropyl alcohol	100		0.14	18
Carbon disulfide	0.93	U	0.31	2.3

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776IA1FA**

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.19	U	0.089	2.3
Methylene Chloride	0.21	U	0.068	2.6
tert-Butyl alcohol	0.56	J M	0.32	23
Methyl tert-butyl ether	0.22	U	0.087	1.1
trans-1,2-Dichloroethene	0.48	U	0.19	1.2
n-Hexane	0.42	U	0.14	1.1
1,1-Dichloroethane	0.79	U	0.21	1.2
Methyl Ethyl Ketone	0.84	J	0.075	2.2
cis-1,2-Dichloroethene	0.24	U	0.083	1.2
1,2-Dichloroethene, Total	0.24	U	0.083	1.2
Chloroform	0.32	J	0.23	1.5
Tetrahydrofuran	0.18	U	0.080	22
1,1,1-Trichloroethane	1.1	U	0.29	1.6
Cyclohexane	0.67	U	0.20	1.0
Carbon tetrachloride	0.57	J	0.31	1.9
2,2,4-Trimethylpentane	0.30	J	0.25	1.4
Benzene	0.67	J	0.086	0.96
1,2-Dichloroethane	0.49	U	0.19	1.2
n-Heptane	0.43	J	0.061	1.2
Trichloroethene	0.41	J	0.24	1.6
Methyl methacrylate	0.25	U	0.080	3.1
1,2-Dichloropropane	0.28	U	0.097	1.4
1,4-Dioxane	1.7	U	0.48	27
Bromodichloromethane	0.80	U	0.28	2.0
cis-1,3-Dichloropropene	0.27	U	0.11	1.4
methyl isobutyl ketone	0.83	J	0.16	3.1
Toluene	1.3		0.10	1.1
trans-1,3-Dichloropropene	0.54	U	0.14	1.4
1,1,2-Trichloroethane	0.33	U	0.16	1.6
Tetrachloroethene	0.41	U	0.11	2.0
Methyl Butyl Ketone (2-Hexanone)	0.80	U	0.24	3.1
Dibromochloromethane	1.0	U	0.27	2.6
1,2-Dibromoethane	0.46	U	0.21	2.3
Chlorobenzene	0.55	U	0.14	1.4
Ethylbenzene	0.47	J	0.14	1.3
m,p-Xylene	1.0	J	0.31	3.3
Xylene, o-	0.46	J	0.14	1.3
Xylene (total)	1.5		0.14	1.3
Styrene	0.33	J	0.19	1.3
Bromoform	0.62	U	0.29	3.1
Cumene	0.59	U	0.23	1.5
1,1,2,2-Tetrachloroethane	1.3	U	0.41	2.1
n-Propylbenzene	1.5	U	0.37	1.5
4-Ethyltoluene	0.96	U	0.34	1.5
1,3,5-Trimethylbenzene	0.96	U	0.38	1.5
2-Chlorotoluene	1.0	U	0.37	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776IA1FA**

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	1.1	U	0.39	1.6
1,2,4-Trimethylbenzene	0.96	U	0.38	1.5
sec-Butylbenzene	1.1	U	0.39	1.6
4-Isopropyltoluene	1.1	U	0.40	1.6
1,3-Dichlorobenzene	1.2	U	0.40	1.8
1,4-Dichlorobenzene	1.2	U	0.40	1.8
Benzyl chloride	1.0	U	0.36	1.6
n-Butylbenzene	1.1	U	0.45	1.6
1,2-Dichlorobenzene	1.2	U	0.43	1.8
1,2,4-Trichlorobenzene	1.4	U	0.56	5.6
Hexachlorobutadiene	3.2	U	1.0	3.2
Naphthalene	0.71	J	0.68	3.9

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.23		0.034	0.20
Freon TF	0.084	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	1.4	J	0.045	5.0
Isopropyl alcohol	0.44	J M	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	2.8		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.19	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.82		0.039	0.20
Carbon tetrachloride	0.069	J	0.033	0.20
2,2,4-Trimethylpentane	0.42		0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	1.0		0.010	0.20
Trichloroethene	2.4		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.85		0.026	0.50
Toluene	0.16	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.36		0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.074	J	0.048	0.50
Xylene, o-	0.025	J	0.022	0.20
Xylene (total)	0.099	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.19	1.1
Freon TF	0.64	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	3.3	J	0.11	12
Isopropyl alcohol	1.1	J M	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	10		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.55	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	2.8		0.13	0.69
Carbon tetrachloride	0.43	J	0.21	1.3
2,2,4-Trimethylpentane	1.9		0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	4.1		0.041	0.82
Trichloroethene	13		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	3.5		0.11	2.0
Toluene	0.61	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	2.4		0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.32	J	0.21	2.2
Xylene, o-	0.11	J	0.096	0.87
Xylene (total)	0.43	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.038	0.50
Freon 22	0.27	J	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.070	J M	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.51	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J	0.013	0.50
tert-Butyl alcohol	0.16	J	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.41		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.076	J	0.033	0.20
2,2,4-Trimethylpentane	0.052	J	0.036	0.20
Benzene	0.077	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.097	J	0.010	0.20
Trichloroethene	0.36		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.99		0.026	0.50
Toluene	0.16	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.093	J	0.022	0.20
m,p-Xylene	0.32	J	0.048	0.50
Xylene, o-	0.087	J	0.022	0.20
Xylene (total)	0.41		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.068	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.19	2.5
Freon 22	0.97	J	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.54	J M	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.2	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.50	J	0.045	1.7
tert-Butyl alcohol	0.47	J	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.5		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.48	J	0.21	1.3
2,2,4-Trimethylpentane	0.24	J	0.17	0.93
Benzene	0.25	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.40	J	0.041	0.82
Trichloroethene	1.9		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	4.0		0.11	2.0
Toluene	0.62	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.40	J	0.096	0.87
m,p-Xylene	1.4	J	0.21	2.2
Xylene, o-	0.38	J	0.096	0.87
Xylene (total)	1.8		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.33	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776CA01AF**

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.1	J D	0.19	2.5
Freon 22	91	D	0.17	2.5
1,2-Dichlorotetrafluoroethane	0.40	U	0.16	1.0
Chloromethane	0.20	U	0.065	2.5
n-Butane	1.2	J D	0.055	2.5
Vinyl chloride	0.40	U	0.15	1.0
1,3-Butadiene	0.20	U	0.050	1.0
Bromomethane	0.20	U	0.060	1.0
Chloroethane	0.20	U	0.080	2.5
Bromoethene(Vinyl Bromide)	0.20	U	0.095	1.0
Trichlorofluoromethane	7.0	D	0.17	1.0
Freon TF	0.20	U	0.050	1.0
1,1-Dichloroethene	0.40	U	0.15	1.0
Acetone	6.8	J D	0.23	25
Isopropyl alcohol	0.65	U	0.19	25
Carbon disulfide	1.0	U	0.33	2.5
3-Chloropropene	0.20	U	0.095	2.5
Methylene Chloride	0.20	U	0.065	2.5
tert-Butyl alcohol	1.0	U	0.36	25
Methyl tert-butyl ether	0.20	U	0.080	1.0
trans-1,2-Dichloroethene	0.40	U	0.16	1.0
n-Hexane	0.40	U	0.13	1.0
1,1-Dichloroethane	0.65	U	0.18	1.0
Methyl Ethyl Ketone	1.6	J D	0.085	2.5
cis-1,2-Dichloroethene	0.20	U	0.070	1.0
1,2-Dichloroethene, Total	0.20	U	0.070	1.0
Chloroform	0.73	J D	0.16	1.0
Tetrahydrofuran	0.20	U	0.090	25
1,1,1-Trichloroethane	0.91	J D	0.18	1.0
Cyclohexane	0.65	U	0.20	1.0
Carbon tetrachloride	0.65	U	0.17	1.0
2,2,4-Trimethylpentane	0.65	U	0.18	1.0
Benzene	0.57	J D	0.090	1.0
1,2-Dichloroethane	0.40	U	0.16	1.0
n-Heptane	0.46	J D	0.050	1.0
Trichloroethene	57	D	0.15	1.0
Methyl methacrylate	0.20	U	0.065	2.5
1,2-Dichloropropane	0.20	U	0.070	1.0
1,4-Dioxane	1.6	U	0.44	25
Bromodichloromethane	0.40	U	0.14	1.0
cis-1,3-Dichloropropene	0.20	U	0.080	1.0
methyl isobutyl ketone	0.40	U	0.13	2.5
Toluene	0.22	J D	0.090	1.0
trans-1,3-Dichloropropene	0.40	U	0.10	1.0
1,1,2-Trichloroethane	0.20	U	0.095	1.0
Tetrachloroethene	0.20	U	0.055	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776CA01AF**

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.65	U	0.20	2.5
Dibromochloromethane	0.40	U	0.11	1.0
1,2-Dibromoethane	0.20	U	0.090	1.0
Chlorobenzene	0.40	U	0.10	1.0
Ethylbenzene	0.40	U	0.11	1.0
m,p-Xylene	0.80	U	0.24	2.5
Xylene, o-	0.40	U	0.11	1.0
Xylene (total)	0.40	U	0.11	1.0
Styrene	0.40	U	0.15	1.0
Bromoform	0.20	U	0.095	1.0
Cumene	0.40	U	0.16	1.0
1,1,2,2-Tetrachloroethane	0.65	U	0.20	1.0
n-Propylbenzene	1.0	U	0.25	1.0
4-Ethyltoluene	0.65	U	0.23	1.0
1,3,5-Trimethylbenzene	0.65	U	0.26	1.0
2-Chlorotoluene	0.65	U	0.24	1.0
tert-Butylbenzene	0.65	U	0.24	1.0
1,2,4-Trimethylbenzene	0.65	U	0.26	1.0
sec-Butylbenzene	0.65	U	0.24	1.0
4-Isopropyltoluene	0.65	U	0.24	1.0
1,3-Dichlorobenzene	0.65	U	0.22	1.0
1,4-Dichlorobenzene	0.65	U	0.22	1.0
Benzyl chloride	0.65	U	0.23	1.0
n-Butylbenzene	0.65	U	0.28	1.0
1,2-Dichlorobenzene	0.65	U	0.24	1.0
1,2,4-Trichlorobenzene	0.65	U	0.25	2.5
Hexachlorobutadiene	1.0	U	0.33	1.0
Naphthalene	1.6	U	0.43	2.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	11	J D	0.94	12
Freon 22	320	D	0.60	8.8
1,2-Dichlorotetrafluoroethane	2.8	U	1.1	7.0
Chloromethane	0.41	U	0.13	5.2
n-Butane	2.9	J D	0.13	5.9
Vinyl chloride	1.0	U	0.37	2.6
1,3-Butadiene	0.44	U	0.11	2.2
Bromomethane	0.78	U	0.23	3.9
Chloroethane	0.53	U	0.21	6.6
Bromoethene(Vinyl Bromide)	0.87	U	0.42	4.4
Trichlorofluoromethane	40	D	0.96	5.6
Freon TF	1.5	U	0.38	7.7
1,1-Dichloroethene	1.6	U	0.59	4.0
Acetone	16	J D	0.53	59
Isopropyl alcohol	1.6	U	0.45	61
Carbon disulfide	3.1	U	1.0	7.8

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776CA01AF**

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.30	7.8
Methylene Chloride	0.69	U	0.23	8.7
tert-Butyl alcohol	3.0	U	1.1	76
Methyl tert-butyl ether	0.72	U	0.29	3.6
trans-1,2-Dichloroethene	1.6	U	0.63	4.0
n-Hexane	1.4	U	0.46	3.5
1,1-Dichloroethane	2.6	U	0.71	4.0
Methyl Ethyl Ketone	4.8	J D	0.25	7.4
cis-1,2-Dichloroethene	0.79	U	0.28	4.0
1,2-Dichloroethene, Total	0.79	U	0.28	4.0
Chloroform	3.6	J D	0.76	4.9
Tetrahydrofuran	0.59	U	0.27	74
1,1,1-Trichloroethane	5.0	J D	0.95	5.5
Cyclohexane	2.2	U	0.67	3.4
Carbon tetrachloride	4.1	U	1.0	6.3
2,2,4-Trimethylpentane	3.0	U	0.84	4.7
Benzene	1.8	J D	0.29	3.2
1,2-Dichloroethane	1.6	U	0.63	4.0
n-Heptane	1.9	J D	0.20	4.1
Trichloroethene	300	D	0.81	5.4
Methyl methacrylate	0.82	U	0.27	10
1,2-Dichloropropane	0.92	U	0.32	4.6
1,4-Dioxane	5.8	U	1.6	90
Bromodichloromethane	2.7	U	0.94	6.7
cis-1,3-Dichloropropene	0.91	U	0.36	4.5
methyl isobutyl ketone	1.6	U	0.53	10
Toluene	0.83	J D	0.34	3.8
trans-1,3-Dichloropropene	1.8	U	0.45	4.5
1,1,2-Trichloroethane	1.1	U	0.52	5.5
Tetrachloroethene	1.4	U	0.37	6.8
Methyl Butyl Ketone (2-Hexanone)	2.7	U	0.80	10
Dibromochloromethane	3.4	U	0.89	8.5
1,2-Dibromoethane	1.5	U	0.69	7.7
Chlorobenzene	1.8	U	0.46	4.6
Ethylbenzene	1.7	U	0.48	4.3
m,p-Xylene	3.5	U	1.0	11
Xylene, o-	1.7	U	0.48	4.3
Xylene (total)	1.7	U	0.48	4.3
Styrene	1.7	U	0.64	4.3
Bromoform	2.1	U	0.98	10
Cumene	2.0	U	0.76	4.9
1,1,2,2-Tetrachloroethane	4.5	U	1.4	6.9
n-Propylbenzene	4.9	U	1.2	4.9
4-Ethyltoluene	3.2	U	1.1	4.9
1,3,5-Trimethylbenzene	3.2	U	1.3	4.9
2-Chlorotoluene	3.4	U	1.2	5.2

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776CA01AF**

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	3.6	U	1.3	5.5
1,2,4-Trimethylbenzene	3.2	U	1.3	4.9
sec-Butylbenzene	3.6	U	1.3	5.5
4-Isopropyltoluene	3.6	U	1.3	5.5
1,3-Dichlorobenzene	3.9	U	1.3	6.0
1,4-Dichlorobenzene	3.9	U	1.3	6.0
Benzyl chloride	3.4	U	1.2	5.2
n-Butylbenzene	3.6	U	1.5	5.5
1,2-Dichlorobenzene	3.9	U	1.4	6.0
1,2,4-Trichlorobenzene	4.8	U	1.9	19
Hexachlorobutadiene	11	U	3.5	11
Naphthalene	8.4	U	2.3	13

Client: FPM Remediations Inc | Job Number: 280-25116-1

Client Sample ID: **785786CA01AD**

Lab Sample ID: 280-25116-14 | Date Sampled: 01/24/2012 1020
Client Matrix: Air | Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	1.2		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.034	0.20
Freon TF	0.068	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.52	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.16	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.43		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.091	J	0.017	0.50
cis-1,2-Dichloroethene	0.14	J	0.014	0.20
1,2-Dichloroethene, Total	0.14	J	0.014	0.20
Chloroform	0.33		0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.059	J	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.076	J	0.033	0.20
2,2,4-Trimethylpentane	1.7		0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.76		0.010	0.20
Trichloroethene	26		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.12	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	1.7		0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **785786CA01AD**

Lab Sample ID: 280-25116-14
Client Matrix: Air

Date Sampled: 01/24/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.069	J	0.022	0.20
m,p-Xylene	0.23	J	0.048	0.50
Xylene, o-	0.070	J	0.022	0.20
Xylene (total)	0.30		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.054	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	2.8		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.52	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.2	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **785786CA01AD**

Lab Sample ID: 280-25116-14
Client Matrix: Air

Date Sampled: 01/24/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.54	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.5		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.27	J	0.050	1.5
cis-1,2-Dichloroethene	0.56	J	0.056	0.79
1,2-Dichloroethene, Total	0.56	J	0.056	0.79
Chloroform	1.6		0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.32	J	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.48	J	0.21	1.3
2,2,4-Trimethylpentane	7.9		0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	3.1		0.041	0.82
Trichloroethene	140		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.44	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	11		0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.30	J	0.096	0.87
m,p-Xylene	0.98	J	0.21	2.2
Xylene, o-	0.30	J	0.096	0.87
Xylene (total)	1.3		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **785786CA01AD**

Lab Sample ID: 280-25116-14
Client Matrix: Air

Date Sampled: 01/24/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.26	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.13	U	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.040	U	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.31	U	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.15	U	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.279	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.040	U	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.011	0.20
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.0562	J	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.66	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.15	U	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.42	J	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Control Sample - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33356/4	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1145	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1145			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.9	109	70 - 130	
Freon 22	10.0	9.99	100	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.2	102	70 - 130	
Chloromethane	10.0	9.62	96	70 - 130	
n-Butane	10.0	9.16	92	70 - 130	
Vinyl chloride	10.0	9.61	96	70 - 130	
1,3-Butadiene	10.0	9.72	97	70 - 130	
Bromomethane	10.0	9.19	92	70 - 130	
Chloroethane	10.0	8.88	89	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.75	98	70 - 130	
Trichlorofluoromethane	10.0	10.8	108	70 - 130	
Freon TF	10.0	10.7	107	70 - 130	
1,1-Dichloroethene	10.0	10.6	106	70 - 130	
Acetone	10.0	10.3	103	70 - 130	
Isopropyl alcohol	10.0	10.1	101	70 - 130	
Carbon disulfide	10.0	9.70	97	70 - 130	
3-Chloropropene	10.0	8.97	90	70 - 130	M
Methylene Chloride	10.0	10.2	102	70 - 130	
tert-Butyl alcohol	10.0	10.3	103	70 - 130	
Methyl tert-butyl ether	10.0	10.7	107	70 - 130	
trans-1,2-Dichloroethene	10.0	9.74	97	70 - 130	
n-Hexane	10.0	9.44	94	70 - 130	
1,1-Dichloroethane	10.0	9.99	100	70 - 130	
Methyl Ethyl Ketone	10.0	9.77	98	70 - 130	
cis-1,2-Dichloroethene	10.0	9.80	98	70 - 130	
Chloroform	10.0	10.5	105	70 - 130	
Tetrahydrofuran	10.0	10.4	104	70 - 130	
1,1,1-Trichloroethane	10.0	11.0	110	70 - 130	
Cyclohexane	10.0	9.62	96	70 - 130	
Carbon tetrachloride	10.0	11.3	113	70 - 130	
2,2,4-Trimethylpentane	10.0	9.81	98	70 - 130	
Benzene	10.0	9.63	96	70 - 130	
1,2-Dichloroethane	10.0	10.7	107	70 - 130	
n-Heptane	10.0	9.71	97	70 - 130	
Trichloroethene	10.0	9.97	100	70 - 130	
Methyl methacrylate	10.0	10.3	103	70 - 130	
1,2-Dichloropropane	10.0	9.61	96	70 - 130	
1,4-Dioxane	10.0	9.56	96	70 - 130	
Bromodichloromethane	10.0	11.2	112	70 - 130	
cis-1,3-Dichloropropene	10.0	10.2	102	70 - 130	
methyl isobutyl ketone	10.0	10.9	109	70 - 130	
Toluene	10.0	9.37	94	70 - 130	
trans-1,3-Dichloropropene	10.0	10.4	104	70 - 130	
1,1,2-Trichloroethane	10.0	9.41	94	70 - 130	
Tetrachloroethene	10.0	9.15	91	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5	105	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Control Sample - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33356/4	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1145	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1145			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	11.0	110	70 - 130	
1,2-Dibromoethane	10.0	9.62	96	70 - 130	
Chlorobenzene	10.0	9.40	94	70 - 130	
Ethylbenzene	10.0	10.1	101	70 - 130	
m,p-Xylene	20.0	19.4	97	70 - 130	
Xylene, o-	10.0	9.76	98	70 - 130	
Styrene	10.0	9.94	99	70 - 130	
Bromoform	10.0	10.7	107	70 - 130	
Cumene	10.0	10.5	105	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.68	97	70 - 130	
n-Propylbenzene	10.0	10.6	106	70 - 130	
4-Ethyltoluene	10.0	10.9	109	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.6	106	70 - 130	
2-Chlorotoluene	10.0	10.7	107	70 - 130	
tert-Butylbenzene	10.0	10.8	108	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130	
sec-Butylbenzene	10.0	10.8	108	70 - 130	
4-Isopropyltoluene	10.0	10.9	109	70 - 130	
1,3-Dichlorobenzene	10.0	9.69	97	70 - 130	
1,4-Dichlorobenzene	10.0	9.57	96	70 - 130	
Benzyl chloride	10.0	11.2	112	70 - 130	
n-Butylbenzene	10.0	11.3	113	70 - 130	
1,2-Dichlorobenzene	10.0	9.50	95	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.26	93	70 - 130	
Hexachlorobutadiene	10.0	9.25	93	70 - 130	
Naphthalene	10.0	9.83	98	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.13	U	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.040	U	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.011	0.20
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.31	U	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.15	U	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1

Client: FPM Remediations Inc

Job Number: 280-25116-1

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Control Sample - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33381/3	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1221	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1221			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.4	114	70 - 130	
Freon 22	10.0	10.3	103	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.3	103	70 - 130	
Chloromethane	10.0	9.78	98	70 - 130	
n-Butane	10.0	9.34	93	70 - 130	
Vinyl chloride	10.0	9.63	96	70 - 130	
1,3-Butadiene	10.0	9.93	99	70 - 130	
Bromomethane	10.0	9.32	93	70 - 130	
Chloroethane	10.0	9.10	91	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.91	99	70 - 130	
Trichlorofluoromethane	10.0	11.4	114	70 - 130	
Freon TF	10.0	11.4	114	70 - 130	
1,1-Dichloroethene	10.0	11.2	112	70 - 130	
Acetone	10.0	10.4	104	70 - 130	
Isopropyl alcohol	10.0	10.8	108	70 - 130	
Carbon disulfide	10.0	10.1	101	70 - 130	
3-Chloropropene	10.0	9.88	99	70 - 130	M
Methylene Chloride	10.0	10.9	109	70 - 130	
tert-Butyl alcohol	10.0	10.9	109	70 - 130	
Methyl tert-butyl ether	10.0	10.7	107	70 - 130	
trans-1,2-Dichloroethene	10.0	10.5	105	70 - 130	
n-Hexane	10.0	10.0	100	70 - 130	
1,1-Dichloroethane	10.0	10.5	105	70 - 130	
Methyl Ethyl Ketone	10.0	9.58	96	70 - 130	
cis-1,2-Dichloroethene	10.0	10.2	102	70 - 130	
Chloroform	10.0	11.0	110	70 - 130	
Tetrahydrofuran	10.0	9.90	99	70 - 130	
1,1,1-Trichloroethane	10.0	11.5	115	70 - 130	
Cyclohexane	10.0	9.94	99	70 - 130	
Carbon tetrachloride	10.0	11.8	118	70 - 130	
2,2,4-Trimethylpentane	10.0	10.0	100	70 - 130	
Benzene	10.0	9.78	98	70 - 130	
1,2-Dichloroethane	10.0	11.3	113	70 - 130	
n-Heptane	10.0	10.0	101	70 - 130	
Trichloroethene	10.0	10.5	105	70 - 130	
Methyl methacrylate	10.0	10.0	100	70 - 130	
1,2-Dichloropropane	10.0	9.70	97	70 - 130	
1,4-Dioxane	10.0	9.91	99	70 - 130	
Bromodichloromethane	10.0	11.5	115	70 - 130	
cis-1,3-Dichloropropene	10.0	10.2	102	70 - 130	
methyl isobutyl ketone	10.0	10.7	107	70 - 130	
Toluene	10.0	9.60	96	70 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130	
1,1,2-Trichloroethane	10.0	9.59	96	70 - 130	
Tetrachloroethene	10.0	9.56	96	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Control Sample - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33381/3	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1221	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1221			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	10.0	100	70 - 130	
Chlorobenzene	10.0	9.62	96	70 - 130	
Ethylbenzene	10.0	10.2	102	70 - 130	
m,p-Xylene	20.0	19.5	97	70 - 130	
Xylene, o-	10.0	9.89	99	70 - 130	
Styrene	10.0	10.0	100	70 - 130	
Bromoform	10.0	11.1	111	70 - 130	
Cumene	10.0	10.7	107	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.86	99	70 - 130	
n-Propylbenzene	10.0	10.8	108	70 - 130	
4-Ethyltoluene	10.0	11.0	110	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.8	108	70 - 130	
2-Chlorotoluene	10.0	10.9	109	70 - 130	
tert-Butylbenzene	10.0	11.0	110	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.7	107	70 - 130	
sec-Butylbenzene	10.0	11.0	110	70 - 130	
4-Isopropyltoluene	10.0	11.0	110	70 - 130	
1,3-Dichlorobenzene	10.0	9.83	98	70 - 130	
1,4-Dichlorobenzene	10.0	9.75	97	70 - 130	
Benzyl chloride	10.0	11.2	112	70 - 130	
n-Butylbenzene	10.0	11.4	114	70 - 130	
1,2-Dichlorobenzene	10.0	9.63	96	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.47	95	70 - 130	
Hexachlorobutadiene	10.0	9.46	95	70 - 130	
Naphthalene	10.0	10.0	100	70 - 130	

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-25116-1

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

Client: FPM Remediations Inc

Job Number: 280-25116-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-33356					
LCS 200-33356/4	Lab Control Sample	T	Air	TO-15	
MB 200-33356/5	Method Blank	T	Air	TO-15	
280-25116-1	774VMP0101AD	T	Air	TO-15	
280-25116-2	774VMP0201AD	T	Air	TO-15	
280-25116-3	774VMP0301AD	T	Air	TO-15	
280-25116-4	776VMP0101AD	T	Air	TO-15	
280-25116-5	776VMP0201AD	T	Air	TO-15	
280-25116-6	776VMP0301AD	T	Air	TO-15	
280-25116-8	774776OA1GA	T	Air	TO-15	
280-25116-10	786VMP0102AD	T	Air	TO-15	
280-25116-12	786VMP0302AD	T	Air	TO-15	
280-25116-13	774776CA01AF	T	Air	TO-15	
280-25116-14	785786CA01AD	T	Air	TO-15	
280-25116-15TB	TRIP BLANK	T	Air	TO-15	
Analysis Batch:200-33381					
LCS 200-33381/3	Lab Control Sample	T	Air	TO-15	
MB 200-33381/4	Method Blank	T	Air	TO-15	
280-25116-7	774IA1AG	T	Air	TO-15	
280-25116-9	776IA1FA	T	Air	TO-15	

Report Basis

T = Total

Client: FPM Remediations Inc

Job Number: 280-25116-1

Laboratory Chronicle

Lab ID: 280-25116-1 **Client ID:** 774VMP0101AD

Sample Date/Time: 01/25/2012 10:05 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-1		200-33356		02/06/2012 15:06	5	TAL BUR	WRD
A:TO-15	280-25116-A-1		200-33356		02/06/2012 15:06	5	TAL BUR	WRD

Lab ID: 280-25116-2 **Client ID:** 774VMP0201AD

Sample Date/Time: 01/25/2012 10:10 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-2		200-33356		02/06/2012 15:57	10	TAL BUR	WRD
A:TO-15	280-25116-A-2		200-33356		02/06/2012 15:57	10	TAL BUR	WRD

Lab ID: 280-25116-3 **Client ID:** 774VMP0301AD

Sample Date/Time: 01/26/2012 10:20 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-3		200-33356		02/06/2012 16:47	10	TAL BUR	WRD
A:TO-15	280-25116-A-3		200-33356		02/06/2012 16:47	10	TAL BUR	WRD

Lab ID: 280-25116-4 **Client ID:** 776VMP0101AD

Sample Date/Time: 01/25/2012 11:50 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-4		200-33356		02/06/2012 17:37	1	TAL BUR	WRD
A:TO-15	280-25116-A-4		200-33356		02/06/2012 17:37	1	TAL BUR	WRD

Lab ID: 280-25116-5 **Client ID:** 776VMP0201AD

Sample Date/Time: 01/25/2012 11:40 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-5		200-33356		02/06/2012 18:27	1	TAL BUR	WRD
A:TO-15	280-25116-A-5		200-33356		02/06/2012 18:27	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-25116-1

Laboratory Chronicle

Lab ID: 280-25116-6 **Client ID:** 776VMP0301AD

Sample Date/Time: 01/25/2012 12:00 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-6		200-33356		02/06/2012 19:17	1	TAL BUR	WRD
A:TO-15	280-25116-A-6		200-33356		02/06/2012 19:17	1	TAL BUR	WRD

Lab ID: 280-25116-7 **Client ID:** 774IA1AG

Sample Date/Time: 01/25/2012 12:35 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-7		200-33381		02/08/2012 09:10	4	TAL BUR	AHK
A:TO-15	280-25116-A-7		200-33381		02/08/2012 09:10	4	TAL BUR	AHK

Lab ID: 280-25116-8 **Client ID:** 774776OA1GA

Sample Date/Time: 01/25/2012 12:10 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-8		200-33356		02/06/2012 20:57	1	TAL BUR	WRD
A:TO-15	280-25116-A-8		200-33356		02/06/2012 20:57	1	TAL BUR	WRD

Lab ID: 280-25116-9 **Client ID:** 776IA1FA

Sample Date/Time: 01/25/2012 12:55 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-9		200-33381		02/08/2012 02:30	1.5	TAL BUR	AHK
A:TO-15	280-25116-A-9		200-33381		02/08/2012 02:30	1.5	TAL BUR	AHK

Lab ID: 280-25116-10 **Client ID:** 786VMP0102AD

Sample Date/Time: 01/27/2012 11:30 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-10		200-33356		02/06/2012 22:37	1	TAL BUR	WRD
A:TO-15	280-25116-A-10		200-33356		02/06/2012 22:37	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-25116-1

Laboratory Chronicle

Lab ID: 280-25116-12 **Client ID:** 786VMP0302AD

Sample Date/Time: 01/27/2012 11:20 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-12		200-33356		02/06/2012 23:27	1	TAL BUR	WRD
A:TO-15	280-25116-A-12		200-33356		02/06/2012 23:27	1	TAL BUR	WRD

Lab ID: 280-25116-13 **Client ID:** 774776CA01AF

Sample Date/Time: 01/24/2012 09:30 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-13		200-33356		02/07/2012 00:17	5	TAL BUR	WRD
A:TO-15	280-25116-A-13		200-33356		02/07/2012 00:17	5	TAL BUR	WRD

Lab ID: 280-25116-14 **Client ID:** 785786CA01AD

Sample Date/Time: 01/24/2012 10:20 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-14		200-33356		02/07/2012 01:06	1	TAL BUR	WRD
A:TO-15	280-25116-A-14		200-33356		02/07/2012 01:06	1	TAL BUR	WRD

Lab ID: 280-25116-15 **Client ID:** TRIP BLANK

Sample Date/Time: 01/27/2012 17:00 Received Date/Time: 01/30/2012 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25116-A-15		200-33356		02/07/2012 01:56	1	TAL BUR	WRD
A:TO-15	280-25116-A-15		200-33356		02/07/2012 01:56	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 200-33356/5		200-33356		02/06/2012 12:35	1	TAL BUR	WRD
A:TO-15	MB 200-33356/5		200-33356		02/06/2012 12:35	1	TAL BUR	WRD
P:Summa Canister	MB 200-33381/4		200-33381		02/07/2012 13:10	1	TAL BUR	AHK
A:TO-15	MB 200-33381/4		200-33381		02/07/2012 13:10	1	TAL BUR	AHK

Client: FPM Remediations Inc

Job Number: 280-25116-1

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 200-33356/4		200-33356		02/06/2012 11:45	1	TAL BUR	WRD
A:TO-15	LCS 200-33356/4		200-33356		02/06/2012 11:45	1	TAL BUR	WRD
P:Summa Canister	LCS 200-33381/3		200-33381		02/07/2012 12:21	1	TAL BUR	AHK
A:TO-15	LCS 200-33381/3		200-33381		02/07/2012 12:21	1	TAL BUR	AHK

Lab References:

TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00054	01/13/12	12/07/11	DI WATER, Lot 2969	15.463 L	ATTO15CAL6w_00042	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
							Bromodichloromethane	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	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
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00042	01/13/12	12/06/11	DI WATER, Lot 2887	15.463 L	ATTO15CALSTKi_00028	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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	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_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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
							1,2,4-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.: 280-25116-1

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	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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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	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_00049	01/13/12	12/07/11	DI WATER, Lot 3308	15.463 L	ATTO15CAL6w_00042	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00021	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00042	01/13/12	12/06/11	DI WATER, Lot 2887	15.463 L	ATTO15CALSTKi_00028	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
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							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
							Ethyl ether	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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-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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00063	04/03/12	01/10/12	DI WATER, Lot 2518	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00023	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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	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
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00008	12/07/12		Spectra Gases, Lot cc-25015			(Purchased Reagent)	1,1,1-Trichloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.ATTO15EthCALw_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00173	04/03/12	01/10/12	DI WATER, Lot 3642	15.463 L	ATTO15CALSTKi_00029	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							1,2,4-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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
..ATTO15CALs_00008	12/07/12		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
							1,2,4-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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
ATTO15CAL4w_00174	04/03/12	01/10/12	DI WATER, Lot 3640	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-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-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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	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
							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.: 280-25116-1

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
							trans-1,3-Dichloropropene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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, o-	9.99806 ppb v/v
					ATTO15EthCALw_00023	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00008	12/07/12	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
							Cumene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.ATTO15EthCALw_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL5w_00021	01/13/12	12/06/11	DI WATER, Lot 3503	15.463 L	ATTO15CALSTKi_00028	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	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_00021	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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, o-	200 ppb v/v
..ATTO15CALs_00008	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00043	01/13/12	12/06/11	DI WATER, Lot 3643	15.463 L	ATTO15CALSTKi_00028	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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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	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
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							n-Nonane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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_00021	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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-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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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	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
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00023	04/03/12	01/10/12	DI WATER, Lot 3631	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	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
							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.: 280-25116-1

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
							Methylene Chloride	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00023	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

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
							1,2,3-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
							Freon 22	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12	SIGMA, Lot 05796KM			(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_00166	02/29/12	12/14/11	DI WATER, Lot 4947	15.463 L	ATTO15LCSSTKi_00025	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.: 280-25116-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00025	02/29/12	11/30/11	DI WATER, Lot 4985	37.5 L	ATTO15LCSs_00010	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00010	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00169	03/13/12	01/27/12	DI WATER, Lot 5015	15.463 L	ATTO15LCSSTKi_00026	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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00026	04/05/12	01/05/12	DI WATER, Lot 1014	37.5 L	ATTO15LCSs_00010	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00010	12/07/12		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
							Isopropyl alcohol	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	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

Certification Summary

Client: FPM Remediations Inc
Project/Site: Griffiss AFB 1015-11-01 SVI

TestAmerica Job ID: 280-25116-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	Delaware	Delaware DNREC	3	NA
TestAmerica Burlington	Florida	NELAC Secondary AB	4	E87467
TestAmerica Burlington	Louisiana	NELAC Secondary AB	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	State Program	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	USDA		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC Secondary AB	3	460209

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

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknq004.d

Lab ID: LCS 200-33356/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.9	109	70-130	
Freon 22	10.0	9.99	100	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.2	102	70-130	
Chloromethane	10.0	9.62	96	70-130	
n-Butane	10.0	9.16	92	70-130	
Vinyl chloride	10.0	9.61	96	70-130	
1,3-Butadiene	10.0	9.72	97	70-130	
Bromomethane	10.0	9.19	92	70-130	
Chloroethane	10.0	8.88	89	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.75	98	70-130	
Trichlorofluoromethane	10.0	10.8	108	70-130	
Freon TF	10.0	10.7	107	70-130	
1,1-Dichloroethene	10.0	10.6	106	70-130	
Acetone	10.0	10.3	103	70-130	
Isopropyl alcohol	10.0	10.1	101	70-130	
Carbon disulfide	10.0	9.70	97	70-130	
3-Chloropropene	10.0	8.97	90	70-130	M
Methylene Chloride	10.0	10.2	102	70-130	
tert-Butyl alcohol	10.0	10.3	103	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	9.74	97	70-130	
n-Hexane	10.0	9.44	94	70-130	
1,1-Dichloroethane	10.0	9.99	100	70-130	
Methyl Ethyl Ketone	10.0	9.77	98	70-130	
cis-1,2-Dichloroethene	10.0	9.80	98	70-130	
Chloroform	10.0	10.5	105	70-130	
Tetrahydrofuran	10.0	10.4	104	70-130	
1,1,1-Trichloroethane	10.0	11.0	110	70-130	
Cyclohexane	10.0	9.62	96	70-130	
Carbon tetrachloride	10.0	11.3	113	70-130	
2,2,4-Trimethylpentane	10.0	9.81	98	70-130	
Benzene	10.0	9.63	96	70-130	
1,2-Dichloroethane	10.0	10.7	107	70-130	
n-Heptane	10.0	9.71	97	70-130	
Trichloroethene	10.0	9.97	100	70-130	
Methyl methacrylate	10.0	10.3	103	70-130	
1,2-Dichloropropane	10.0	9.61	96	70-130	
1,4-Dioxane	10.0	9.56	96	70-130	
Bromodichloromethane	10.0	11.2	112	70-130	
cis-1,3-Dichloropropene	10.0	10.2	102	70-130	
methyl isobutyl ketone	10.0	10.9	109	70-130	
Toluene	10.0	9.37	94	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.: 280-25116-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknq004.d

Lab ID: LCS 200-33356/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.4	104	70-130	
1,1,2-Trichloroethane	10.0	9.41	94	70-130	
Tetrachloroethene	10.0	9.15	91	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5	105	70-130	
Dibromochloromethane	10.0	11.0	110	70-130	
1,2-Dibromoethane	10.0	9.62	96	70-130	
Chlorobenzene	10.0	9.40	94	70-130	
Ethylbenzene	10.0	10.1	101	70-130	
m,p-Xylene	20.0	19.4	97	70-130	
Xylene, o-	10.0	9.76	98	70-130	
Styrene	10.0	9.94	99	70-130	
Bromoform	10.0	10.7	107	70-130	
Cumene	10.0	10.5	105	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.68	97	70-130	
n-Propylbenzene	10.0	10.6	106	70-130	
4-Ethyltoluene	10.0	10.9	109	70-130	
1,3,5-Trimethylbenzene	10.0	10.6	106	70-130	
2-Chlorotoluene	10.0	10.7	107	70-130	
tert-Butylbenzene	10.0	10.8	108	70-130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70-130	
sec-Butylbenzene	10.0	10.8	108	70-130	
4-Isopropyltoluene	10.0	10.9	109	70-130	
1,3-Dichlorobenzene	10.0	9.69	97	70-130	
1,4-Dichlorobenzene	10.0	9.57	96	70-130	
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	11.3	113	70-130	
1,2-Dichlorobenzene	10.0	9.50	95	70-130	
1,2,4-Trichlorobenzene	10.0	9.26	93	70-130	
Hexachlorobutadiene	10.0	9.25	93	70-130	
Naphthalene	10.0	9.83	98	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.: 280-25116-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknr003.d

Lab ID: LCS 200-33381/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.4	114	70-130	
Freon 22	10.0	10.3	103	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.3	103	70-130	
Chloromethane	10.0	9.78	98	70-130	
n-Butane	10.0	9.34	93	70-130	
Vinyl chloride	10.0	9.63	96	70-130	
1,3-Butadiene	10.0	9.93	99	70-130	
Bromomethane	10.0	9.32	93	70-130	
Chloroethane	10.0	9.10	91	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.91	99	70-130	
Trichlorofluoromethane	10.0	11.4	114	70-130	
Freon TF	10.0	11.4	114	70-130	
1,1-Dichloroethene	10.0	11.2	112	70-130	
Acetone	10.0	10.4	104	70-130	
Isopropyl alcohol	10.0	10.8	108	70-130	
Carbon disulfide	10.0	10.1	101	70-130	
3-Chloropropene	10.0	9.88	99	70-130	M
Methylene Chloride	10.0	10.9	109	70-130	
tert-Butyl alcohol	10.0	10.9	109	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	10.5	105	70-130	
n-Hexane	10.0	10.0	100	70-130	
1,1-Dichloroethane	10.0	10.5	105	70-130	
Methyl Ethyl Ketone	10.0	9.58	96	70-130	
cis-1,2-Dichloroethene	10.0	10.2	102	70-130	
Chloroform	10.0	11.0	110	70-130	
Tetrahydrofuran	10.0	9.90	99	70-130	
1,1,1-Trichloroethane	10.0	11.5	115	70-130	
Cyclohexane	10.0	9.94	99	70-130	
Carbon tetrachloride	10.0	11.8	118	70-130	
2,2,4-Trimethylpentane	10.0	10.0	100	70-130	
Benzene	10.0	9.78	98	70-130	
1,2-Dichloroethane	10.0	11.3	113	70-130	
n-Heptane	10.0	10.0	101	70-130	
Trichloroethene	10.0	10.5	105	70-130	
Methyl methacrylate	10.0	10.0	100	70-130	
1,2-Dichloropropane	10.0	9.70	97	70-130	
1,4-Dioxane	10.0	9.91	99	70-130	
Bromodichloromethane	10.0	11.5	115	70-130	
cis-1,3-Dichloropropene	10.0	10.2	102	70-130	
methyl isobutyl ketone	10.0	10.7	107	70-130	
Toluene	10.0	9.60	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.: 280-25116-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknr003.d

Lab ID: LCS 200-33381/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	9.59	96	70-130	
Tetrachloroethene	10.0	9.56	96	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70-130	
Dibromochloromethane	10.0	11.4	114	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Chlorobenzene	10.0	9.62	96	70-130	
Ethylbenzene	10.0	10.2	102	70-130	
m,p-Xylene	20.0	19.5	97	70-130	
Xylene, o-	10.0	9.89	99	70-130	
Styrene	10.0	10.0	100	70-130	
Bromoform	10.0	11.1	111	70-130	
Cumene	10.0	10.7	107	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.86	99	70-130	
n-Propylbenzene	10.0	10.8	108	70-130	
4-Ethyltoluene	10.0	11.0	110	70-130	
1,3,5-Trimethylbenzene	10.0	10.8	108	70-130	
2-Chlorotoluene	10.0	10.9	109	70-130	
tert-Butylbenzene	10.0	11.0	110	70-130	
1,2,4-Trimethylbenzene	10.0	10.7	107	70-130	
sec-Butylbenzene	10.0	11.0	110	70-130	
4-Isopropyltoluene	10.0	11.0	110	70-130	
1,3-Dichlorobenzene	10.0	9.83	98	70-130	
1,4-Dichlorobenzene	10.0	9.75	97	70-130	
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	11.4	114	70-130	
1,2-Dichlorobenzene	10.0	9.63	96	70-130	
1,2,4-Trichlorobenzene	10.0	9.47	95	70-130	
Hexachlorobutadiene	10.0	9.46	95	70-130	
Naphthalene	10.0	10.0	100	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.: 280-25116-1

SDG No.:

Lab File ID: cknq005.d Lab Sample ID: MB 200-33356/5

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

Instrument ID: C.i Date Analyzed: 02/06/2012 12:35

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 200-33356/4	cknq004.d	02/06/2012 11:45
774VMP0101AD	280-25116-1	cknq008.d	02/06/2012 15:06
774VMP0201AD	280-25116-2	cknq009.d	02/06/2012 15:57
774VMP0301AD	280-25116-3	cknq010.d	02/06/2012 16:47
776VMP0101AD	280-25116-4	cknq011.d	02/06/2012 17:37
776VMP0201AD	280-25116-5	cknq012.d	02/06/2012 18:27
776VMP0301AD	280-25116-6	cknq013.d	02/06/2012 19:17
774776OA1GA	280-25116-8	cknq015.d	02/06/2012 20:57
786VMP0102AD	280-25116-10	cknq017.d	02/06/2012 22:37
786VMP0302AD	280-25116-12	cknq018.d	02/06/2012 23:27
774776CA01AF	280-25116-13	cknq019.d	02/07/2012 00:17
785786CA01AD	280-25116-14	cknq020.d	02/07/2012 01:06
TRIP BLANK	280-25116-15	cknq021.d	02/07/2012 01:56

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab File ID: cknr004.d Lab Sample ID: MB 200-33381/4

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

Instrument ID: C.i Date Analyzed: 02/07/2012 13:10

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 200-33381/3	cknr003.d	02/07/2012 12:21
776IA1FA	280-25116-9	cknr020.d	02/08/2012 02:30
774IA1AG	280-25116-7	cknr028.d	02/08/2012 09:10

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab File ID: ckn001.d BFB Injection Date: 01/12/2012

Instrument ID: C.i BFB Injection Time: 15:51

Analysis Batch No.: 32216

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.4	
75	30.0 - 66.0% of mass 95	48.9	
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	74.4	
175	4.0 - 9.0 % of mass 174	5.4	(7.2)1
176	93.0 - 101.0% of mass 174	71.7	(96.3)1
177	5.0 - 9.0% of mass 176	4.7	(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 200-32216/3	ckn003.d	01/12/2012	17:27
	IC 200-32216/4	ckn004.d	01/12/2012	18:17
	IC 200-32216/5	ckn005.d	01/12/2012	19:07
	ICIS 200-32216/6	ckn006.d	01/12/2012	19:56
	IC 200-32216/7	ckn007.d	01/12/2012	20:47
	IC 200-32216/8	ckn008.d	01/12/2012	21:37
	IC 200-32216/9	ckn009.d	01/12/2012	22:26
	ICV 200-32216/12	ckn012.d	01/13/2012	00:56

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab File ID: cknq001.d BFB Injection Date: 02/06/2012

Instrument ID: C.i BFB Injection Time: 09:06

Analysis Batch No.: 33356

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.8	
75	30.0 - 66.0% of mass 95	50.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.1	(0.2)1
174	50.0 - 120.0% of mass 95	76.4	
175	4.0 - 9.0 % of mass 174	5.4	(7.1)1
176	93.0 - 101.0% of mass 174	73.8	(96.6)1
177	5.0 - 9.0% of mass 176	4.8	(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 200-33356/3	cknq003.d	02/06/2012	10:54
	LCS 200-33356/4	cknq004.d	02/06/2012	11:45
	MB 200-33356/5	cknq005.d	02/06/2012	12:35
774VMP0101AD	280-25116-1	cknq008.d	02/06/2012	15:06
774VMP0201AD	280-25116-2	cknq009.d	02/06/2012	15:57
774VMP0301AD	280-25116-3	cknq010.d	02/06/2012	16:47
776VMP0101AD	280-25116-4	cknq011.d	02/06/2012	17:37
776VMP0201AD	280-25116-5	cknq012.d	02/06/2012	18:27
776VMP0301AD	280-25116-6	cknq013.d	02/06/2012	19:17
774776OA1GA	280-25116-8	cknq015.d	02/06/2012	20:57
786VMP0102AD	280-25116-10	cknq017.d	02/06/2012	22:37
786VMP0302AD	280-25116-12	cknq018.d	02/06/2012	23:27
774776CA01AF	280-25116-13	cknq019.d	02/07/2012	00:17
785786CA01AD	280-25116-14	cknq020.d	02/07/2012	01:06
TRIP BLANK	280-25116-15	cknq021.d	02/07/2012	01:56

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab File ID: cknr001.d BFB Injection Date: 02/07/2012

Instrument ID: C.i BFB Injection Time: 10:29

Analysis Batch No.: 33381

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.0	
75	30.0 - 66.0% of mass 95	51.6	
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	(0.3)1
174	50.0 - 120.0% of mass 95	73.1	
175	4.0 - 9.0 % of mass 174	5.1	(6.9)1
176	93.0 - 101.0% of mass 174	70.1	(95.9)1
177	5.0 - 9.0% of mass 176	4.6	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-33381/2	cknr002.d	02/07/2012	11:23
	LCS 200-33381/3	cknr003.d	02/07/2012	12:21
	MB 200-33381/4	cknr004.d	02/07/2012	13:10
776IA1FA	280-25116-9	cknr020.d	02/08/2012	02:30
774IA1AG	280-25116-7	cknr028.d	02/08/2012	09:10

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Sample No.: ICIS 200-32216/6 Date Analyzed: 01/12/2012 19:56

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

Lab File ID (Standard): ckn006.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		370433	11.13	2111595	12.44	1980776	16.37
UPPER LIMIT		518606	11.46	2956233	12.77	2773086	16.70
LOWER LIMIT		222260	10.80	1266957	12.11	1188466	16.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-32216/12		380296	11.12	2183812	12.44	1809282	16.37

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.: 280-25116-1

SDG No.:

Sample No.: CCVIS 200-33356/3 Date Analyzed: 02/06/2012 10:54

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

Lab File ID (Standard): cknq003.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		233603	11.10	1348834	12.43	1248833	16.34
UPPER LIMIT		327044	11.43	1888368	12.76	1748366	16.67
LOWER LIMIT		140162	10.77	809300	12.10	749300	16.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-33356/4		235456	11.11	1325829	12.43	1289338	16.34
MB 200-33356/5		209063	11.11	1227710	12.43	1123593	16.34
280-25116-1	774VMP0101AD	205535	11.10	1185725	12.43	1084254	16.34
280-25116-2	774VMP0201AD	198900	11.10	1155862	12.43	1093569	16.34
280-25116-3	774VMP0301AD	191659	11.11	1102374	12.43	1028161	16.34
280-25116-4	776VMP0101AD	199085	11.10	1131084	12.42	1123134	16.34
280-25116-5	776VMP0201AD	199402	11.10	1164292	12.43	1122058	16.34
280-25116-6	776VMP0301AD	193037	11.10	1142236	12.42	1102528	16.34
280-25116-8	774776OA1GA	191291	11.10	1144525	12.43	1076800	16.34
280-25116-10	786VMP0102AD	197420	11.10	1166124	12.42	1043694	16.34
280-25116-12	786VMP0302AD	191505	11.10	1119672	12.43	1026736	16.34
280-25116-13	774776CA01AF	184649	11.11	1102155	12.43	1042985	16.34
280-25116-14	785786CA01AD	192169	11.10	1115889	12.43	1101099	16.34
280-25116-15	TRIP BLANK	192114	11.10	1170824	12.43	1078910	16.34

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.: 280-25116-1

SDG No.:

Sample No.: CCVIS 200-33381/2 Date Analyzed: 02/07/2012 11:23

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

Lab File ID (Standard): cknr002.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		208104	11.10	1203563	12.43	1214820	16.34
UPPER LIMIT		291346	11.43	1684988	12.76	1700748	16.67
LOWER LIMIT		124862	10.77	722138	12.10	728892	16.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-33381/3		219191	11.10	1263993	12.43	1185517	16.34
MB 200-33381/4		208886	11.10	1243087	12.43	1181213	16.34
280-25116-9	776IA1FA	198179	11.10	1131138	12.43	1104270	16.34
280-25116-7	774IA1AG	158082	11.10	913451	12.42	860857	16.34

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.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0101AD Lab Sample ID: 280-25116-1

Matrix: Air Lab File ID: cknq008.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:05

Sample wt/vol: 40(mL) Date Analyzed: 02/06/2012 15:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.48	J D	2.5	0.19
75-45-6	Freon 22	86.47	85	D	2.5	0.17
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	1.0	0.16
74-87-3	Chloromethane	50.49	0.20	U	2.5	0.065
106-97-8	n-Butane	58.12	0.20	U	2.5	0.055
75-01-4	Vinyl chloride	62.50	0.40	U	1.0	0.15
106-99-0	1,3-Butadiene	54.09	0.20	U	1.0	0.050
74-83-9	Bromomethane	94.94	0.20	U	1.0	0.060
75-00-3	Chloroethane	64.52	0.20	U	2.5	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	1.0	0.095
75-69-4	Trichlorofluoromethane	137.37	0.33	J D M	1.0	0.17
76-13-1	Freon TF	187.38	0.20	U	1.0	0.050
75-35-4	1,1-Dichloroethene	96.94	0.40	U	1.0	0.15
67-64-1	Acetone	58.08	27	D	25	0.23
67-63-0	Isopropyl alcohol	60.10	7.0	J D	25	0.19
75-15-0	Carbon disulfide	76.14	1.0	U	2.5	0.33
107-05-1	3-Chloropropene	76.53	0.20	U	2.5	0.095
75-09-2	Methylene Chloride	84.93	0.20	U	2.5	0.065
75-65-0	tert-Butyl alcohol	74.12	1.0	U	25	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	1.0	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.40	U	1.0	0.16
110-54-3	n-Hexane	86.17	1.4	D	1.0	0.13
75-34-3	1,1-Dichloroethane	98.96	0.65	U	1.0	0.18
78-93-3	Methyl Ethyl Ketone	72.11	0.63	J D	2.5	0.085
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	1.0	0.070
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	1.0	0.070
67-66-3	Chloroform	119.38	0.40	U	1.0	0.16
109-99-9	Tetrahydrofuran	72.11	0.20	U	25	0.090
71-55-6	1,1,1-Trichloroethane	133.41	0.65	U	1.0	0.18
110-82-7	Cyclohexane	84.16	0.65	U	1.0	0.20
56-23-5	Carbon tetrachloride	153.81	0.65	U	1.0	0.17
540-84-1	2,2,4-Trimethylpentane	114.23	0.55	J D	1.0	0.18
71-43-2	Benzene	78.11	0.20	U	1.0	0.090
107-06-2	1,2-Dichloroethane	98.96	0.40	U	1.0	0.16
142-82-5	n-Heptane	100.21	0.20	U	1.0	0.050

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0101AD Lab Sample ID: 280-25116-1

Matrix: Air Lab File ID: cknq008.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:05

Sample wt/vol: 40(mL) Date Analyzed: 02/06/2012 15:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.89	J D	1.0	0.15
80-62-6	Methyl methacrylate	100.12	0.20	U	2.5	0.065
78-87-5	1,2-Dichloropropane	112.99	0.20	U	1.0	0.070
123-91-1	1,4-Dioxane	88.11	1.6	U	25	0.44
75-27-4	Bromodichloromethane	163.83	0.40	U	1.0	0.14
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	1.0	0.080
108-10-1	methyl isobutyl ketone	100.16	0.40	U	2.5	0.13
108-88-3	Toluene	92.14	1.4	D	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	1.0	0.10
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	1.0	0.095
127-18-4	Tetrachloroethene	165.83	0.20	U	1.0	0.055
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.65	U	2.5	0.20
124-48-1	Dibromochloromethane	208.29	0.40	U	1.0	0.11
106-93-4	1,2-Dibromoethane	187.87	0.20	U	1.0	0.090
108-90-7	Chlorobenzene	112.30	0.40	U	1.0	0.10
100-41-4	Ethylbenzene	106.17	0.95	J D	1.0	0.11
179601-23-1	m,p-Xylene	106.17	2.8	D	2.5	0.24
95-47-6	Xylene, o-	106.17	1.8	D	1.0	0.11
1330-20-7	Xylene (total)	106.17	4.6	D	1.0	0.11
100-42-5	Styrene	104.15	0.40	U	1.0	0.15
75-25-2	Bromoform	252.75	0.20	U	1.0	0.095
98-82-8	Cumene	120.19	0.22	J D	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.65	U	1.0	0.20
103-65-1	n-Propylbenzene	120.19	0.44	J D	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	0.66	J D M	1.0	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.65	J D	1.0	0.26
95-49-8	2-Chlorotoluene	126.59	0.65	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.65	U	1.0	0.24
95-63-6	1,2,4-Trimethylbenzene	120.20	2.3	D	1.0	0.26
135-98-8	sec-Butylbenzene	134.22	0.65	U	1.0	0.24
99-87-6	4-Isopropyltoluene	134.22	0.65	U	1.0	0.24
541-73-1	1,3-Dichlorobenzene	147.00	0.23	J D	1.0	0.22
106-46-7	1,4-Dichlorobenzene	147.00	0.65	U	1.0	0.22
100-44-7	Benzyl chloride	126.58	0.65	U	1.0	0.23
104-51-8	n-Butylbenzene	134.22	0.65	U	1.0	0.28

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0101AD Lab Sample ID: 280-25116-1

Matrix: Air Lab File ID: cknq008.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:05

Sample wt/vol: 40(mL) Date Analyzed: 02/06/2012 15:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.65	U	1.0	0.24
120-82-1	1,2,4-Trichlorobenzene	181.45	0.65	U	2.5	0.25
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.33
91-20-3	Naphthalene	128.17	1.6	U	2.5	0.43

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0101AD Lab Sample ID: 280-25116-1

Matrix: Air Lab File ID: cknq008.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:05

Sample wt/vol: 40(mL) Date Analyzed: 02/06/2012 15:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J D	12	0.94
75-45-6	Freon 22	86.47	300	D	8.8	0.60
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	7.0	1.1
74-87-3	Chloromethane	50.49	0.41	U	5.2	0.13
106-97-8	n-Butane	58.12	0.48	U	5.9	0.13
75-01-4	Vinyl chloride	62.50	1.0	U	2.6	0.37
106-99-0	1,3-Butadiene	54.09	0.44	U	2.2	0.11
74-83-9	Bromomethane	94.94	0.78	U	3.9	0.23
75-00-3	Chloroethane	64.52	0.53	U	6.6	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	4.4	0.42
75-69-4	Trichlorofluoromethane	137.37	1.9	J D M	5.6	0.96
76-13-1	Freon TF	187.38	1.5	U	7.7	0.38
75-35-4	1,1-Dichloroethene	96.94	1.6	U	4.0	0.59
67-64-1	Acetone	58.08	64	D	59	0.53
67-63-0	Isopropyl alcohol	60.10	17	J D	61	0.45
75-15-0	Carbon disulfide	76.14	3.1	U	7.8	1.0
107-05-1	3-Chloropropene	76.53	0.63	U	7.8	0.30
75-09-2	Methylene Chloride	84.93	0.69	U	8.7	0.23
75-65-0	tert-Butyl alcohol	74.12	3.0	U	76	1.1
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	3.6	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	4.0	0.63
110-54-3	n-Hexane	86.17	5.1	D	3.5	0.46
75-34-3	1,1-Dichloroethane	98.96	2.6	U	4.0	0.71
78-93-3	Methyl Ethyl Ketone	72.11	1.9	J D	7.4	0.25
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	4.0	0.28
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	4.0	0.28
67-66-3	Chloroform	119.38	2.0	U	4.9	0.76
109-99-9	Tetrahydrofuran	72.11	0.59	U	74	0.27
71-55-6	1,1,1-Trichloroethane	133.41	3.5	U	5.5	0.95
110-82-7	Cyclohexane	84.16	2.2	U	3.4	0.67
56-23-5	Carbon tetrachloride	153.81	4.1	U	6.3	1.0
540-84-1	2,2,4-Trimethylpentane	114.23	2.6	J D	4.7	0.84
71-43-2	Benzene	78.11	0.64	U	3.2	0.29
107-06-2	1,2-Dichloroethane	98.96	1.6	U	4.0	0.63
142-82-5	n-Heptane	100.21	0.82	U	4.1	0.20

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0101AD Lab Sample ID: 280-25116-1

Matrix: Air Lab File ID: cknq008.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:05

Sample wt/vol: 40(mL) Date Analyzed: 02/06/2012 15:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	4.8	J D	5.4	0.81
80-62-6	Methyl methacrylate	100.12	0.82	U	10	0.27
78-87-5	1,2-Dichloropropane	112.99	0.92	U	4.6	0.32
123-91-1	1,4-Dioxane	88.11	5.8	U	90	1.6
75-27-4	Bromodichloromethane	163.83	2.7	U	6.7	0.94
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	4.5	0.36
108-10-1	methyl isobutyl ketone	100.16	1.6	U	10	0.53
108-88-3	Toluene	92.14	5.2	D	3.8	0.34
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	4.5	0.45
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	5.5	0.52
127-18-4	Tetrachloroethene	165.83	1.4	U	6.8	0.37
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.7	U	10	0.80
124-48-1	Dibromochloromethane	208.29	3.4	U	8.5	0.89
106-93-4	1,2-Dibromoethane	187.87	1.5	U	7.7	0.69
108-90-7	Chlorobenzene	112.30	1.8	U	4.6	0.46
100-41-4	Ethylbenzene	106.17	4.1	J D	4.3	0.48
179601-23-1	m,p-Xylene	106.17	12	D	11	1.0
95-47-6	Xylene, o-	106.17	7.9	D	4.3	0.48
1330-20-7	Xylene (total)	106.17	20	D	4.3	0.48
100-42-5	Styrene	104.15	1.7	U	4.3	0.64
75-25-2	Bromoform	252.75	2.1	U	10	0.98
98-82-8	Cumene	120.19	1.1	J D	4.9	0.76
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.5	U	6.9	1.4
103-65-1	n-Propylbenzene	120.19	2.2	J D	4.9	1.2
622-96-8	4-Ethyltoluene	120.20	3.2	J D M	4.9	1.1
108-67-8	1,3,5-Trimethylbenzene	120.20	3.2	J D	4.9	1.3
95-49-8	2-Chlorotoluene	126.59	3.4	U	5.2	1.2
98-06-6	tert-Butylbenzene	134.22	3.6	U	5.5	1.3
95-63-6	1,2,4-Trimethylbenzene	120.20	12	D	4.9	1.3
135-98-8	sec-Butylbenzene	134.22	3.6	U	5.5	1.3
99-87-6	4-Isopropyltoluene	134.22	3.6	U	5.5	1.3
541-73-1	1,3-Dichlorobenzene	147.00	1.4	J D	6.0	1.3
106-46-7	1,4-Dichlorobenzene	147.00	3.9	U	6.0	1.3
100-44-7	Benzyl chloride	126.58	3.4	U	5.2	1.2
104-51-8	n-Butylbenzene	134.22	3.6	U	5.5	1.5

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0101AD Lab Sample ID: 280-25116-1

Matrix: Air Lab File ID: cknq008.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:05

Sample wt/vol: 40(mL) Date Analyzed: 02/06/2012 15:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	3.9	U	6.0	1.4
120-82-1	1,2,4-Trichlorobenzene	181.45	4.8	U	19	1.9
87-68-3	Hexachlorobutadiene	260.76	11	U	11	3.5
91-20-3	Naphthalene	128.17	8.4	U	13	2.3

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-1
Client Smp ID: 774VMP0101AD
Inj Date : 06-FEB-2012 15:06
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-1
Misc Info : 40,5,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 6
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	5.052	5.057	(0.455)	6381	0.09623	0.48(a)
3 Chlorodifluoromethane	51	5.100	5.100	(0.459)	602771	16.9407	85
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	7.144	7.149	(0.643)	4464	0.06646	0.33(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	8.211	8.211	(0.739)	179362	5.35094	27
21 Carbon disulfide	76	Compound Not Detected.					

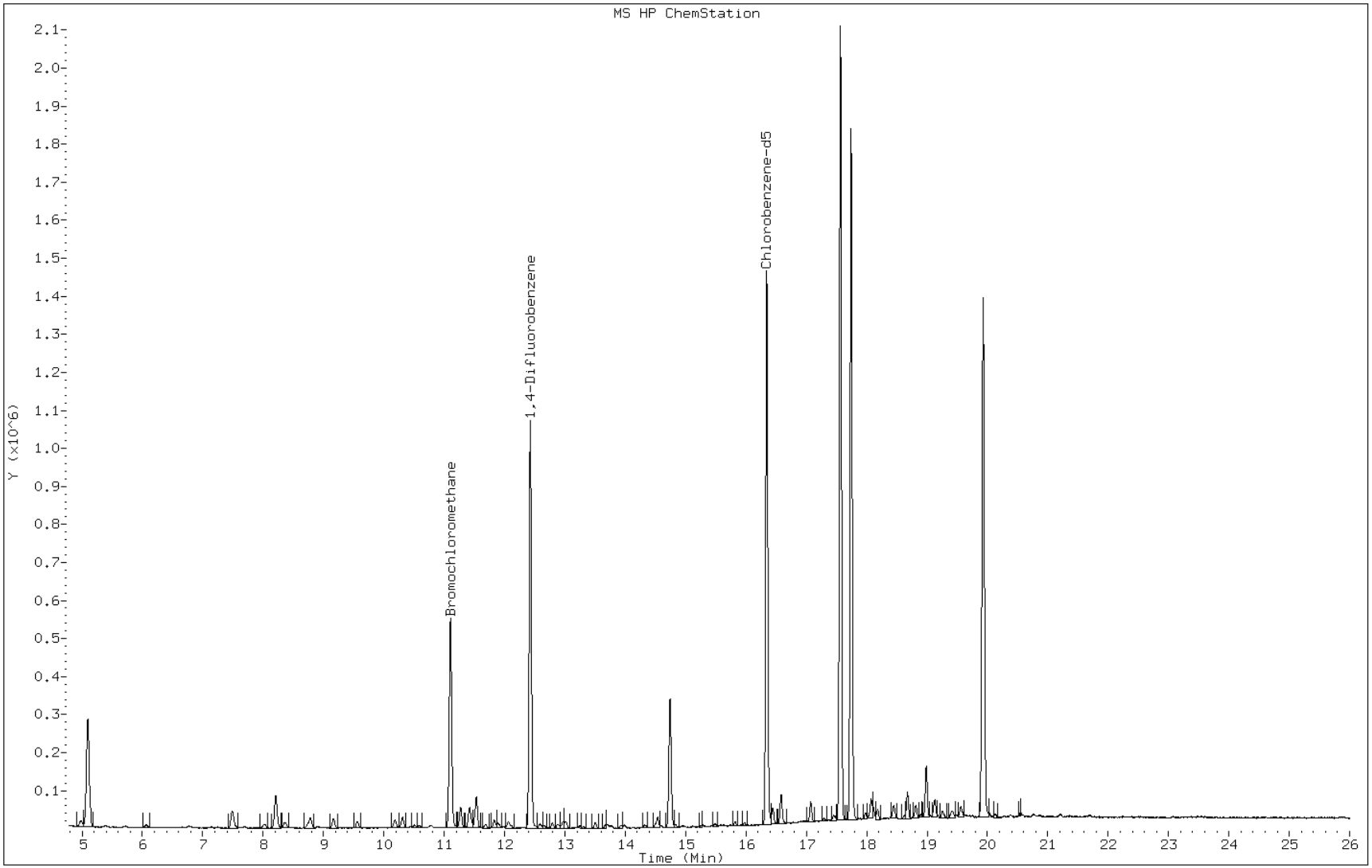
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.366	8.350	(0.753)	32107	1.39577	7.0(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.562	9.572	(0.861)	11840	0.28945	1.4
	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	10.762	10.762	(0.969)	1554	0.12651	0.63(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	205535	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	11.894	11.904	(0.957)	14571	0.10989	0.55(a)
	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	12.427	12.443	(1.000)	1185725	10.0000	
	49 Trichloroethene	95	12.796	12.812	(1.030)	6765	0.17870	0.89(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	14.536	14.557	(0.889)	16726	0.27785	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	16.345	16.366	(1.000)	1084254	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.446	16.462	(1.006)	25240	0.18940	0.95(a)
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	29089	0.55533	2.8
M	70 Xylenes, Total	106				47184	0.91746	4.6
	71 Xylene (o)	106	17.076	17.092	(1.045)	18095	0.36214	1.8
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	17.476	17.497	(1.069)	6249	0.04313	0.22(aQ)
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76 n-Propylbenzene	91	17.978	17.994	(1.100)	15609	0.08881	0.44(a)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	18.095	18.127	(1.107)	19720	0.13209	0.66(aM)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	18.175	18.197	(1.112)	16698	0.13017	0.65(a)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	57851	0.46877	2.3
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	19.141	19.157	(1.171)	3846	0.04563	0.23(a)
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:	cknq008.d	Date:	06-FEB-2012 15:06
Client ID:	774VMP0101AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-1		
Lab Sample ID:	280-25116-1		



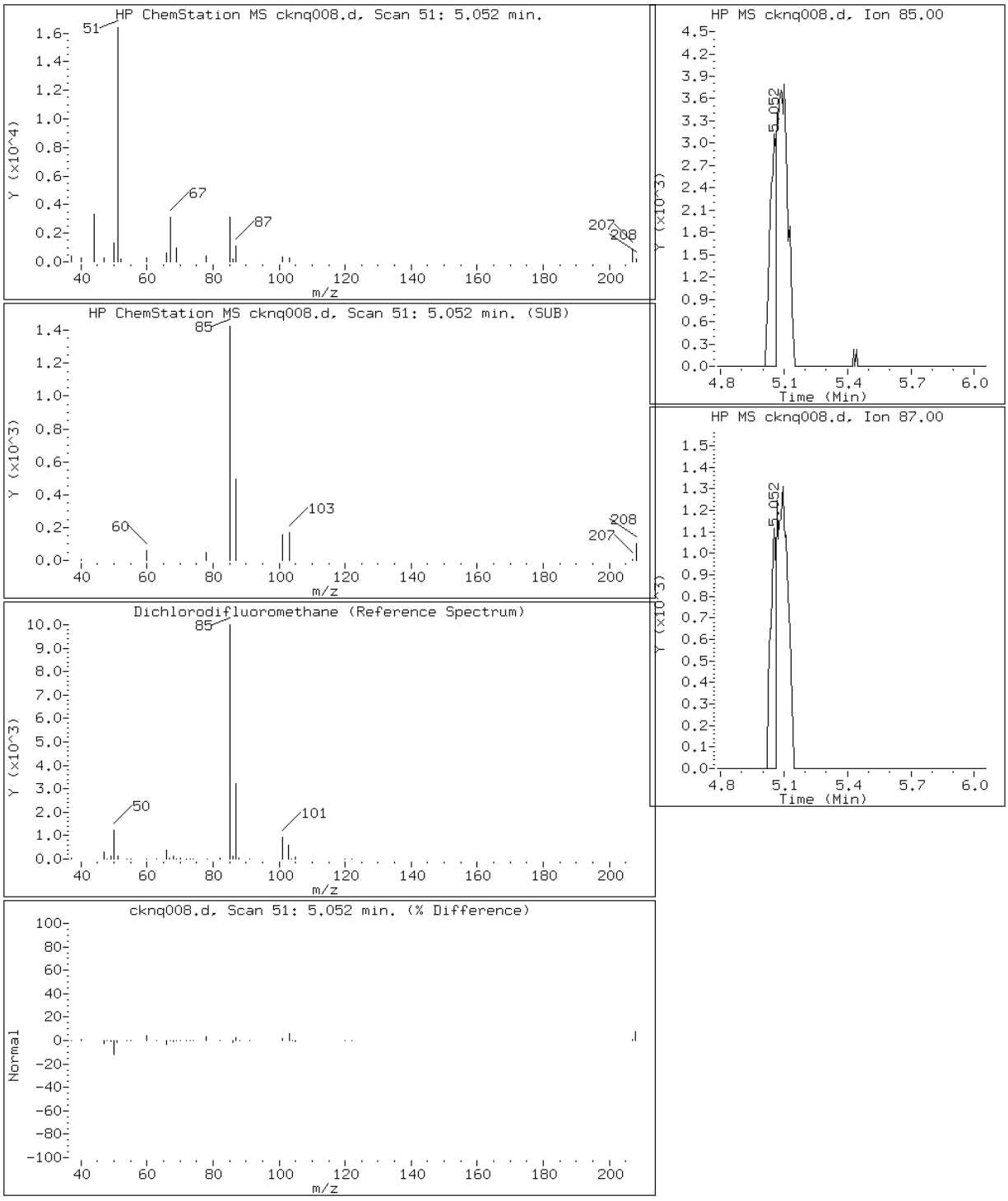
Data File: cknq008.d

Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

2 Dichlorodifluoromethane



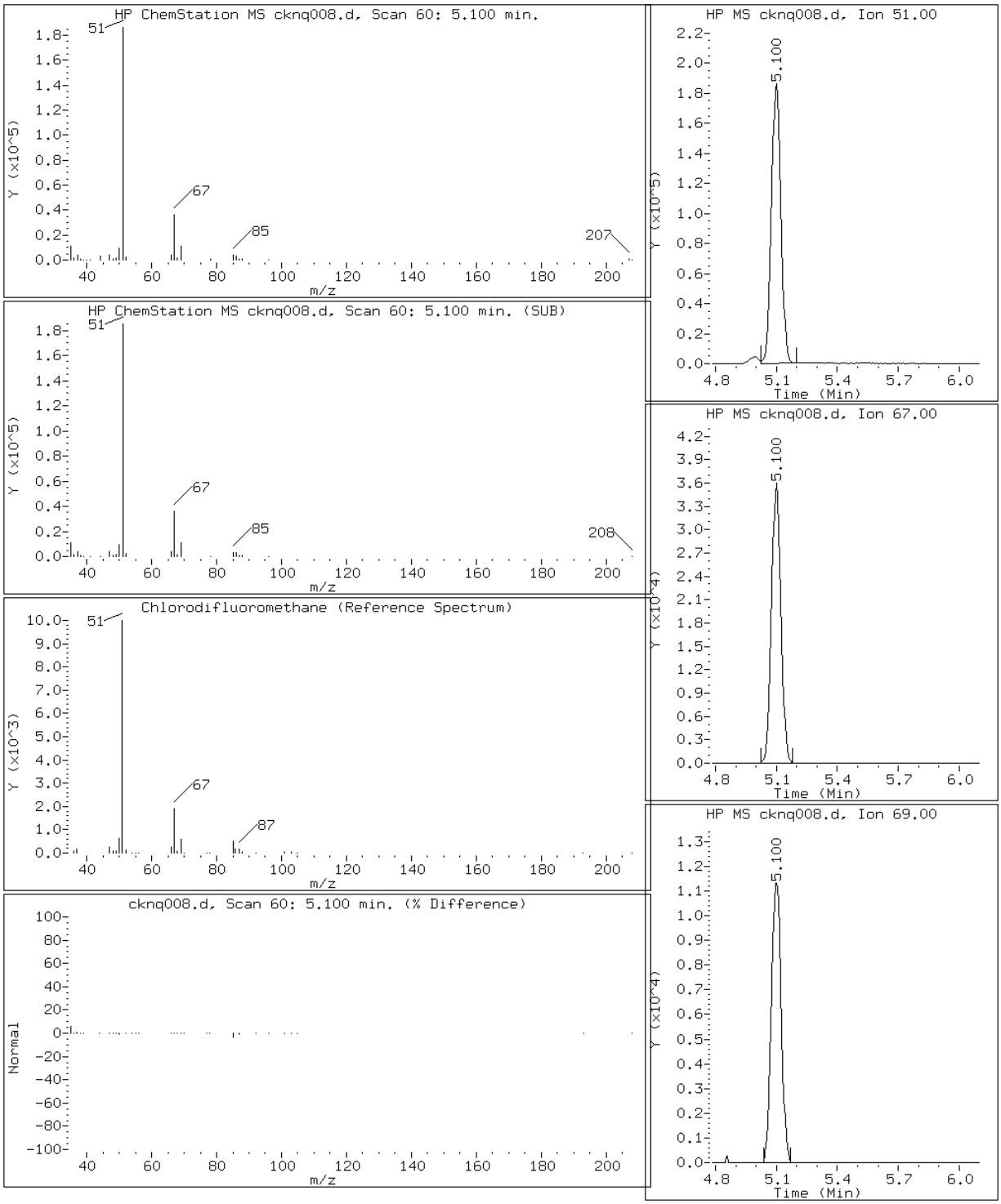
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

3 Chlorodifluoromethane



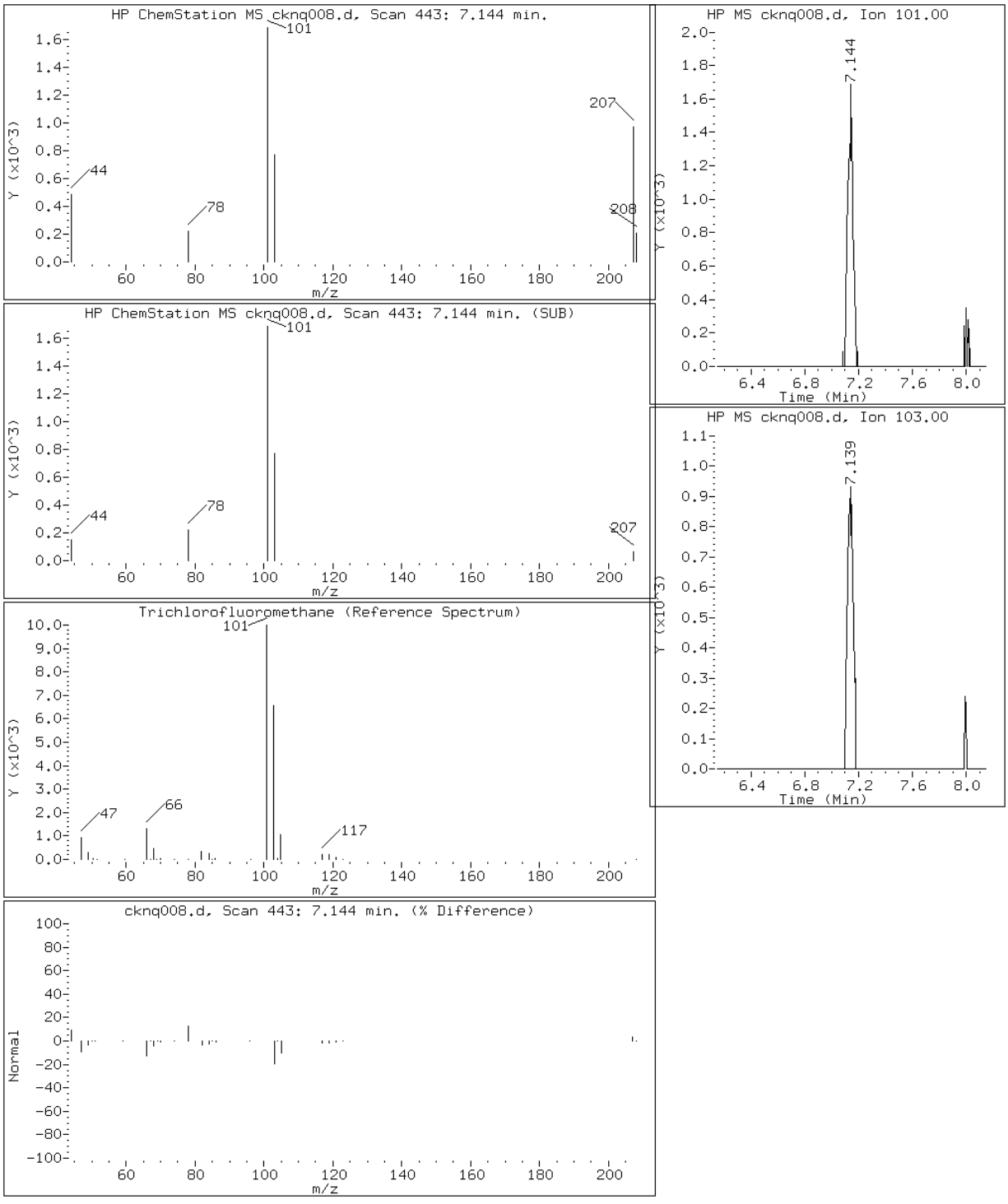
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

13 Trichlorofluoromethane



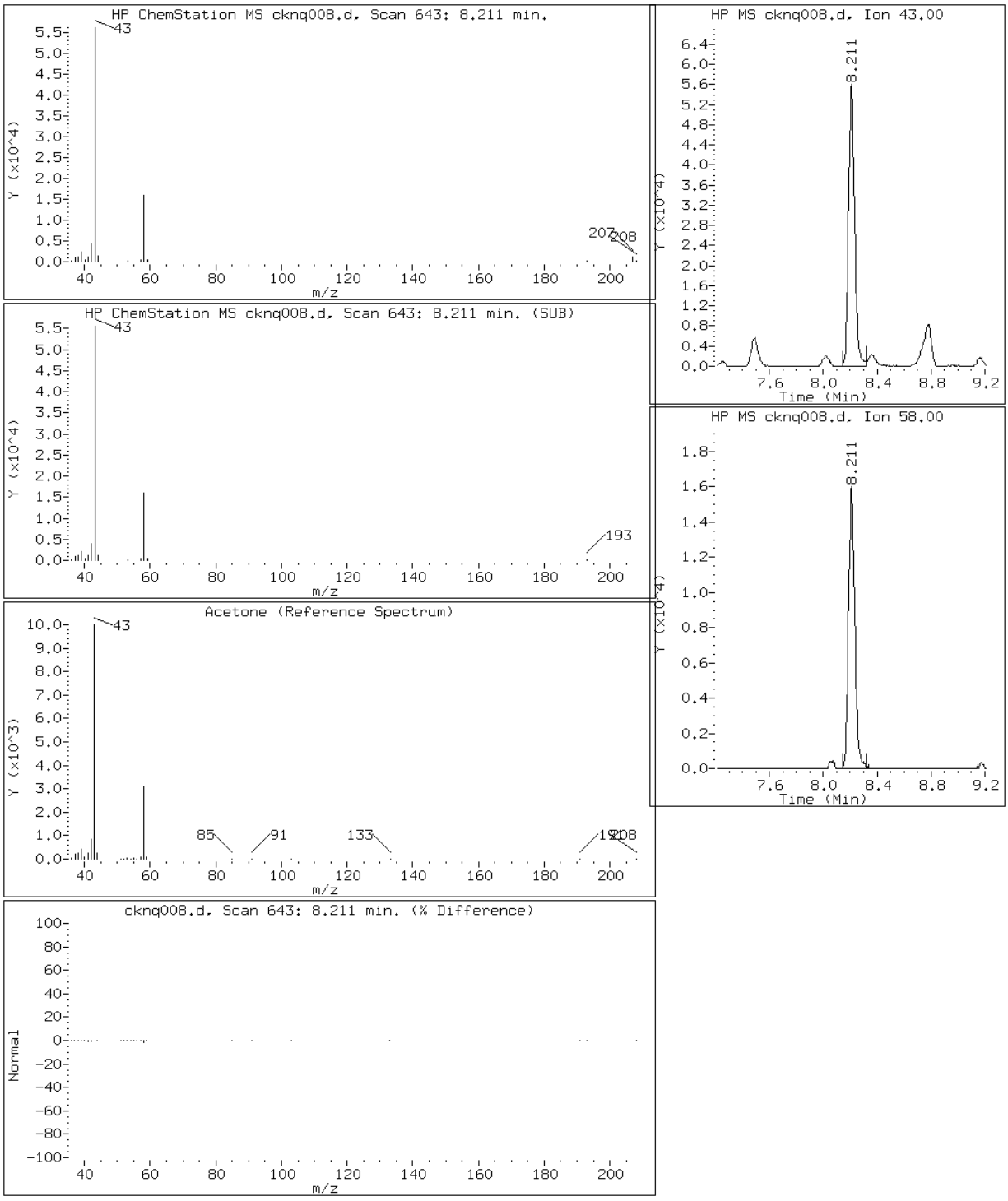
Data File: cknq008.d

Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

20 Acetone



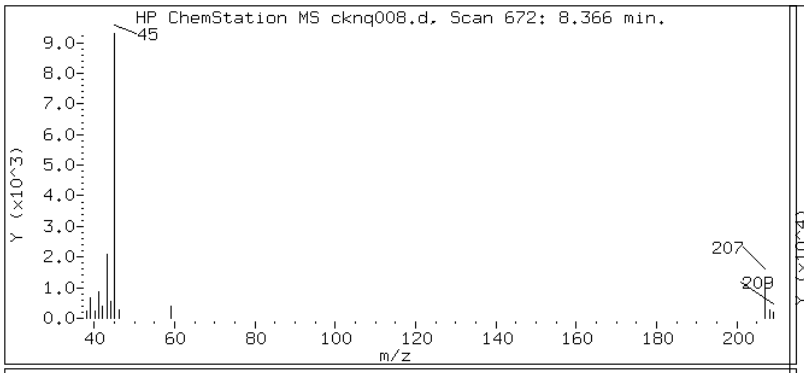
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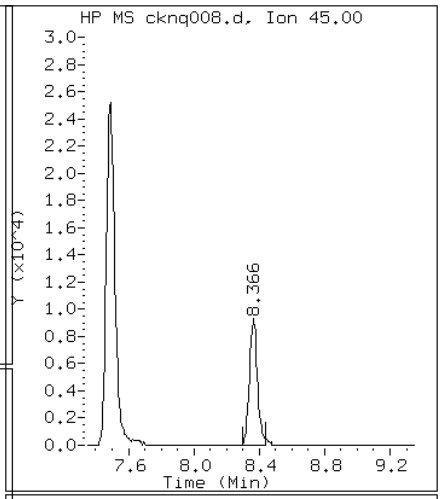
Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

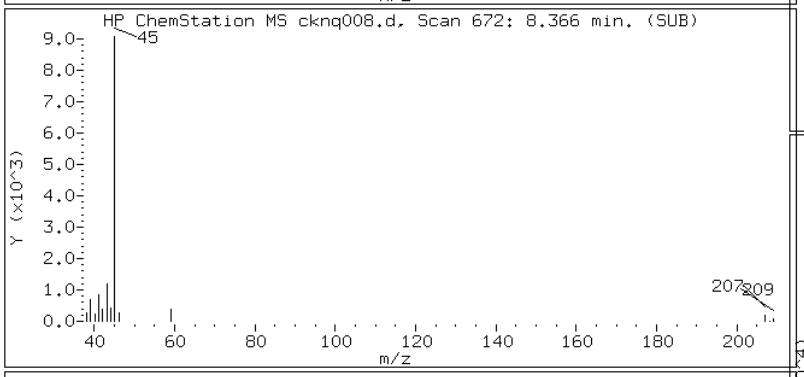
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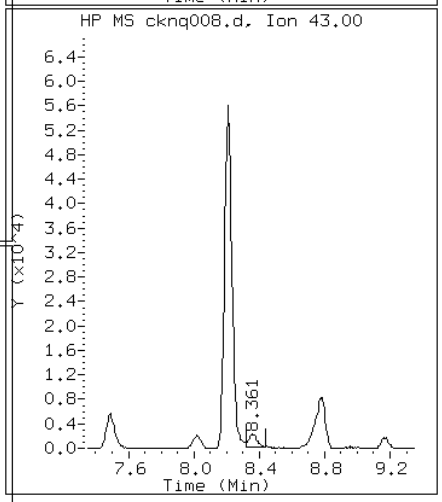
Sample Info: 280-25116-A-1 Operator: wrd

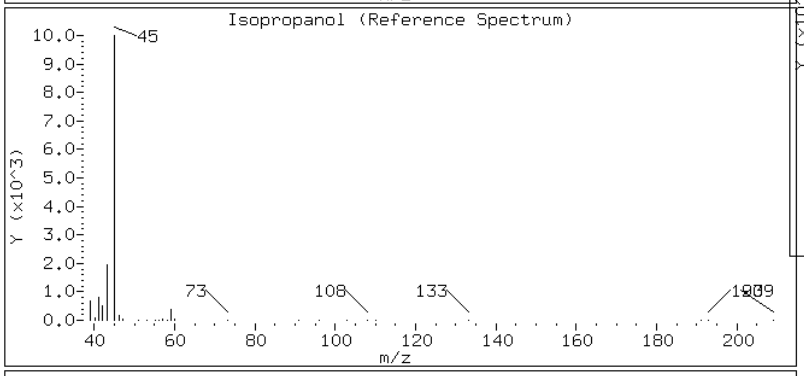
22 Isopropanol

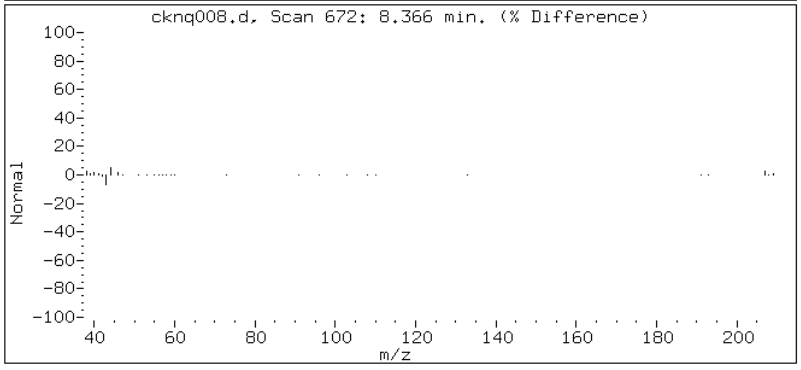












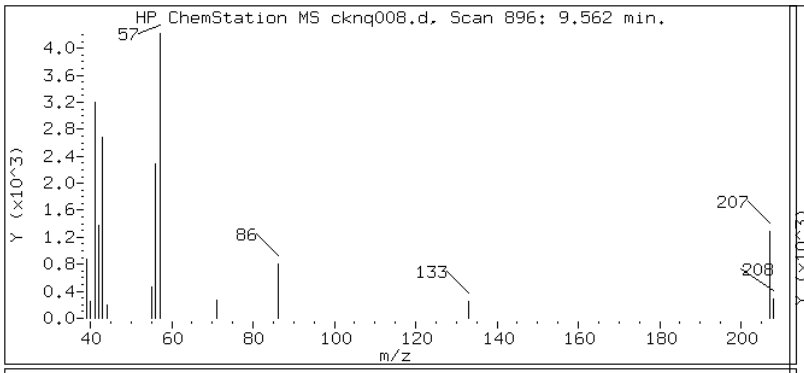
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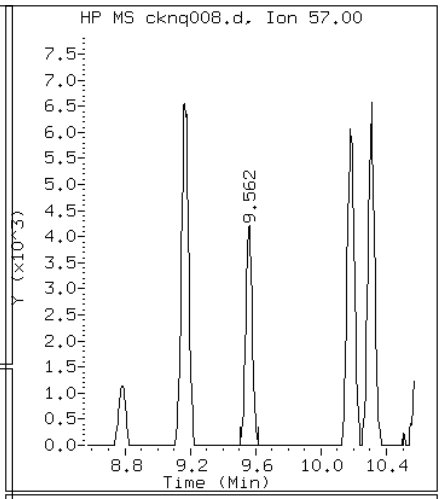
Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

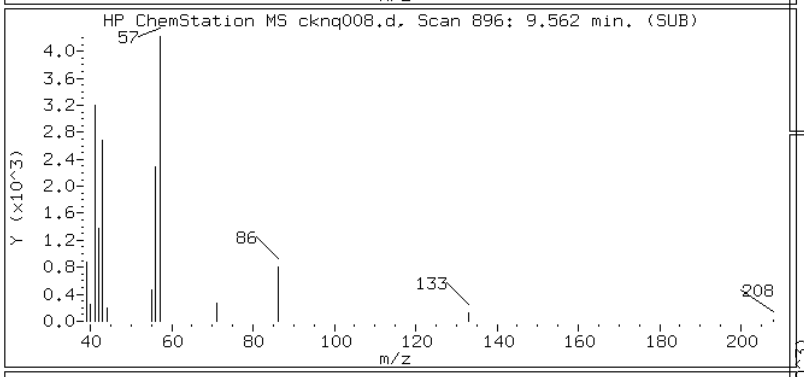
Client ID: 774VMP0101AD Instrument: C.i

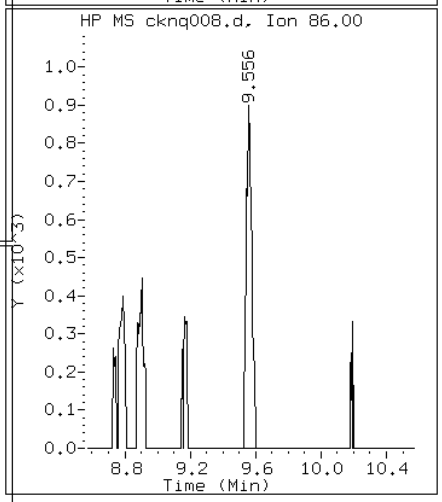
Sample Info: 280-25116-A-1 Operator: wrd

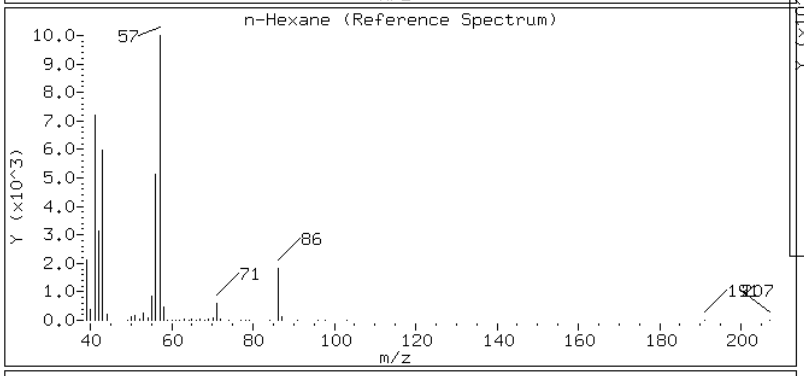
30 n-Hexane

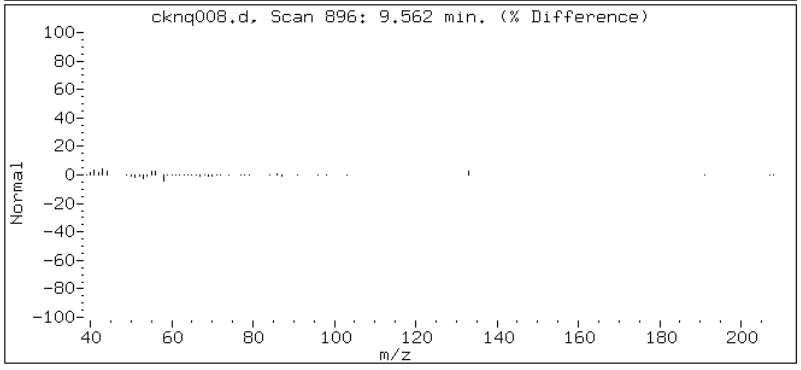












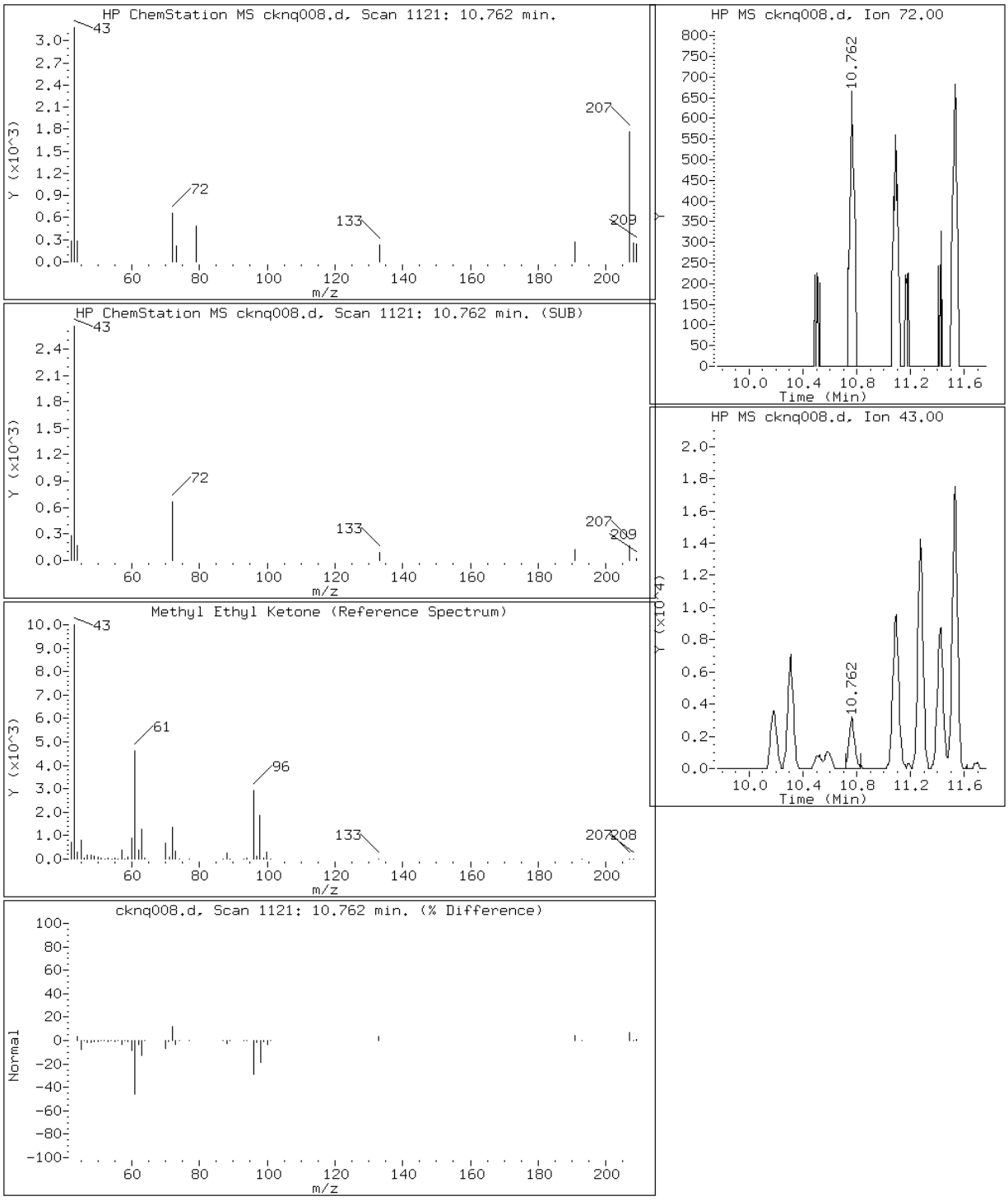
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

36 Methyl Ethyl Ketone



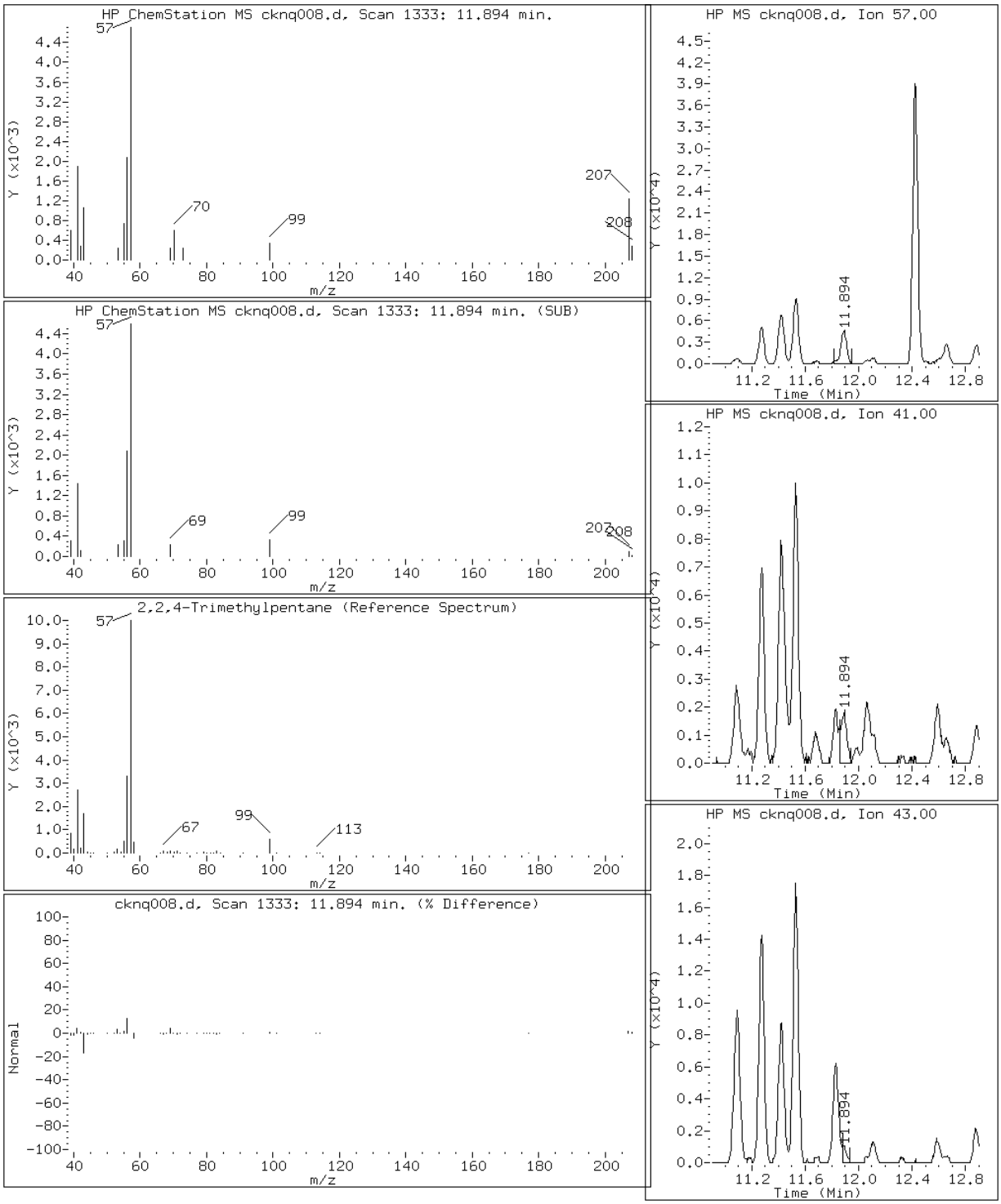
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

43 2,2,4-Trimethylpentane



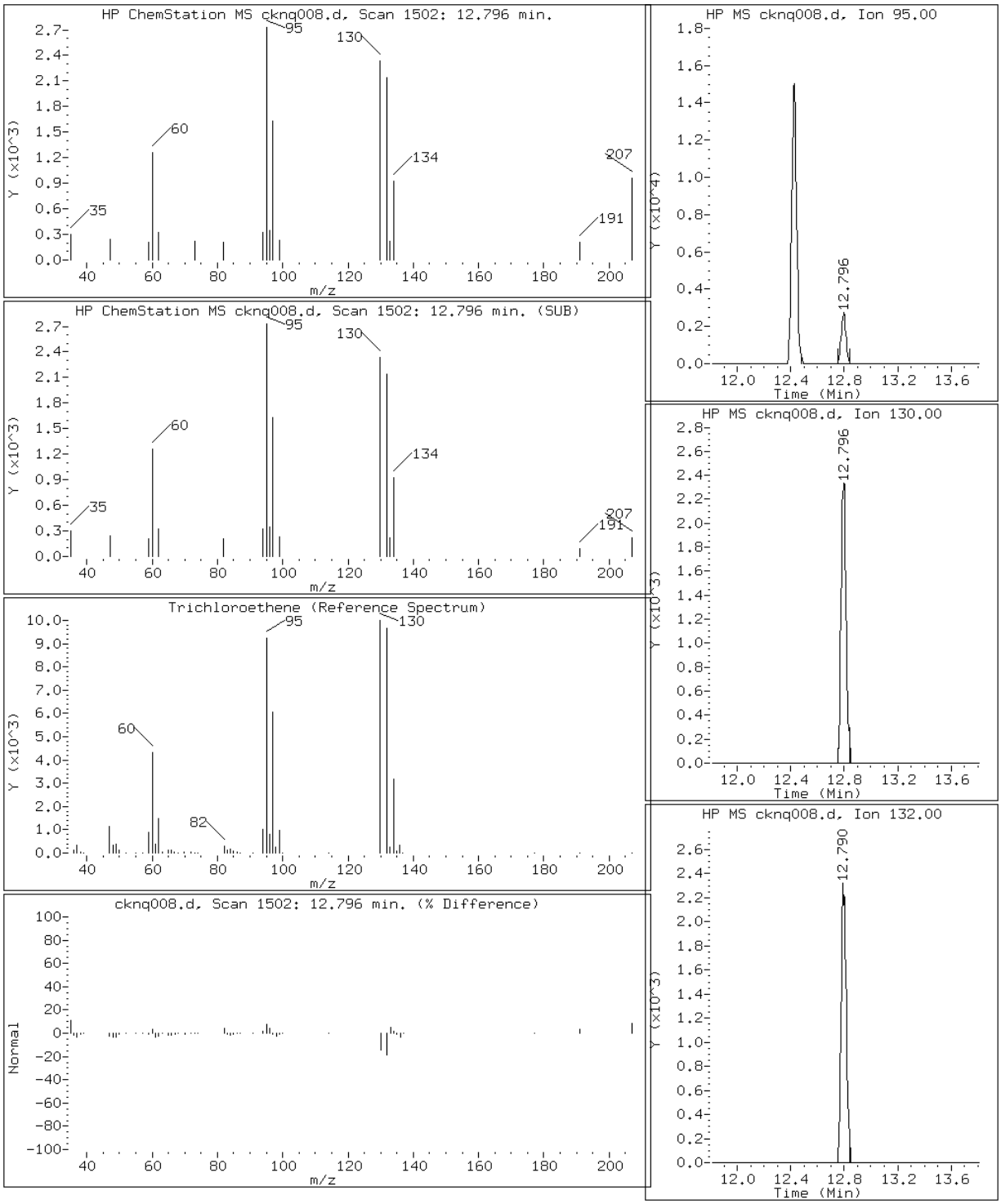
Data File: cknq008.d

Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

49 Trichloroethene



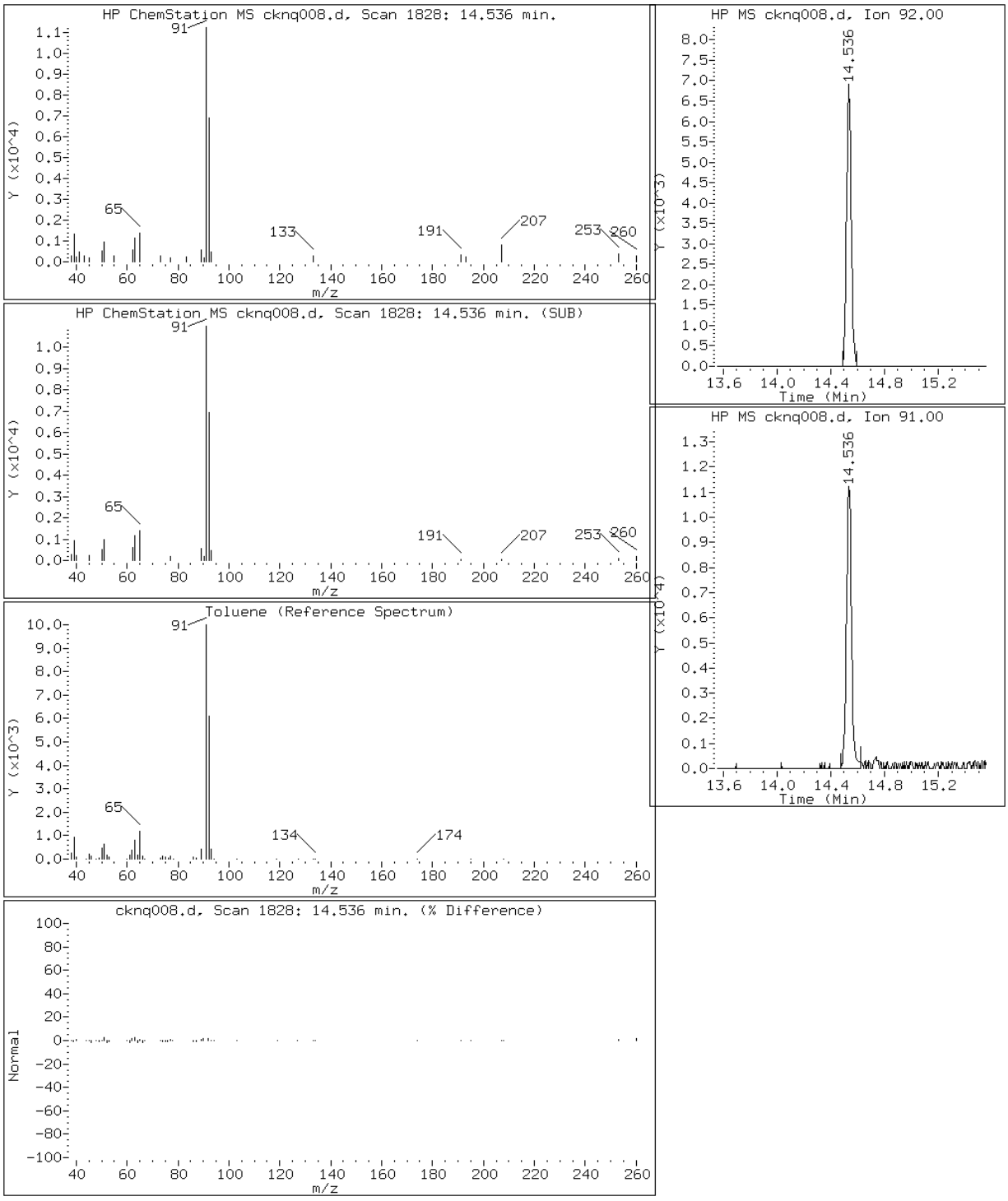
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

58 Toluene



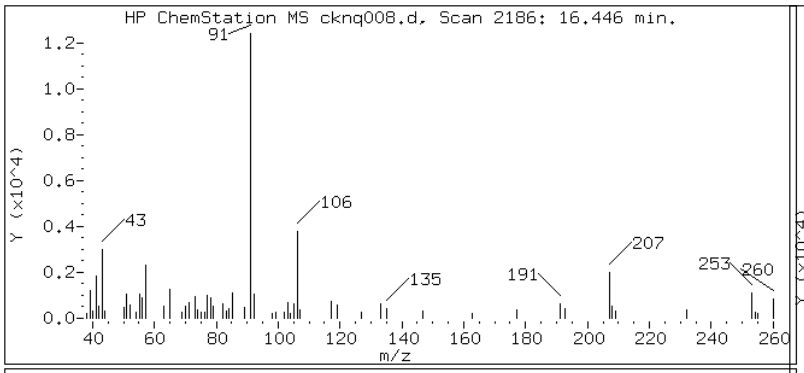
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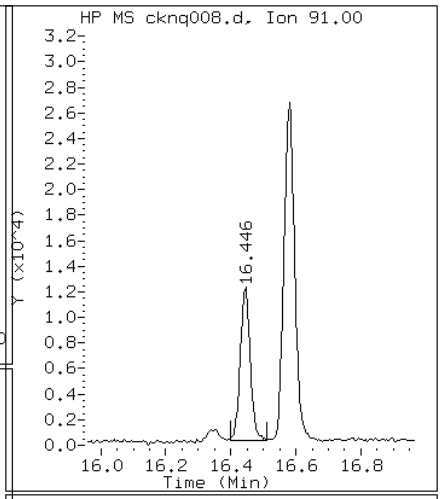
Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

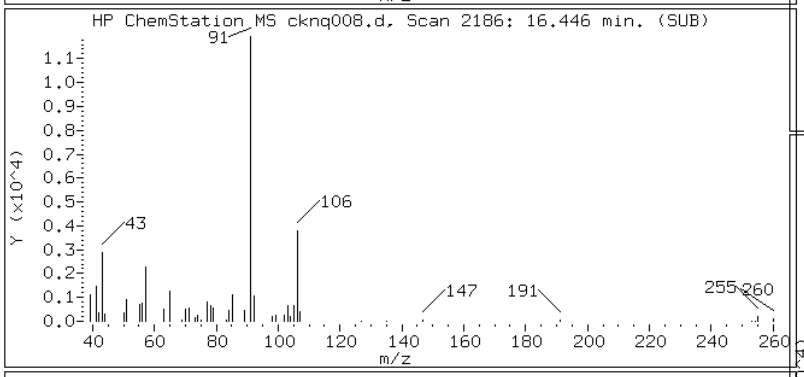
Client ID: 774VMP0101AD Instrument: C.i

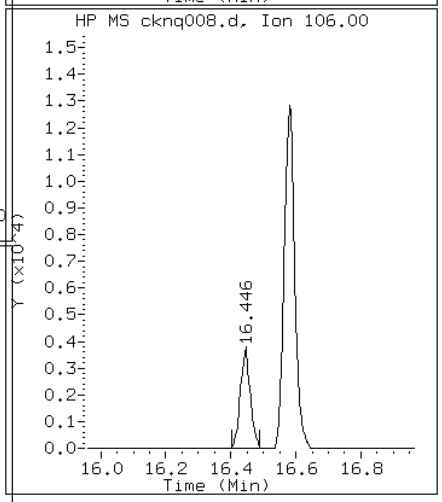
Sample Info: 280-25116-A-1 Operator: wrd

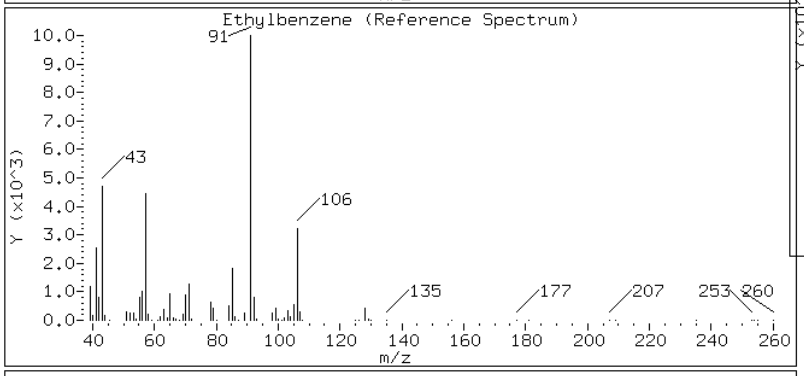
68 Ethylbenzene

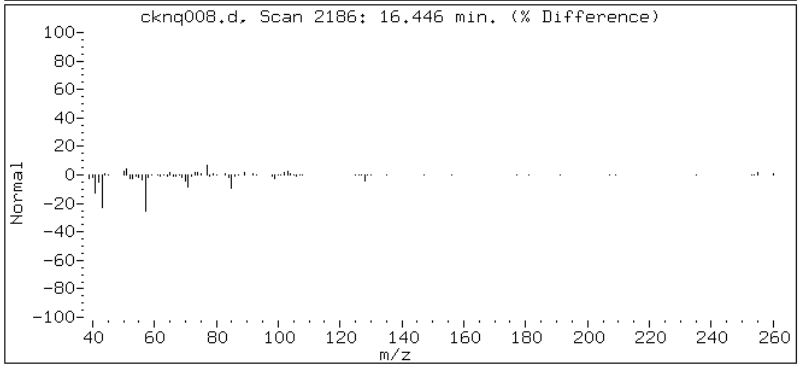












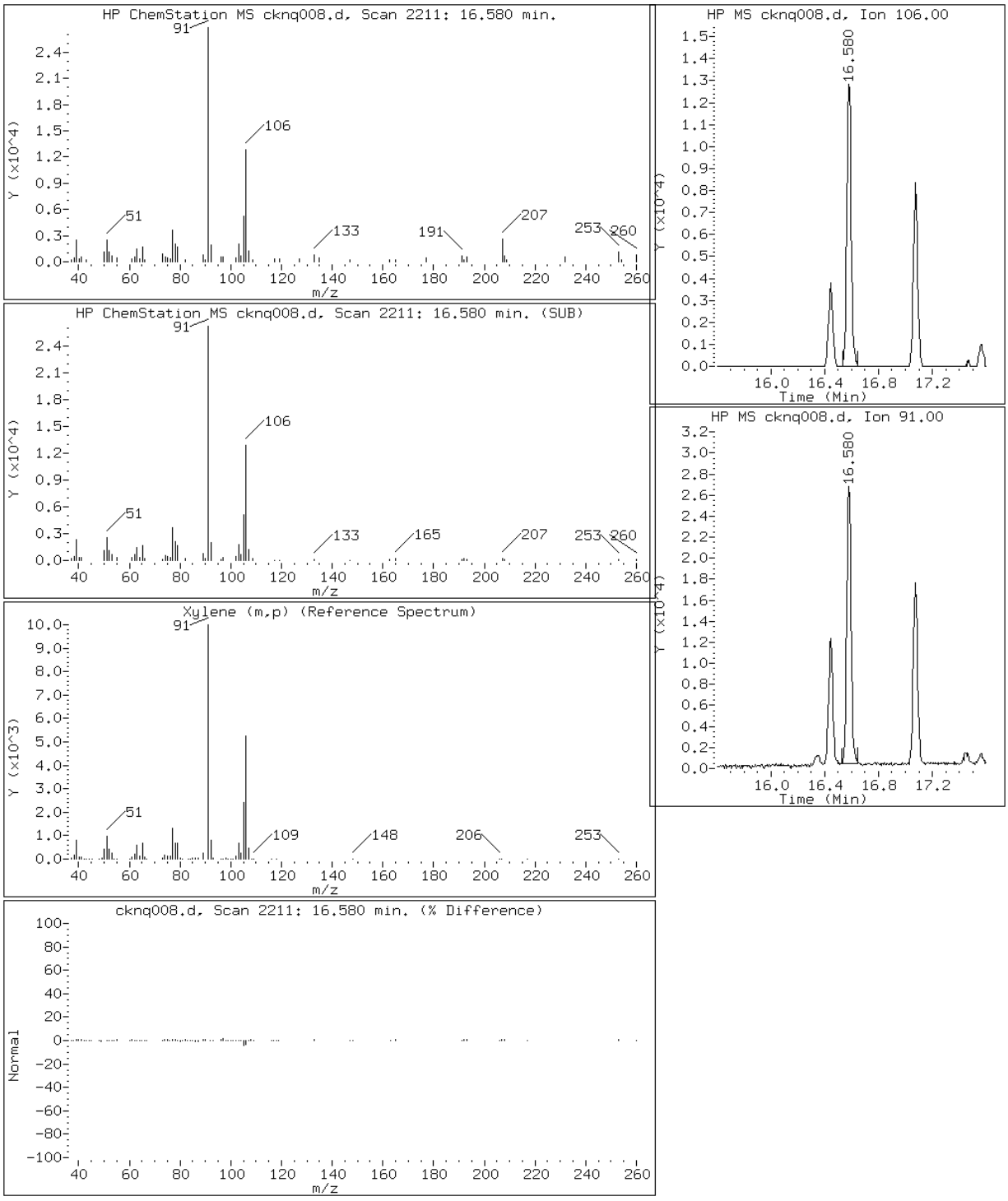
Data File: cknq008.d

Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

69 Xylene (m,p)



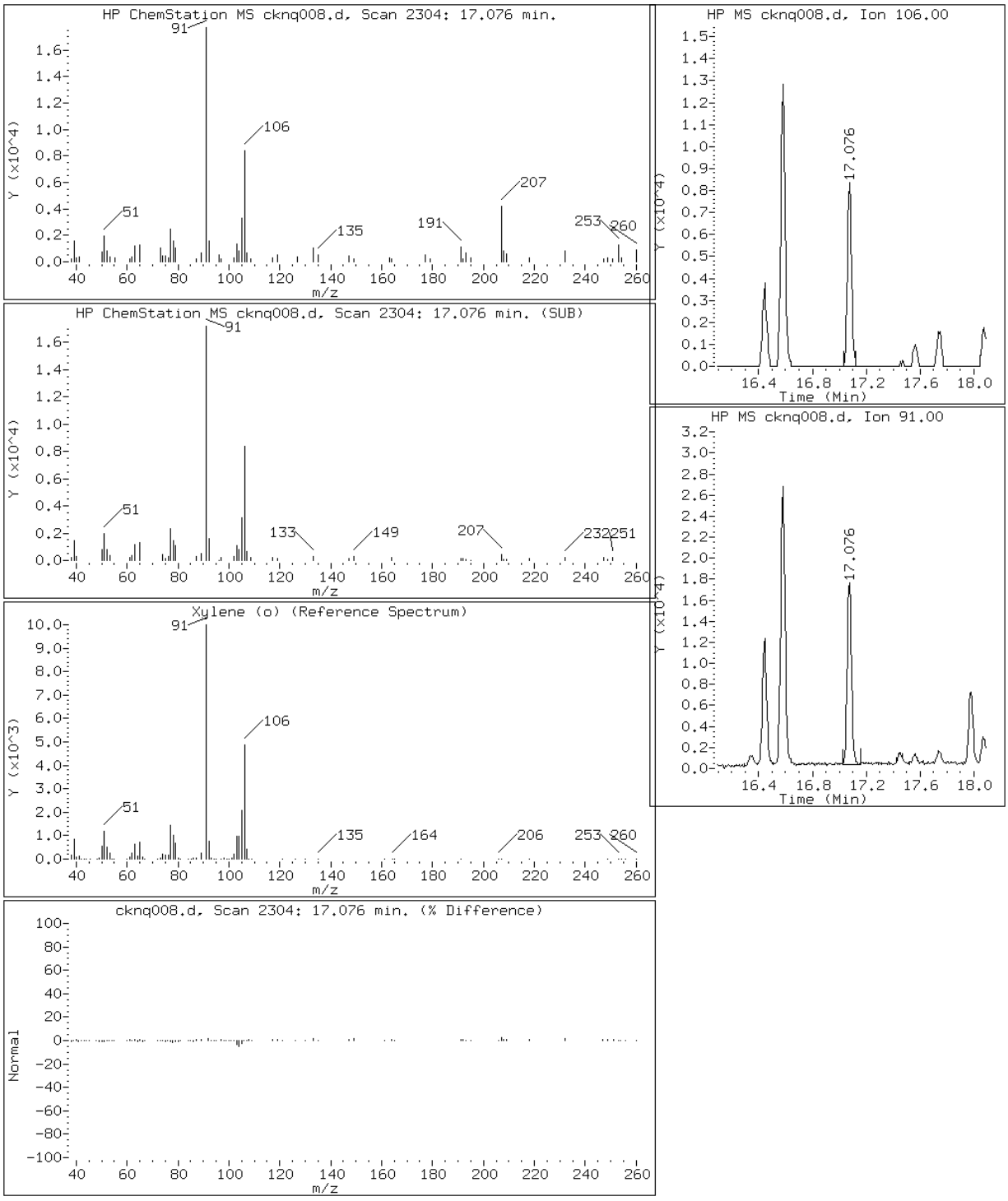
Data File: cknq008.d

Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

71 Xylene (o)



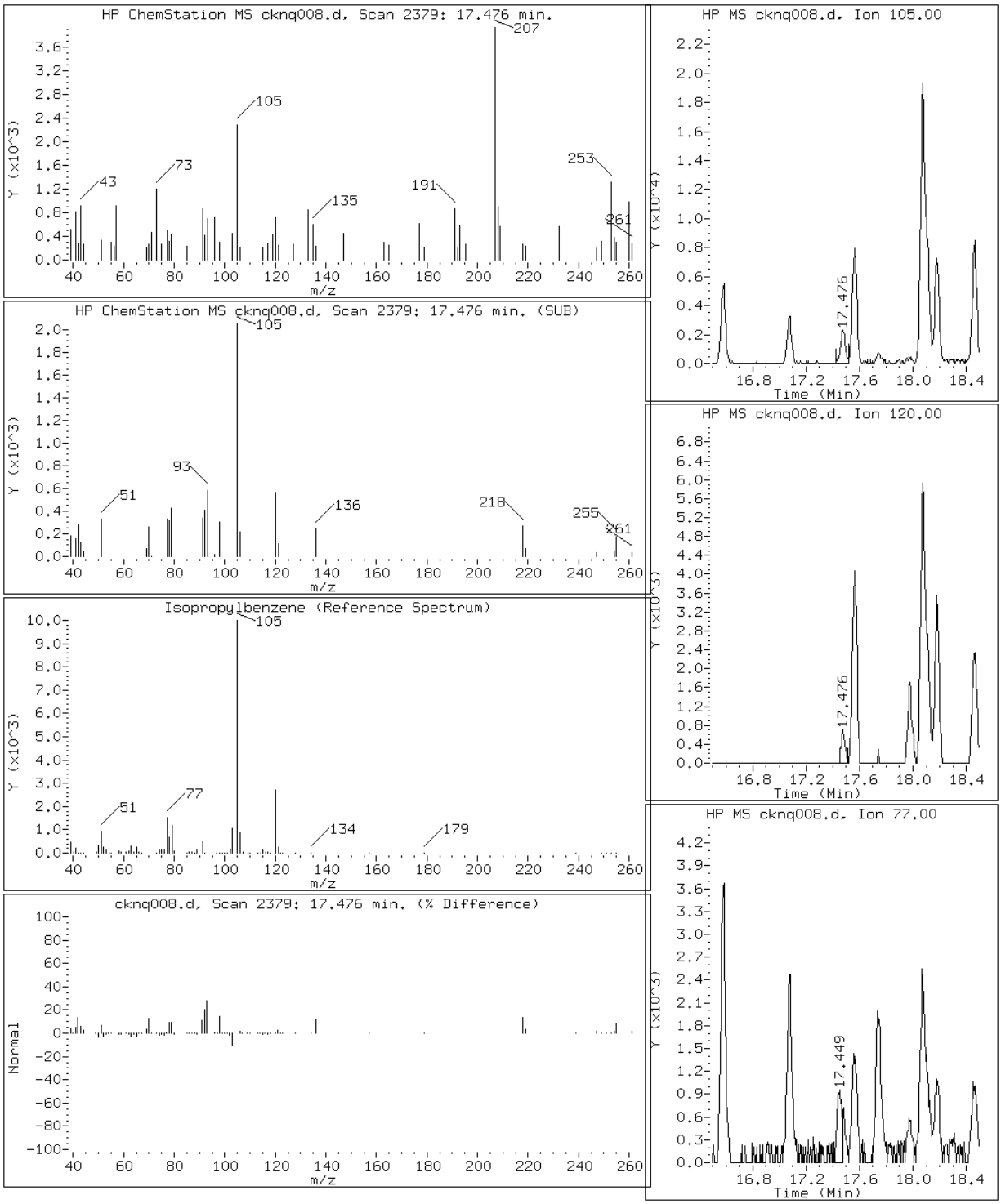
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

74 Isopropylbenzene



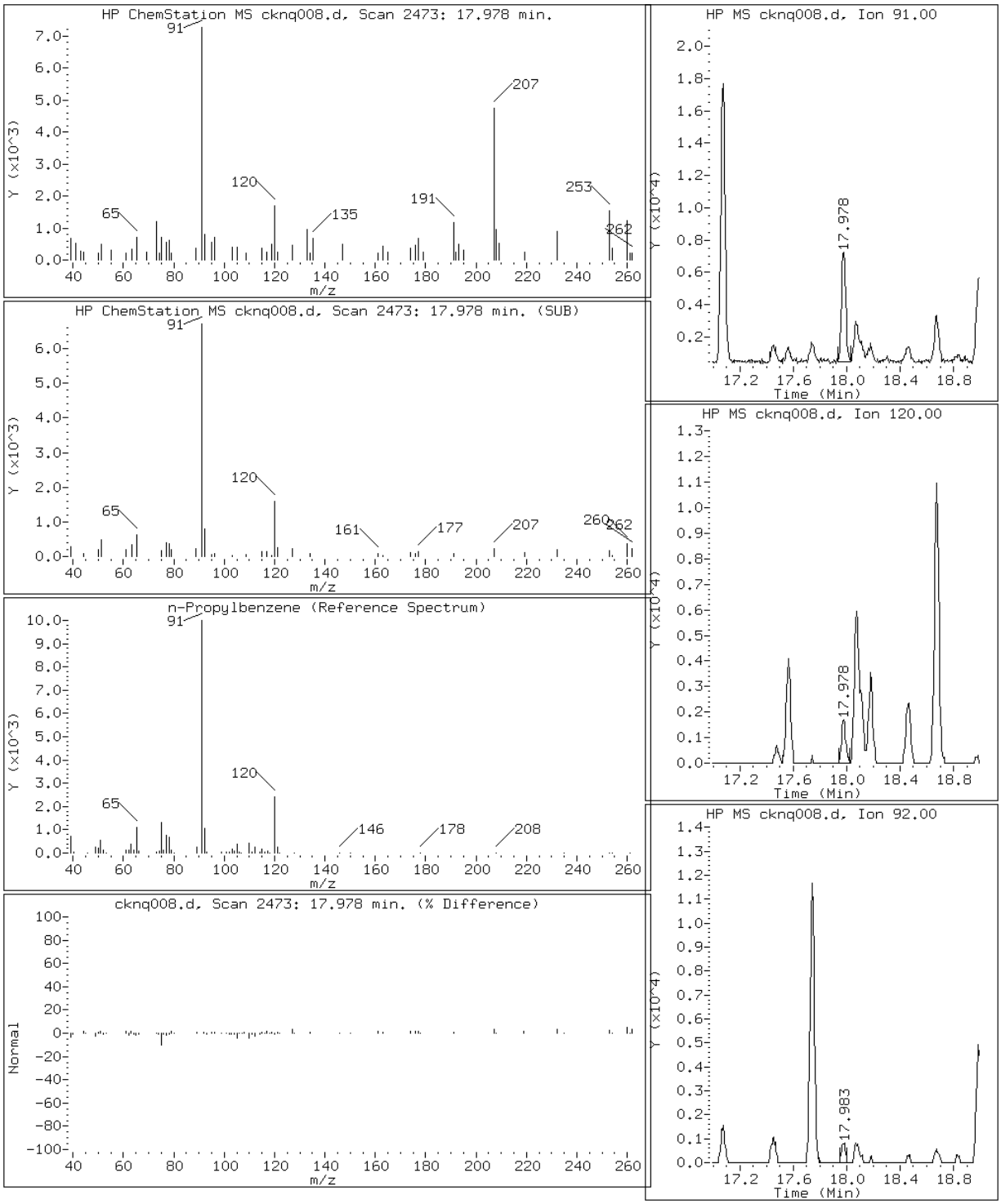
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

76 n-Propylbenzene



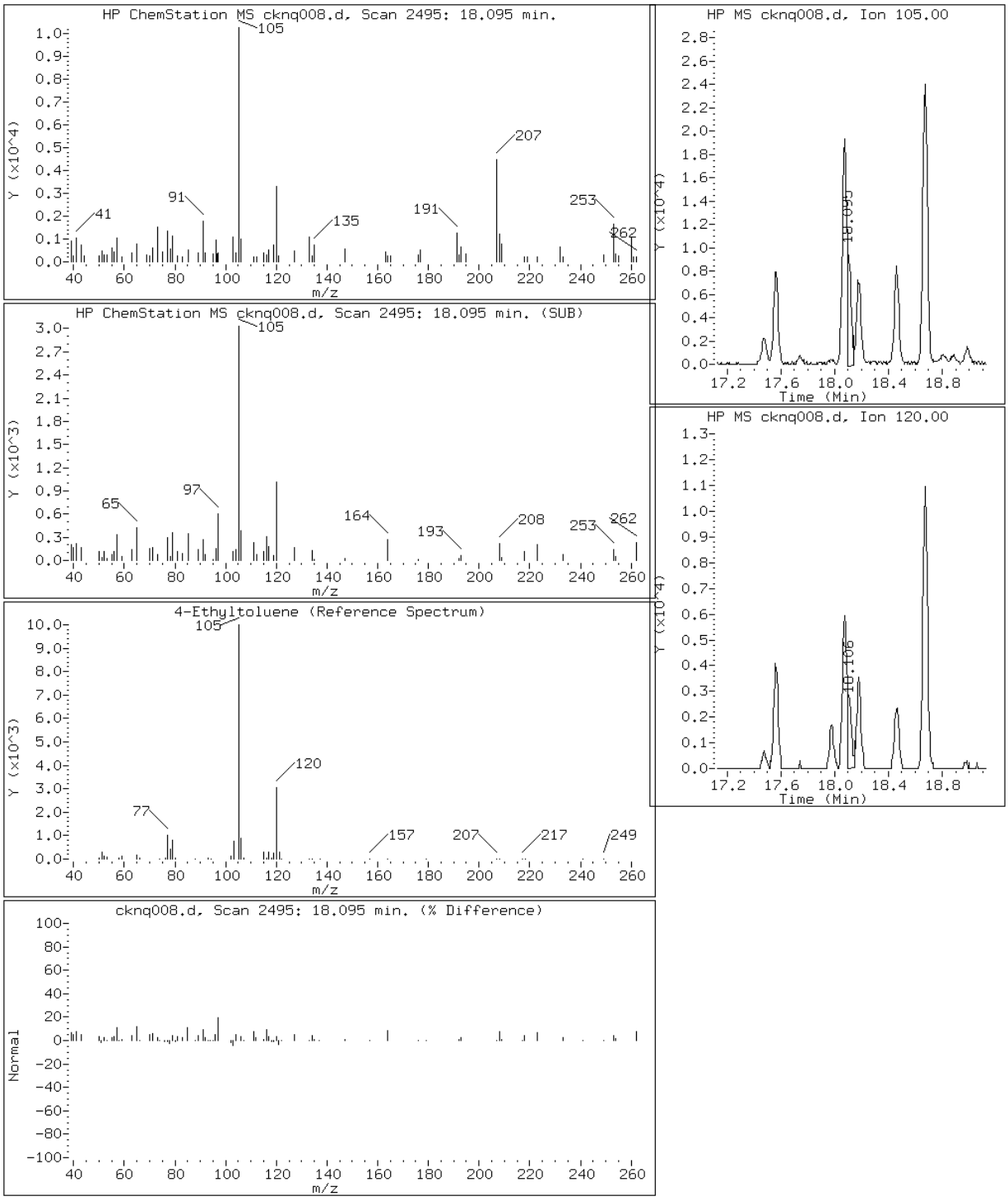
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

79 4-Ethyltoluene



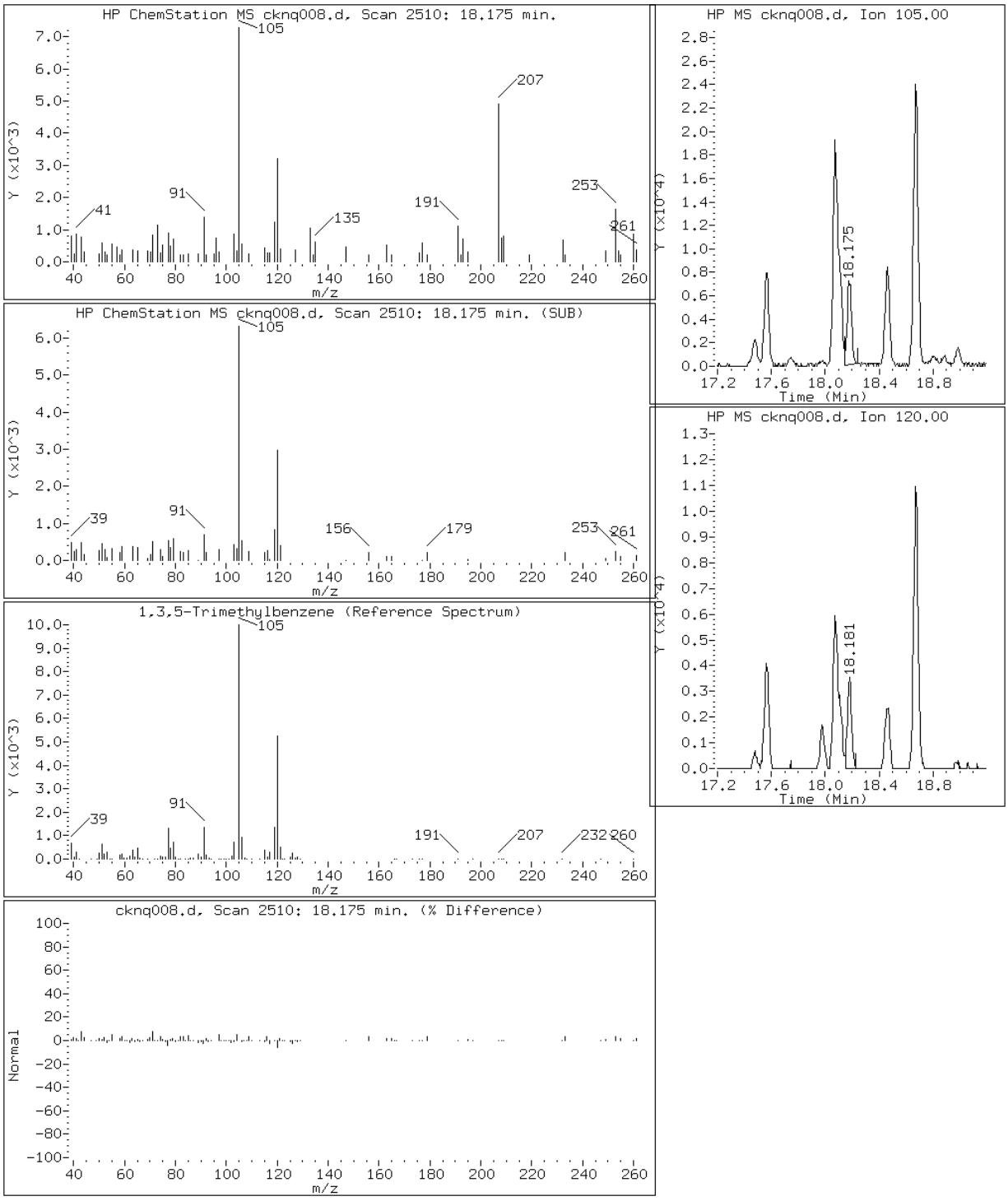
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Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

81 1,3,5-Trimethylbenzene



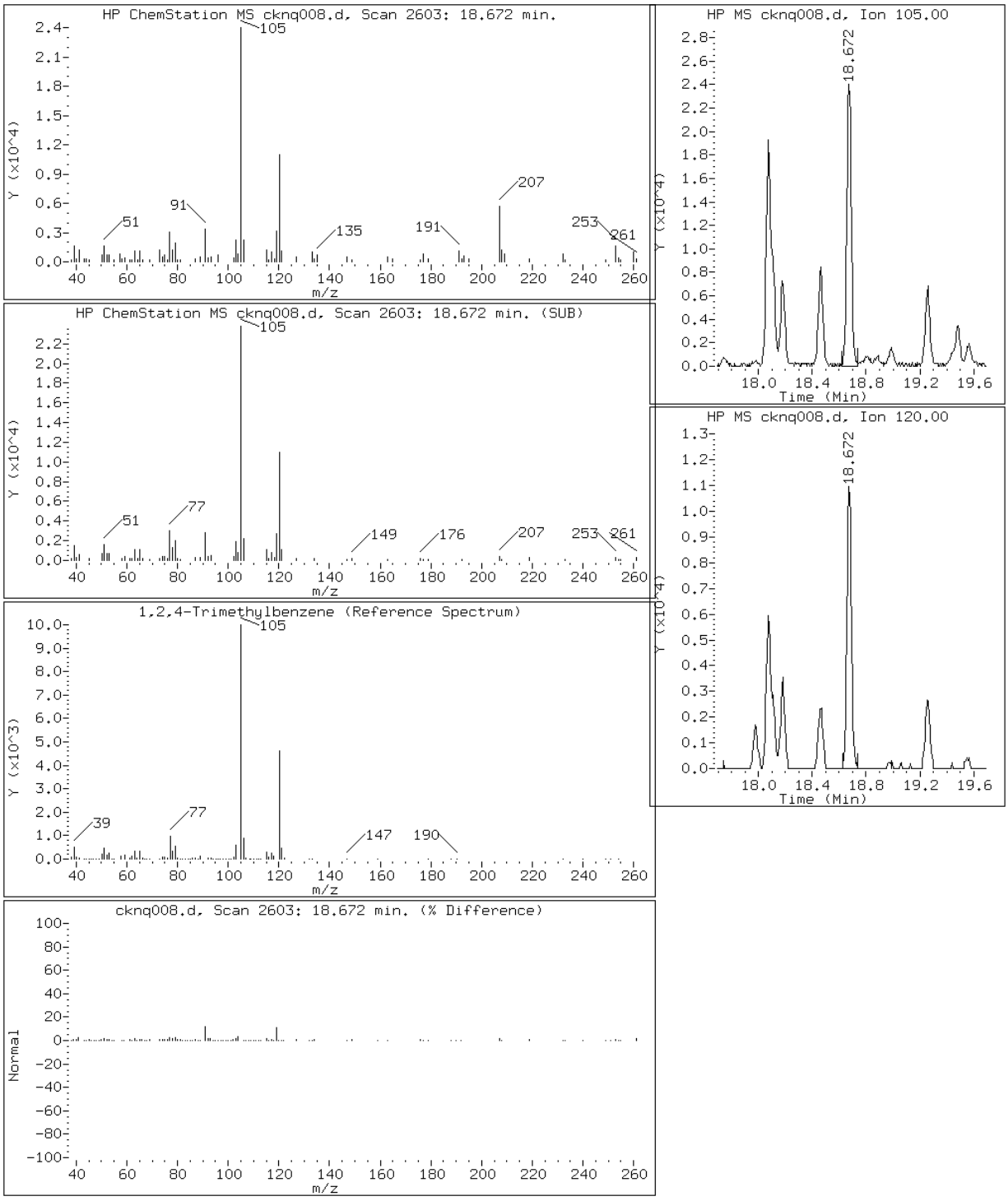
Data File: cknq008.d

Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

84 1,2,4-Trimethylbenzene



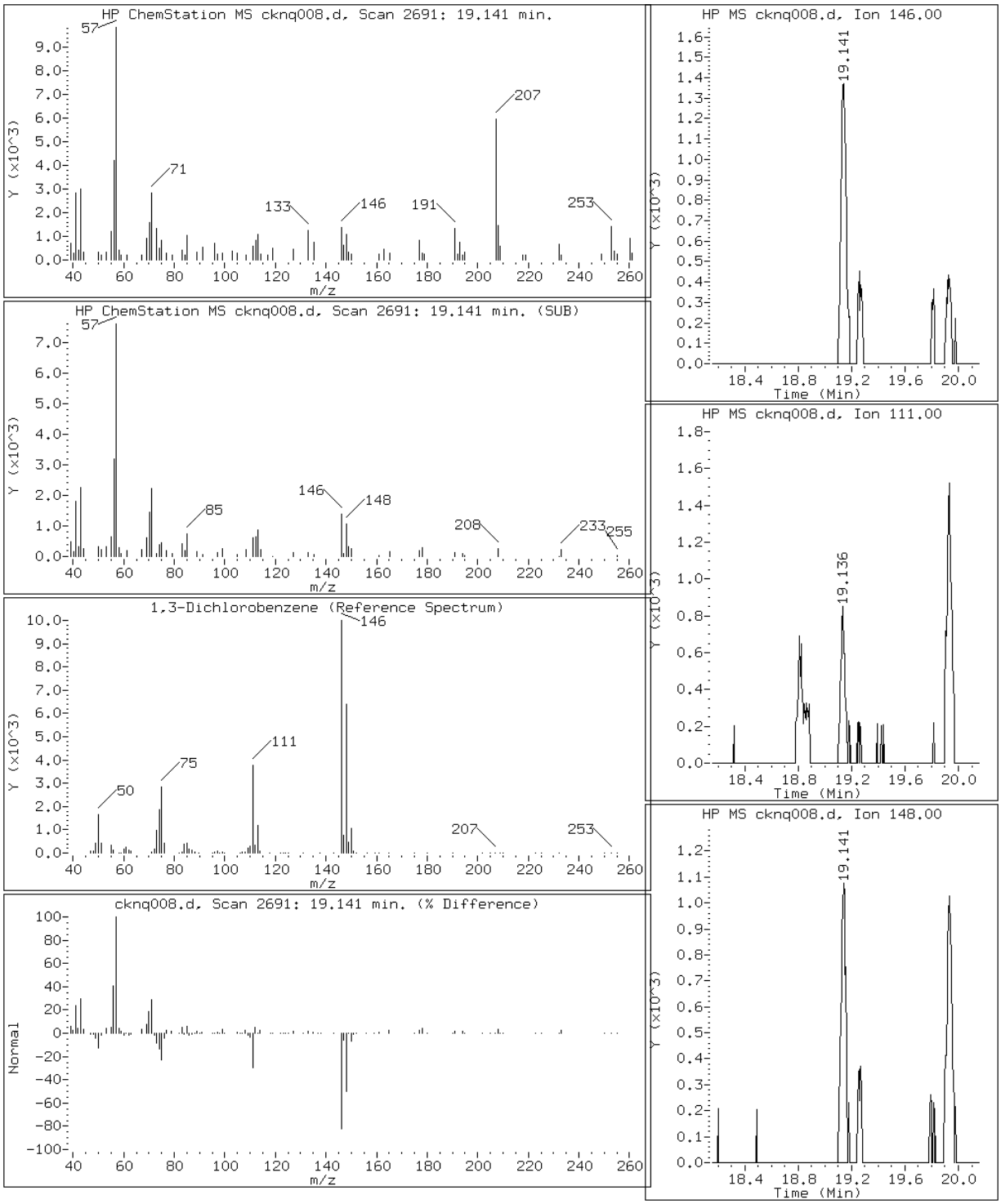
Data File: cknq008.d

Lab Sample ID: 280-25116-1 Date: 06-FEB-2012 15:06

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-1 Operator: wrd

87 1,3-Dichlorobenzene



Manual Integration Report

Data File: cknq008.d
Lab Sample ID: 280-25116-1
Inj. Date and Time: 06-FEB-2012 15:06
Instrument ID: C.i
Client ID: 774VMP0101AD
Compound: 13 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 02/08/2012

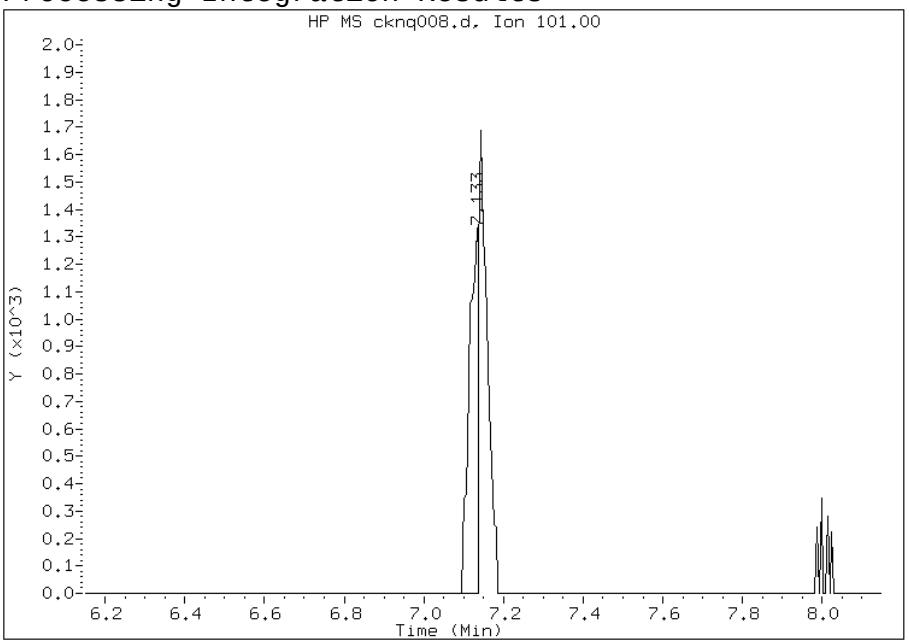
Processing Integration Results

RT: 7.13

Response: 2339

Amount: 0.034824

Conc: 0.174120



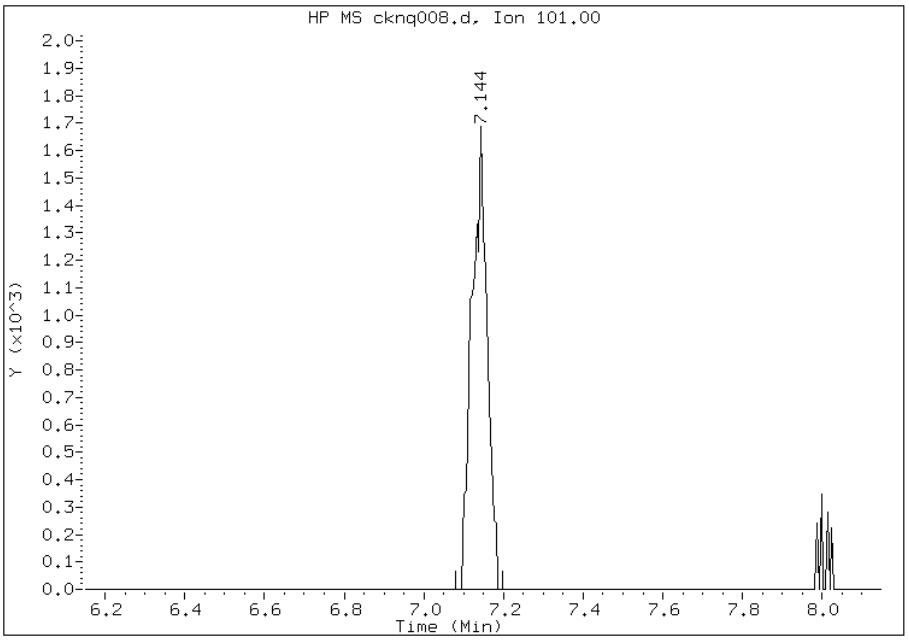
Manual Integration Results

RT: 7.14

Response: 4464

Amount: 0.066462

Conc: 0.332309



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknq008.d
Lab Sample ID: 280-25116-1
Inj. Date and Time: 06-FEB-2012 15:06
Instrument ID: C.i
Client ID: 774VMP0101AD
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 02/08/2012

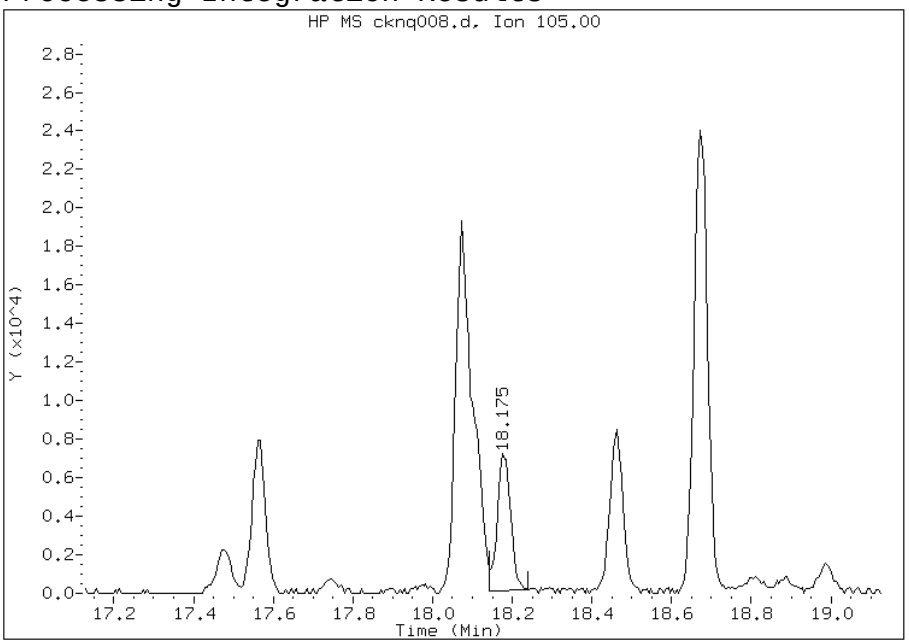
Processing Integration Results

RT: 18.18

Response: 16698

Amount: 0.111846

Conc: 0.559230



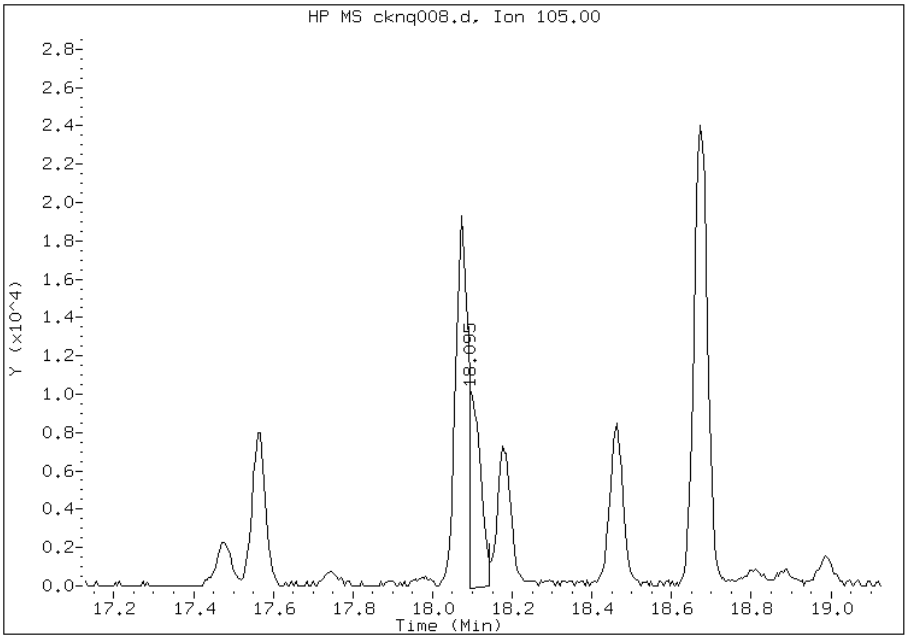
Manual Integration Results

RT: 18.10

Response: 19720

Amount: 0.132088

Conc: 0.660439



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.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0201AD Lab Sample ID: 280-25116-2

Matrix: Air Lab File ID: cknq009.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:10

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 15:57

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.63	J D	5.0	0.38
75-45-6	Freon 22	86.47	210	D	5.0	0.34
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.80	U	2.0	0.32
74-87-3	Chloromethane	50.49	0.40	U	5.0	0.13
106-97-8	n-Butane	58.12	0.40	U	5.0	0.11
75-01-4	Vinyl chloride	62.50	0.80	U	2.0	0.29
106-99-0	1,3-Butadiene	54.09	0.40	U	2.0	0.10
74-83-9	Bromomethane	94.94	0.40	U	2.0	0.12
75-00-3	Chloroethane	64.52	0.40	U	5.0	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.40	U	2.0	0.19
75-69-4	Trichlorofluoromethane	137.37	1.3	U	2.0	0.34
76-13-1	Freon TF	187.38	0.40	U	2.0	0.10
75-35-4	1,1-Dichloroethene	96.94	0.80	U	2.0	0.30
67-64-1	Acetone	58.08	45	J D	50	0.45
67-63-0	Isopropyl alcohol	60.10	8.1	J D	50	0.37
75-15-0	Carbon disulfide	76.14	2.0	U	5.0	0.66
107-05-1	3-Chloropropene	76.53	0.40	U	5.0	0.19
75-09-2	Methylene Chloride	84.93	0.40	U	5.0	0.13
75-65-0	tert-Butyl alcohol	74.12	2.0	U	50	0.71
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	2.0	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.80	U	2.0	0.32
110-54-3	n-Hexane	86.17	0.80	U	2.0	0.26
75-34-3	1,1-Dichloroethane	98.96	1.3	U	2.0	0.35
78-93-3	Methyl Ethyl Ketone	72.11	0.40	U	5.0	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.40	U	2.0	0.14
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	2.0	0.14
67-66-3	Chloroform	119.38	0.80	U	2.0	0.31
109-99-9	Tetrahydrofuran	72.11	0.40	U	50	0.18
71-55-6	1,1,1-Trichloroethane	133.41	1.3	U	2.0	0.35
110-82-7	Cyclohexane	84.16	1.3	U	2.0	0.39
56-23-5	Carbon tetrachloride	153.81	1.3	U	2.0	0.33
540-84-1	2,2,4-Trimethylpentane	114.23	0.44	J D	2.0	0.36
71-43-2	Benzene	78.11	0.40	U	2.0	0.18
107-06-2	1,2-Dichloroethane	98.96	0.80	U	2.0	0.31
142-82-5	n-Heptane	100.21	0.40	U	2.0	0.10

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0201AD Lab Sample ID: 280-25116-2

Matrix: Air Lab File ID: cknq009.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:10

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 15:57

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.77	J D	2.0	0.30
80-62-6	Methyl methacrylate	100.12	0.40	U	5.0	0.13
78-87-5	1,2-Dichloropropane	112.99	0.40	U	2.0	0.14
123-91-1	1,4-Dioxane	88.11	3.2	U	50	0.88
75-27-4	Bromodichloromethane	163.83	0.80	U	2.0	0.28
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	2.0	0.16
108-10-1	methyl isobutyl ketone	100.16	0.80	U	5.0	0.26
108-88-3	Toluene	92.14	1.3	J D	2.0	0.18
10061-02-6	trans-1,3-Dichloropropene	110.97	0.80	U	2.0	0.20
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	2.0	0.19
127-18-4	Tetrachloroethene	165.83	0.40	U	2.0	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.3	U	5.0	0.39
124-48-1	Dibromochloromethane	208.29	0.80	U	2.0	0.21
106-93-4	1,2-Dibromoethane	187.87	0.40	U	2.0	0.18
108-90-7	Chlorobenzene	112.30	0.80	U	2.0	0.20
100-41-4	Ethylbenzene	106.17	0.43	J D	2.0	0.22
179601-23-1	m,p-Xylene	106.17	1.3	J D	5.0	0.48
95-47-6	Xylene, o-	106.17	0.82	J D	2.0	0.22
1330-20-7	Xylene (total)	106.17	2.1	D	2.0	0.22
100-42-5	Styrene	104.15	0.80	U	2.0	0.30
75-25-2	Bromoform	252.75	0.40	U	2.0	0.19
98-82-8	Cumene	120.19	0.80	U	2.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.3	U	2.0	0.40
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.50
622-96-8	4-Ethyltoluene	120.20	1.3	U	2.0	0.46
108-67-8	1,3,5-Trimethylbenzene	120.20	1.3	U	2.0	0.51
95-49-8	2-Chlorotoluene	126.59	1.3	U	2.0	0.47
98-06-6	tert-Butylbenzene	134.22	1.3	U	2.0	0.47
95-63-6	1,2,4-Trimethylbenzene	120.20	1.2	J D	2.0	0.52
135-98-8	sec-Butylbenzene	134.22	1.3	U	2.0	0.47
99-87-6	4-Isopropyltoluene	134.22	1.3	U	2.0	0.48
541-73-1	1,3-Dichlorobenzene	147.00	1.3	U	2.0	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.3	U	2.0	0.44
100-44-7	Benzyl chloride	126.58	1.3	U	2.0	0.46
104-51-8	n-Butylbenzene	134.22	1.3	U	2.0	0.55

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0201AD Lab Sample ID: 280-25116-2

Matrix: Air Lab File ID: cknq009.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:10

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 15:57

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	1.3	U	2.0	0.48
120-82-1	1,2,4-Trichlorobenzene	181.45	1.3	U	5.0	0.50
87-68-3	Hexachlorobutadiene	260.76	2.0	U	2.0	0.65
91-20-3	Naphthalene	128.17	3.2	U	5.0	0.86

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0201AD Lab Sample ID: 280-25116-2

Matrix: Air Lab File ID: cknq009.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:10

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 15:57

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.1	J D	25	1.9
75-45-6	Freon 22	86.47	750	D	18	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.6	U	14	2.2
74-87-3	Chloromethane	50.49	0.83	U	10	0.27
106-97-8	n-Butane	58.12	0.95	U	12	0.26
75-01-4	Vinyl chloride	62.50	2.0	U	5.1	0.74
106-99-0	1,3-Butadiene	54.09	0.88	U	4.4	0.22
74-83-9	Bromomethane	94.94	1.6	U	7.8	0.47
75-00-3	Chloroethane	64.52	1.1	U	13	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.7	U	8.7	0.83
75-69-4	Trichlorofluoromethane	137.37	7.3	U	11	1.9
76-13-1	Freon TF	187.38	3.1	U	15	0.77
75-35-4	1,1-Dichloroethene	96.94	3.2	U	7.9	1.2
67-64-1	Acetone	58.08	110	J D	120	1.1
67-63-0	Isopropyl alcohol	60.10	20	J D	120	0.91
75-15-0	Carbon disulfide	76.14	6.2	U	16	2.1
107-05-1	3-Chloropropene	76.53	1.3	U	16	0.59
75-09-2	Methylene Chloride	84.93	1.4	U	17	0.45
75-65-0	tert-Butyl alcohol	74.12	6.1	U	150	2.2
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	7.2	0.58
156-60-5	trans-1,2-Dichloroethene	96.94	3.2	U	7.9	1.3
110-54-3	n-Hexane	86.17	2.8	U	7.0	0.92
75-34-3	1,1-Dichloroethane	98.96	5.3	U	8.1	1.4
78-93-3	Methyl Ethyl Ketone	72.11	1.2	U	15	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	7.9	0.56
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	7.9	0.56
67-66-3	Chloroform	119.38	3.9	U	9.8	1.5
109-99-9	Tetrahydrofuran	72.11	1.2	U	150	0.53
71-55-6	1,1,1-Trichloroethane	133.41	7.1	U	11	1.9
110-82-7	Cyclohexane	84.16	4.5	U	6.9	1.3
56-23-5	Carbon tetrachloride	153.81	8.2	U	13	2.1
540-84-1	2,2,4-Trimethylpentane	114.23	2.1	J D	9.3	1.7
71-43-2	Benzene	78.11	1.3	U	6.4	0.58
107-06-2	1,2-Dichloroethane	98.96	3.2	U	8.1	1.3
142-82-5	n-Heptane	100.21	1.6	U	8.2	0.41

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0201AD Lab Sample ID: 280-25116-2

Matrix: Air Lab File ID: cknq009.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:10

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 15:57

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	4.2	J D	11	1.6
80-62-6	Methyl methacrylate	100.12	1.6	U	20	0.53
78-87-5	1,2-Dichloropropane	112.99	1.8	U	9.2	0.65
123-91-1	1,4-Dioxane	88.11	12	U	180	3.2
75-27-4	Bromodichloromethane	163.83	5.4	U	13	1.9
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	9.1	0.73
108-10-1	methyl isobutyl ketone	100.16	3.3	U	20	1.1
108-88-3	Toluene	92.14	4.8	J D	7.5	0.68
10061-02-6	trans-1,3-Dichloropropene	110.97	3.6	U	9.1	0.91
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	11	1.0
127-18-4	Tetrachloroethene	165.83	2.7	U	14	0.75
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.3	U	20	1.6
124-48-1	Dibromochloromethane	208.29	6.8	U	17	1.8
106-93-4	1,2-Dibromoethane	187.87	3.1	U	15	1.4
108-90-7	Chlorobenzene	112.30	3.7	U	9.2	0.92
100-41-4	Ethylbenzene	106.17	1.9	J D	8.7	0.96
179601-23-1	m,p-Xylene	106.17	5.5	J D	22	2.1
95-47-6	Xylene, o-	106.17	3.6	J D	8.7	0.96
1330-20-7	Xylene (total)	106.17	9.1	D	8.7	0.96
100-42-5	Styrene	104.15	3.4	U	8.5	1.3
75-25-2	Bromoform	252.75	4.1	U	21	2.0
98-82-8	Cumene	120.19	3.9	U	9.8	1.5
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.9	U	14	2.7
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	2.5
622-96-8	4-Ethyltoluene	120.20	6.4	U	9.8	2.3
108-67-8	1,3,5-Trimethylbenzene	120.20	6.4	U	9.8	2.5
95-49-8	2-Chlorotoluene	126.59	6.7	U	10	2.4
98-06-6	tert-Butylbenzene	134.22	7.1	U	11	2.6
95-63-6	1,2,4-Trimethylbenzene	120.20	6.0	J D	9.8	2.6
135-98-8	sec-Butylbenzene	134.22	7.1	U	11	2.6
99-87-6	4-Isopropyltoluene	134.22	7.1	U	11	2.6
541-73-1	1,3-Dichlorobenzene	147.00	7.8	U	12	2.6
106-46-7	1,4-Dichlorobenzene	147.00	7.8	U	12	2.6
100-44-7	Benzyl chloride	126.58	6.7	U	10	2.4
104-51-8	n-Butylbenzene	134.22	7.1	U	11	3.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0201AD Lab Sample ID: 280-25116-2

Matrix: Air Lab File ID: cknq009.d

Analysis Method: TO-15 Date Collected: 01/25/2012 10:10

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 15:57

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	7.8	U	12	2.9
120-82-1	1,2,4-Trichlorobenzene	181.45	9.6	U	37	3.7
87-68-3	Hexachlorobutadiene	260.76	21	U	21	6.9
91-20-3	Naphthalene	128.17	17	U	26	4.5

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-2
Client Smp ID: 774VMP0201AD
Inj Date : 06-FEB-2012 15:57
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-2
Misc Info : 20,10,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 7
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)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	4022	0.06268	0.63(aQ)
3 Chlorodifluoromethane	51	5.100	5.100	(0.459)	732541	21.2747	210
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	8.217	8.211	(0.740)	146477	4.51565	45(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	8.382	8.350	(0.755)	17975	0.80749	8.1(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	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	11.104	11.125	(1.000)	198900	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	11.899	11.904	(0.957)	5741	0.04442	0.44(aQ)
	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	12.427	12.443	(1.000)	1155862	10.0000	
	49 Trichloroethene	95	12.790	12.812	(1.029)	2852	0.07728	0.77(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	14.541	14.557	(0.890)	7755	0.12773	1.3(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	16.345	16.366	(1.000)	1093569	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.441	16.462	(1.006)	5762	0.04287	0.43(a)
	69 Xylene (m,p)	106	16.585	16.601	(1.015)	6700	0.12682	1.3(a)
M	70 Xylenes, Total	106				10822	0.20861	2.1
	71 Xylene (o)	106	17.076	17.092	(1.045)	4122	0.08179	0.82(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.					

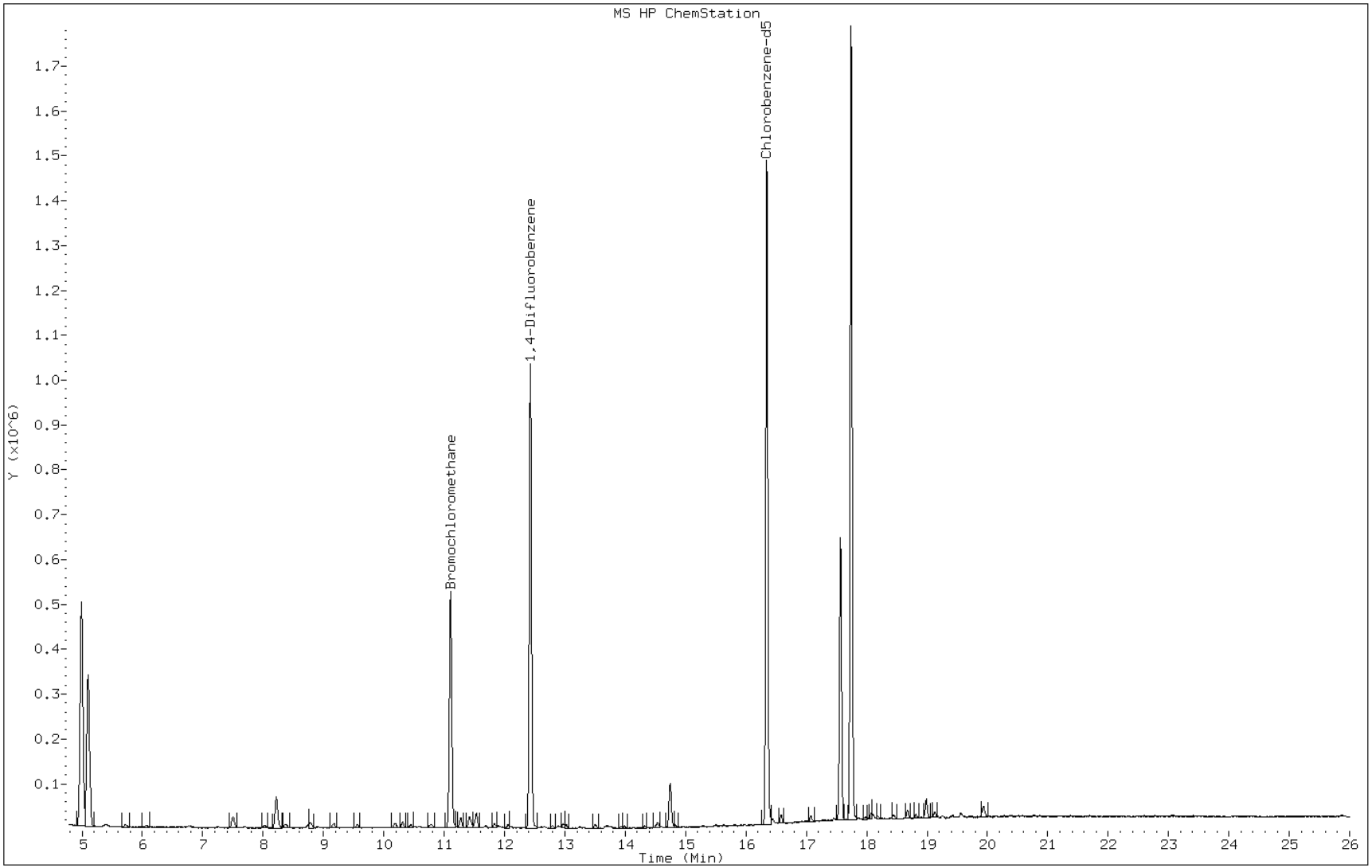
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	15231	0.12237	1.2(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: cknq009.d
Client ID: 774VMP0201AD
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 280-25116-A-2
Lab Sample ID: 280-25116-2

Date: 06-FEB-2012 15:57
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



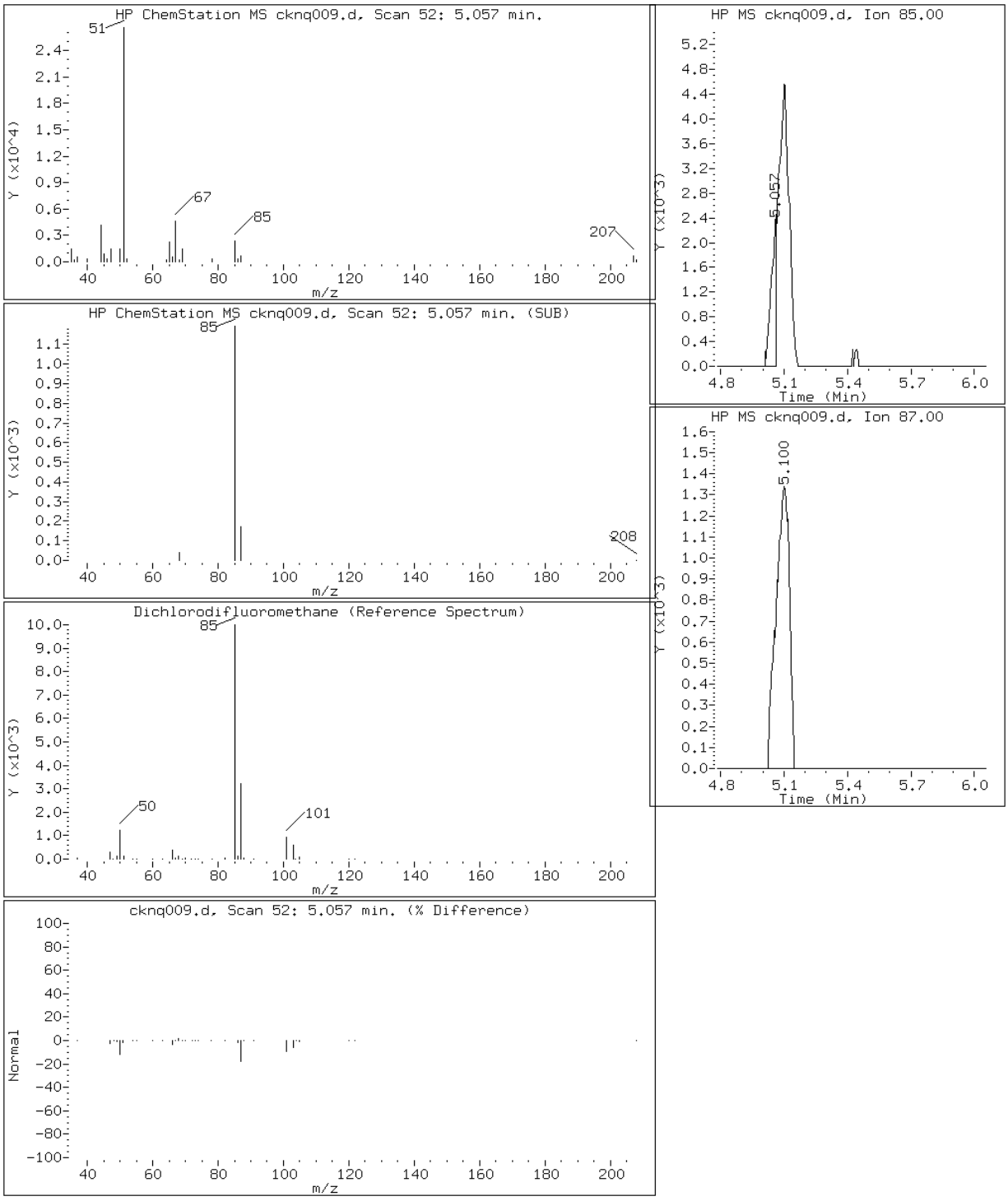
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

2 Dichlorodifluoromethane



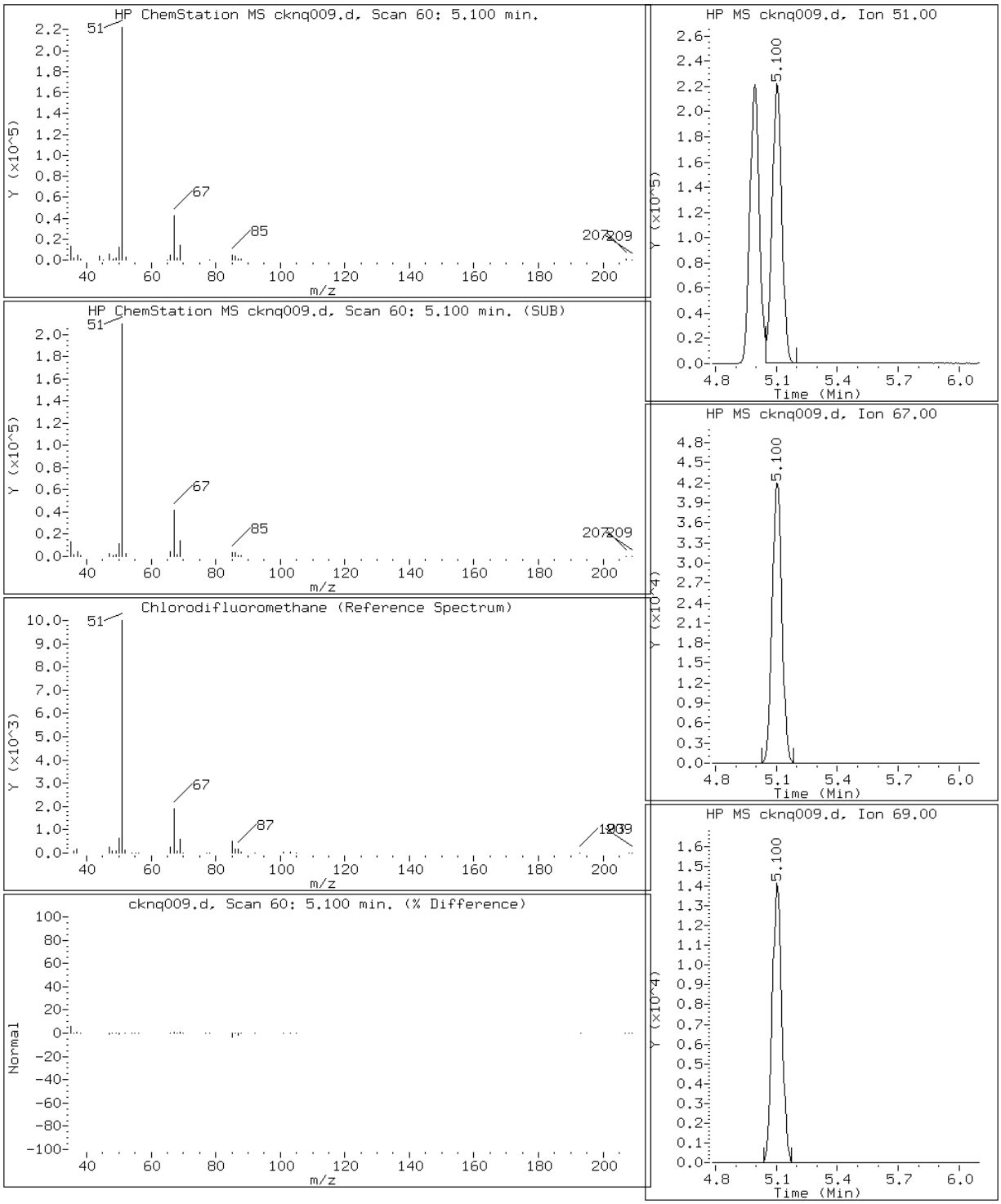
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

3 Chlorodifluoromethane



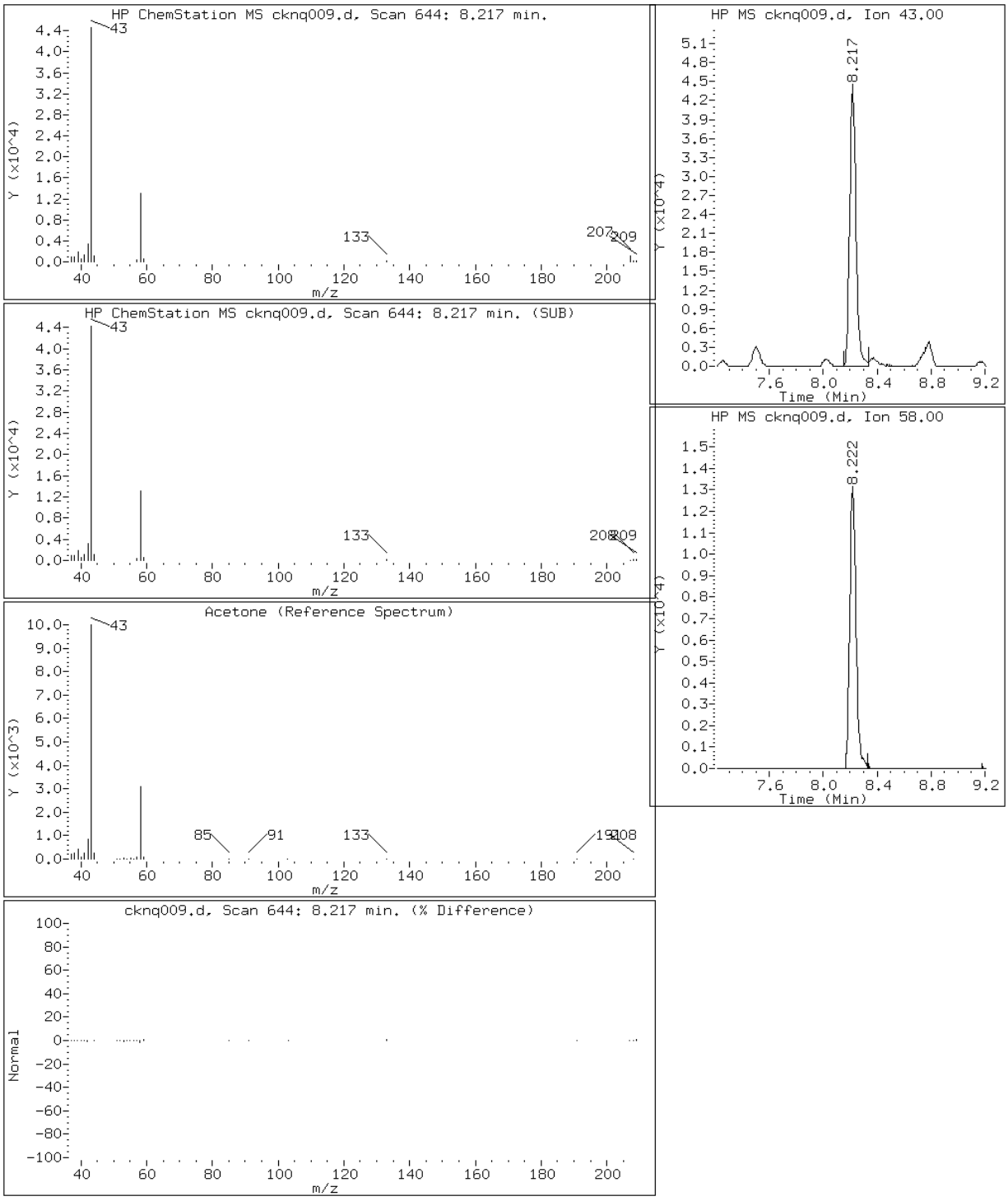
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

20 Acetone



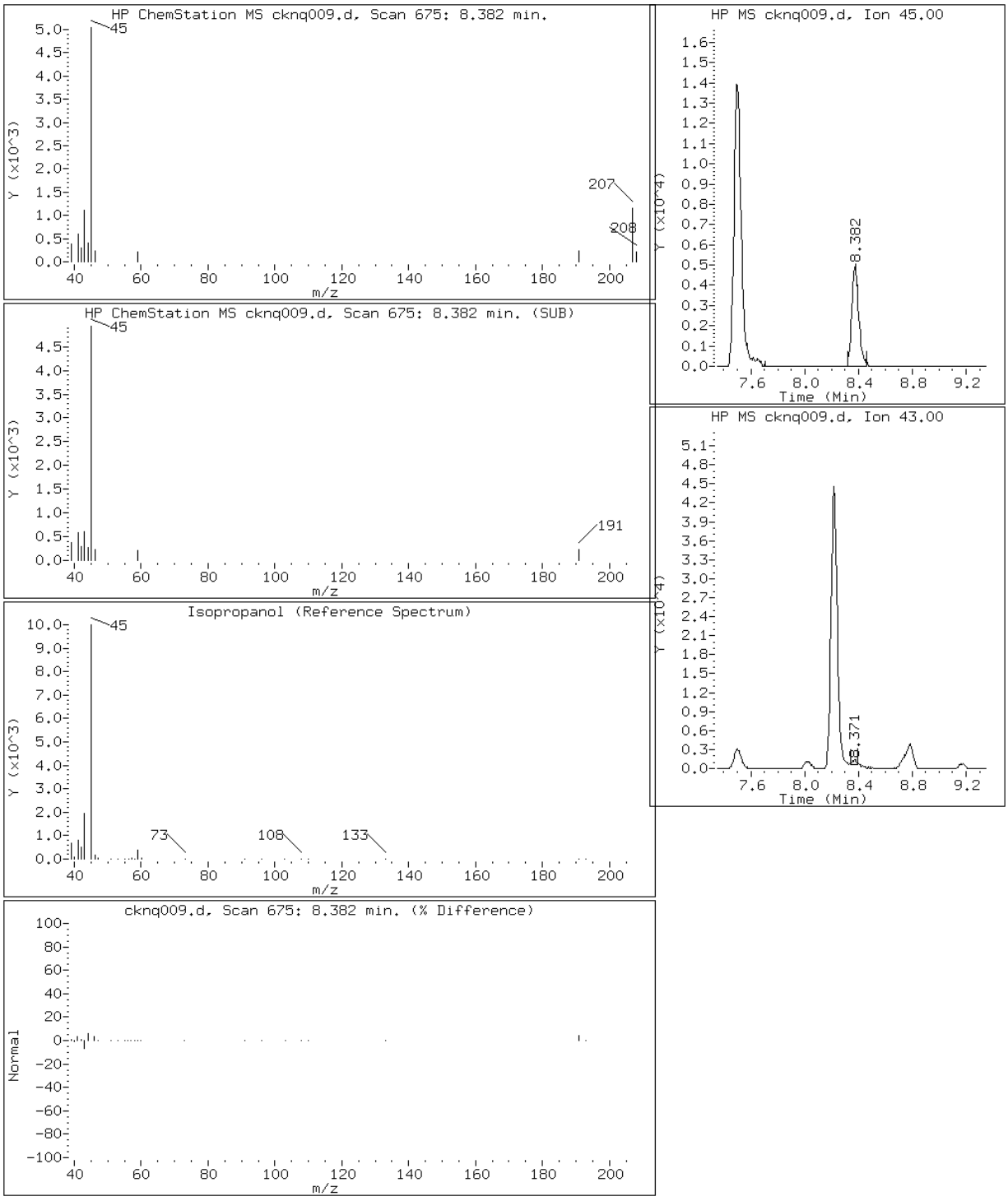
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

22 Isopropanol



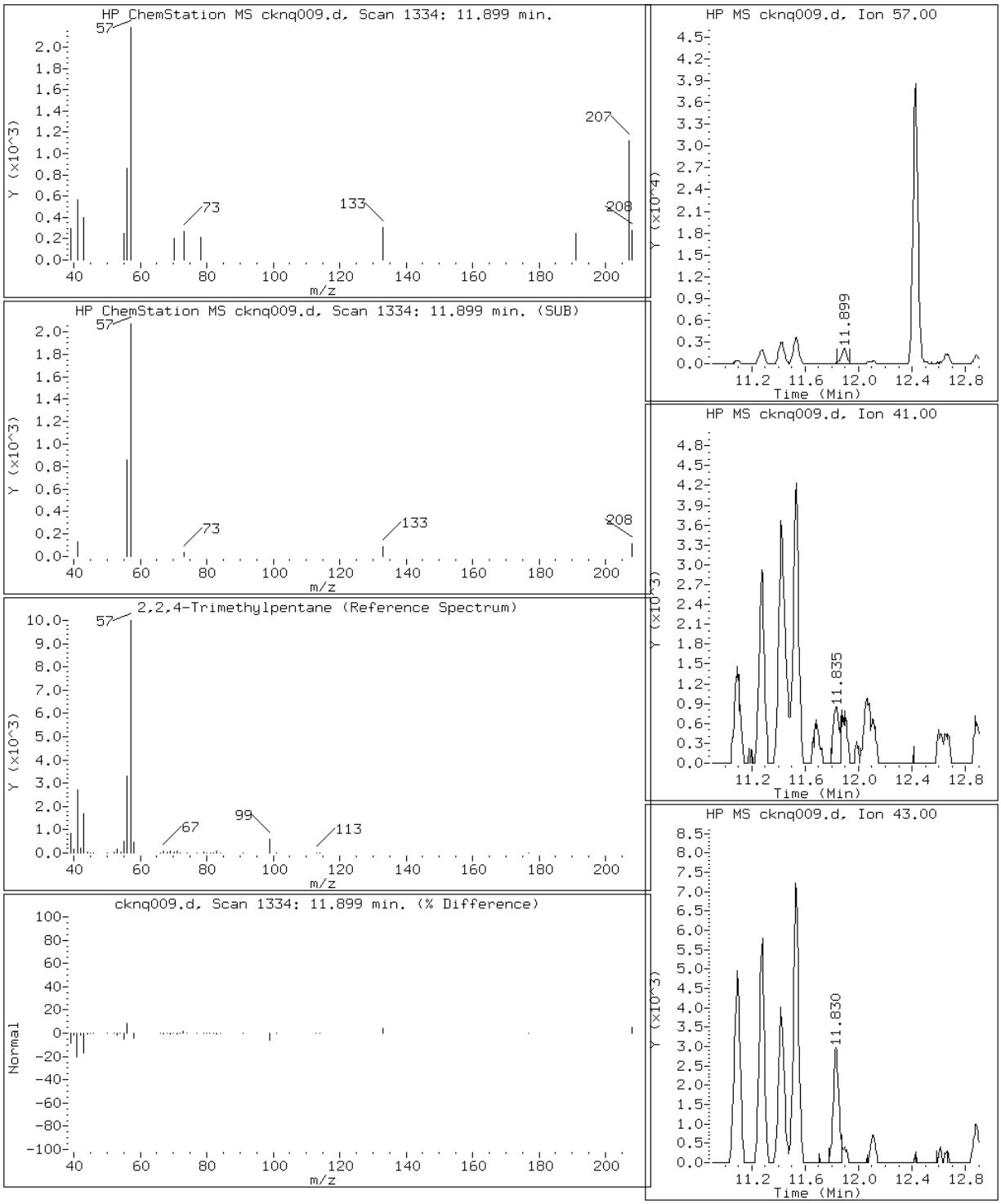
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

43 2,2,4-Trimethylpentane



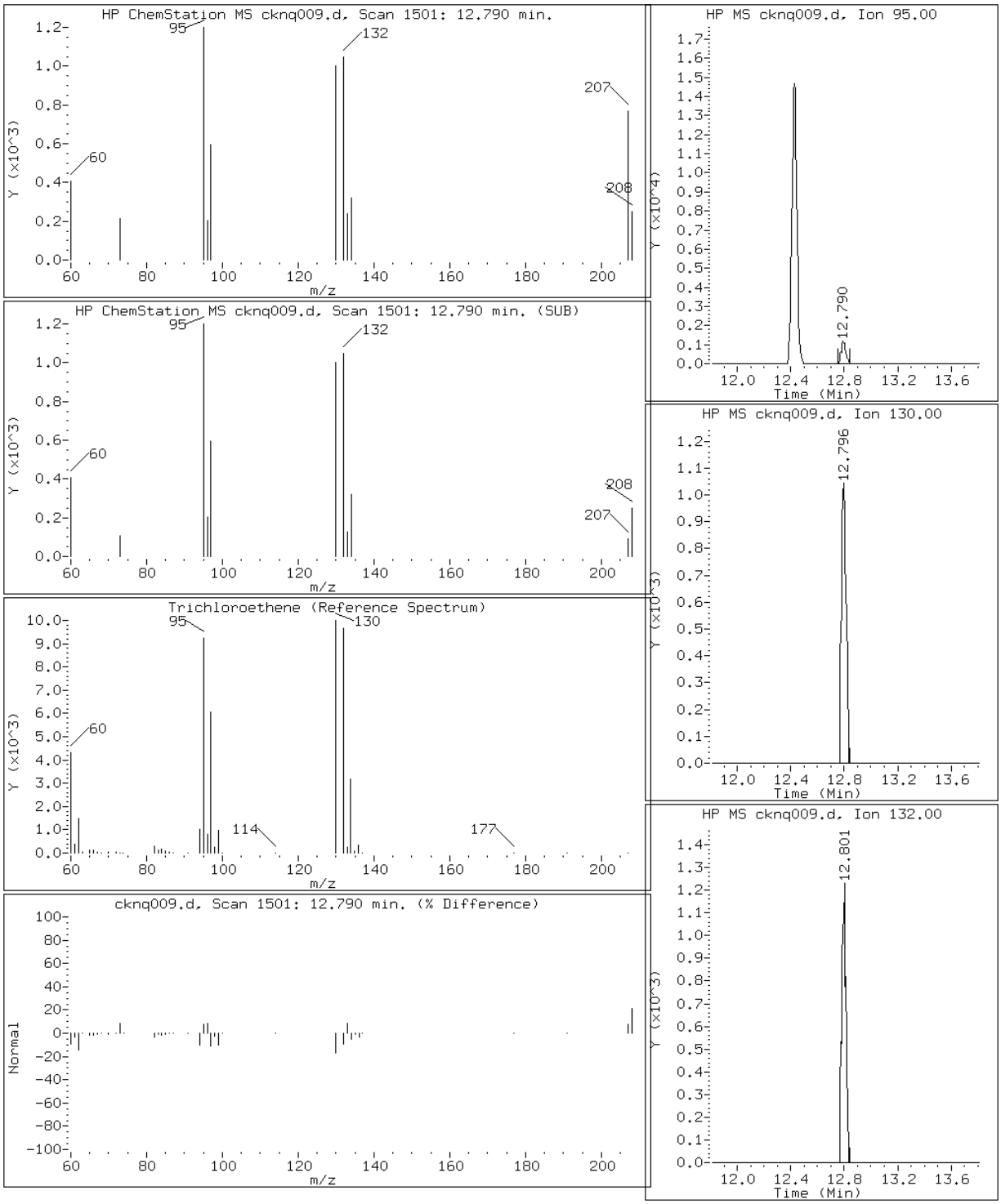
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

49 Trichloroethene



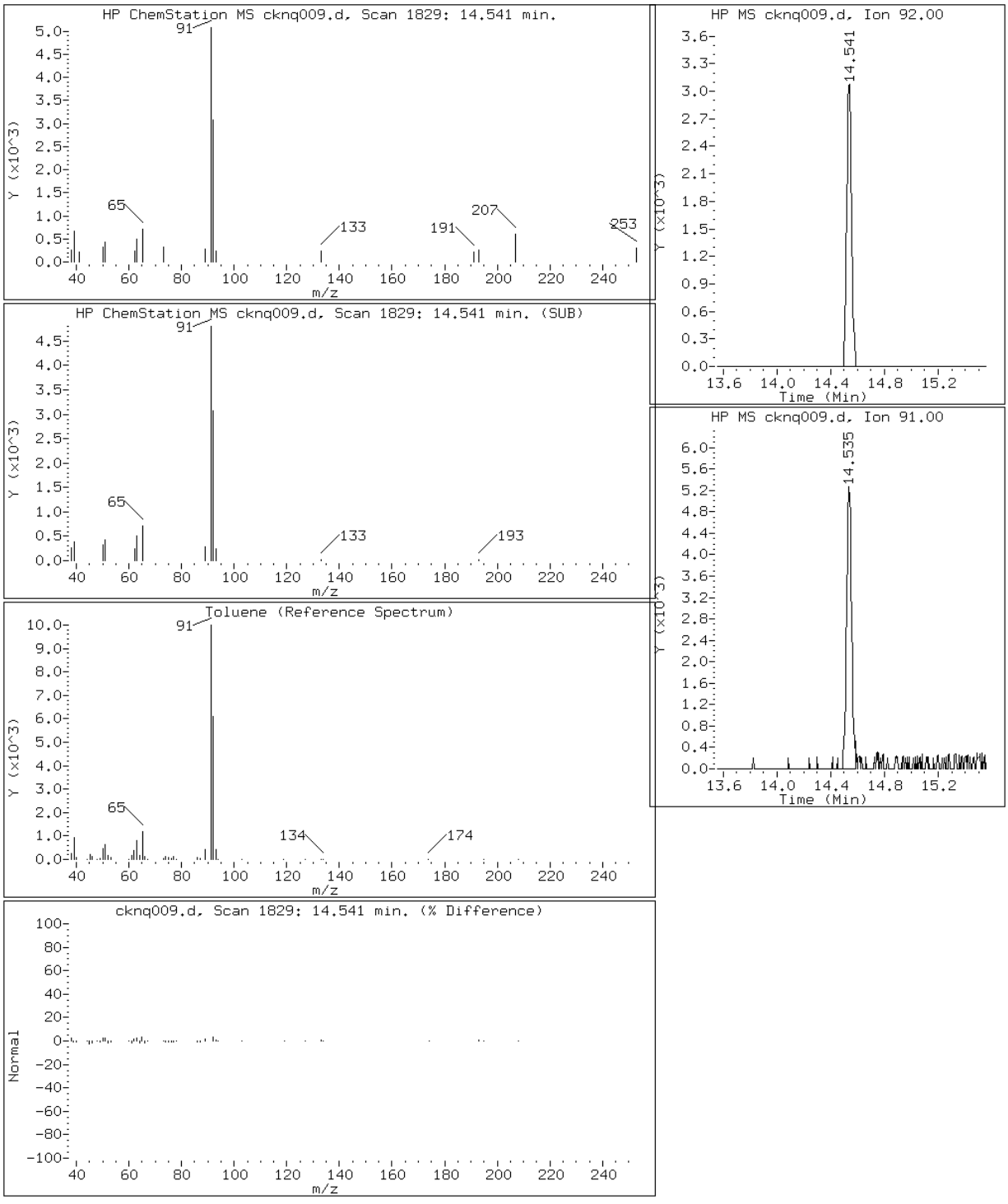
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Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

58 Toluene



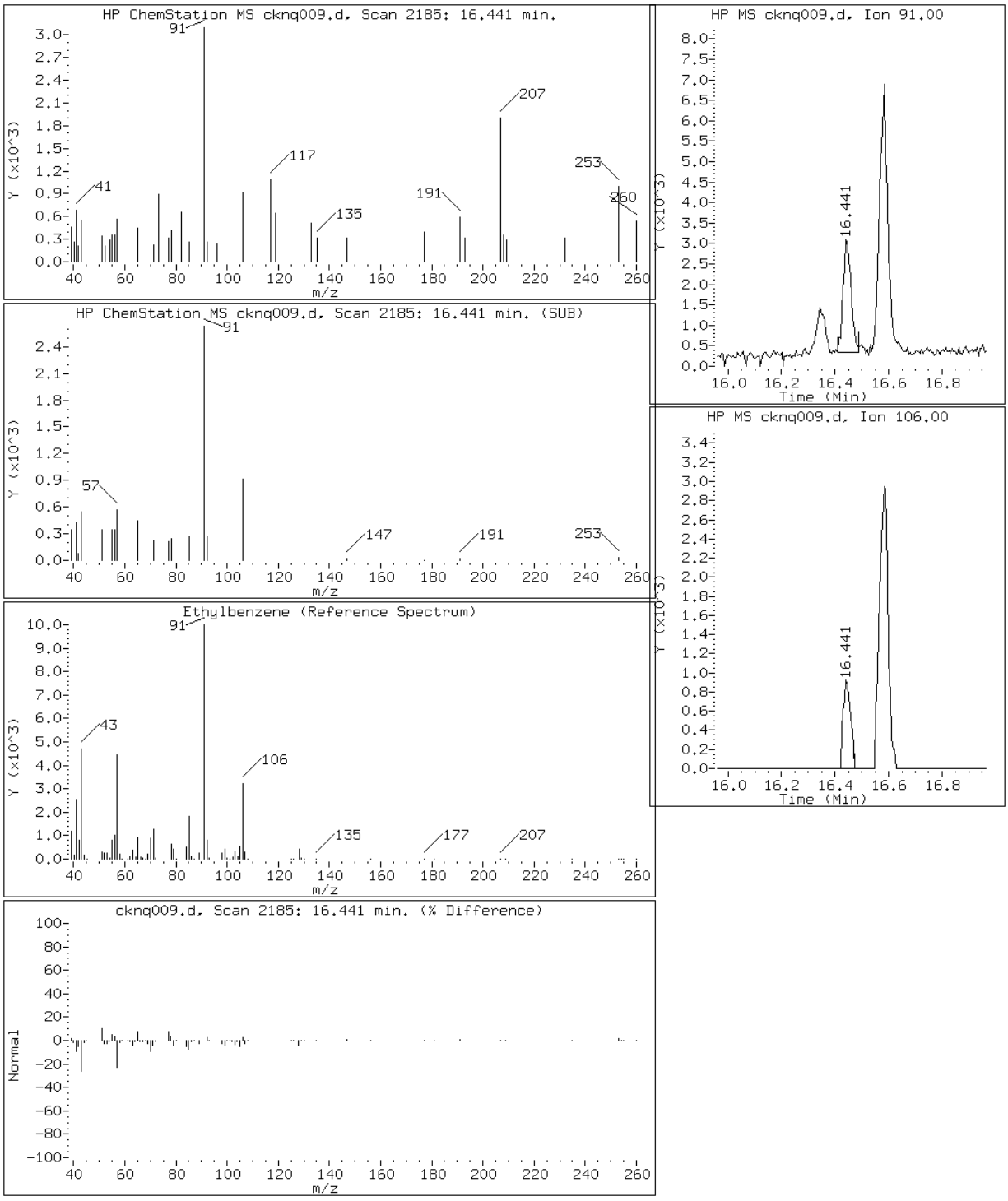
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

68 Ethylbenzene



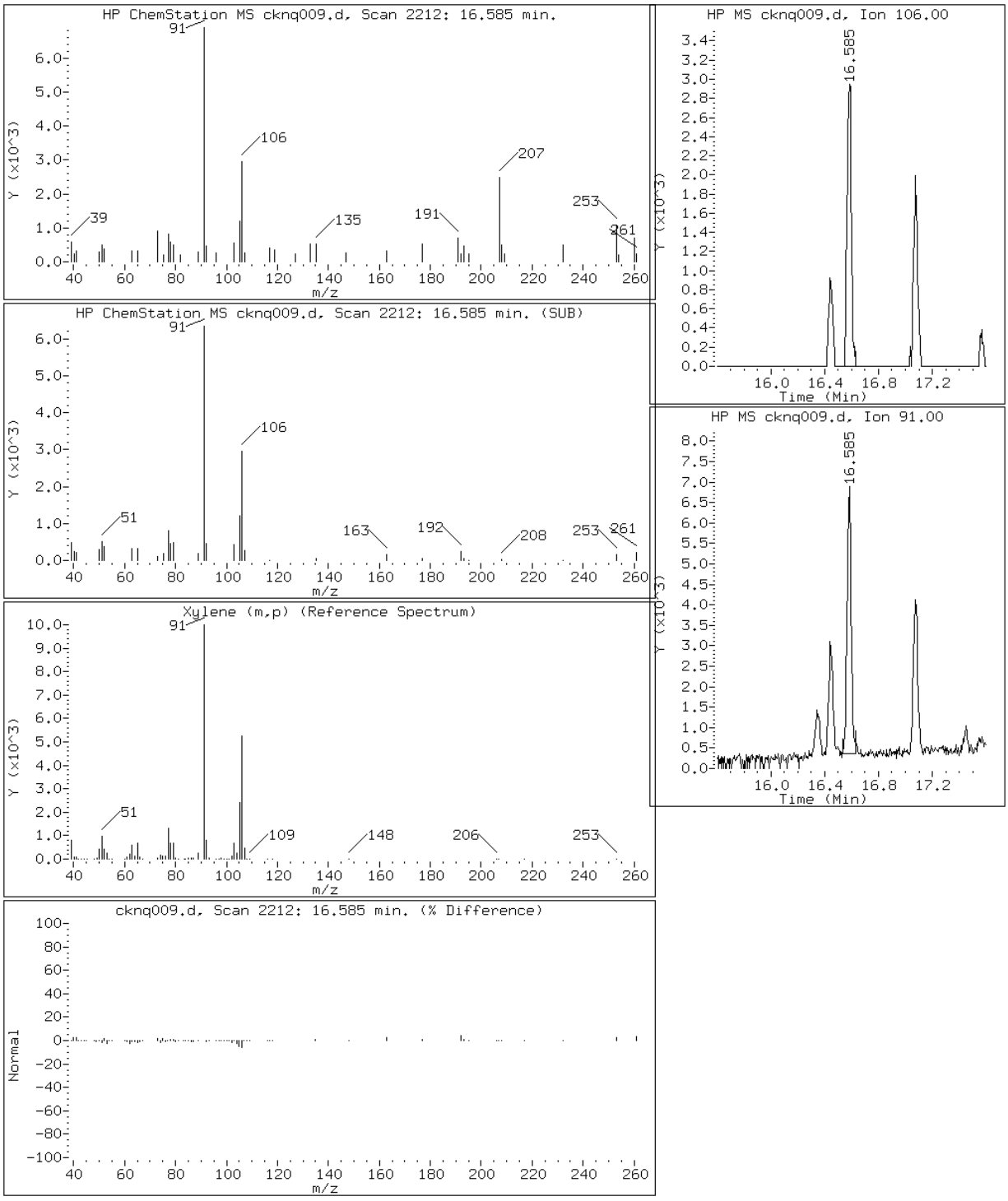
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

69 Xylene (m,p)



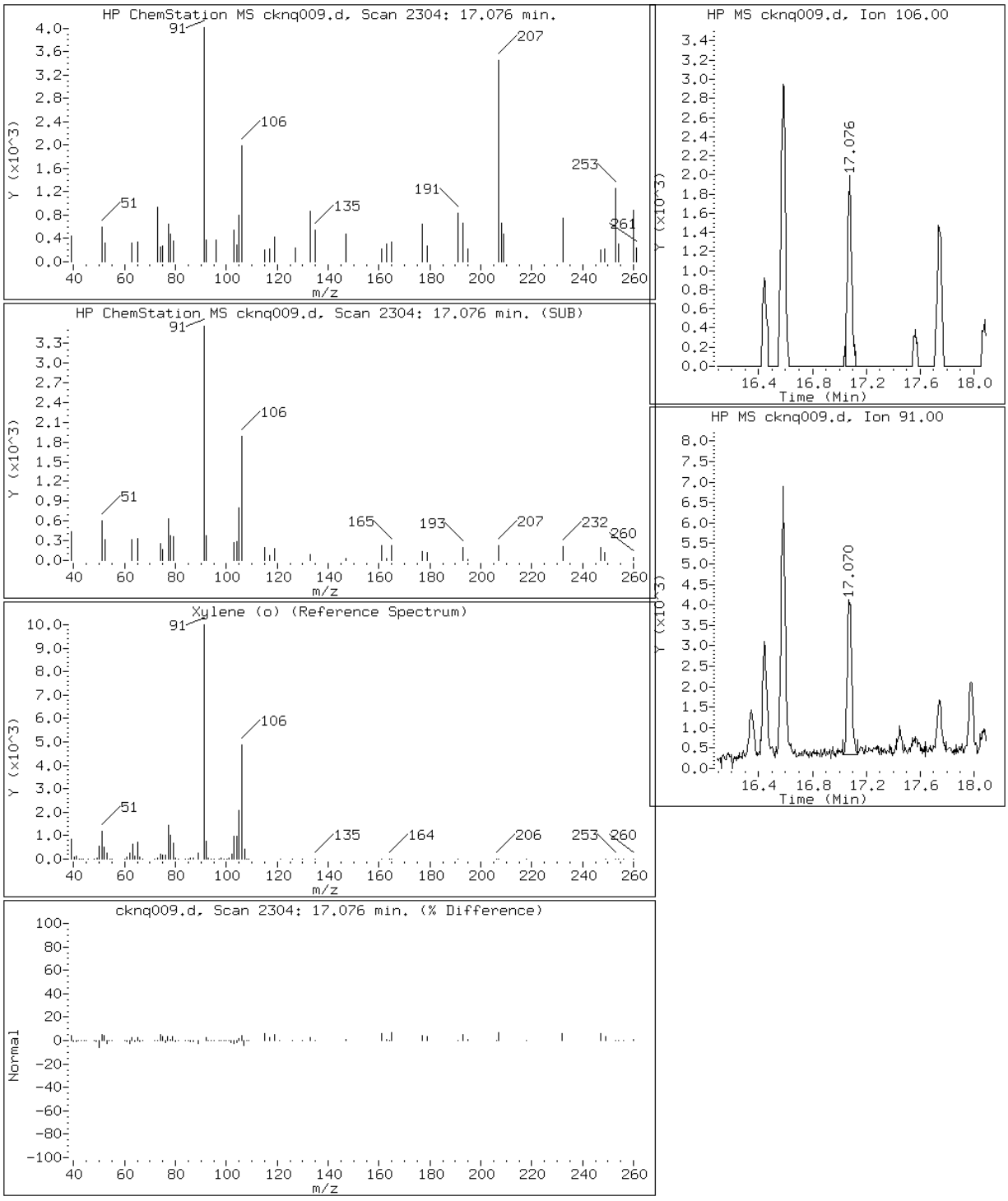
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-2 Operator: wrd

71 Xylene (o)



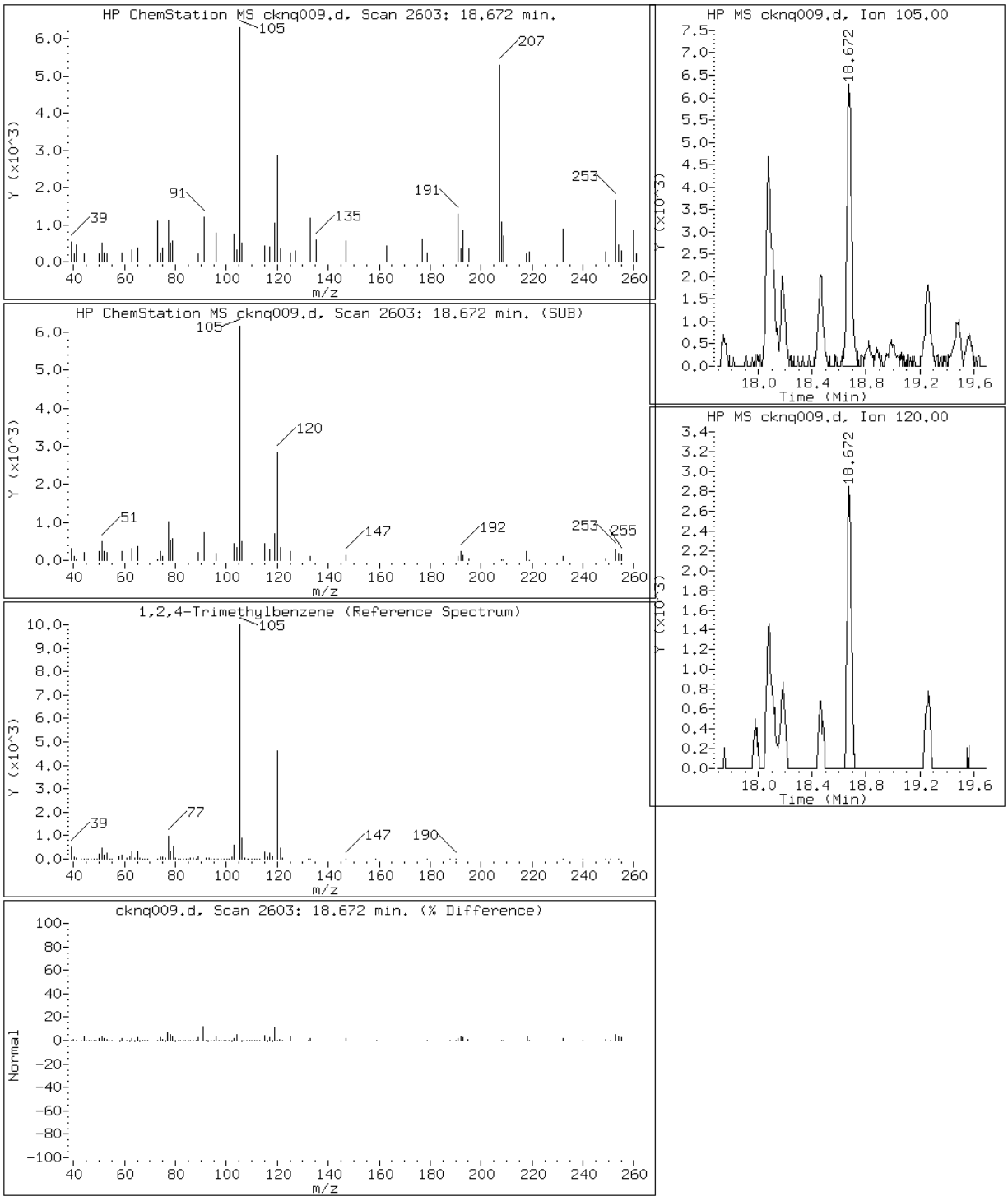
Data File: cknq009.d

Lab Sample ID: 280-25116-2 Date: 06-FEB-2012 15:57

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-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.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0301AD Lab Sample ID: 280-25116-3

Matrix: Air Lab File ID: cknq010.d

Analysis Method: TO-15 Date Collected: 01/26/2012 10:20

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 16:47

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.70	J D M	5.0	0.38
75-45-6	Freon 22	86.47	250	D	5.0	0.34
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.80	U	2.0	0.32
74-87-3	Chloromethane	50.49	0.40	U	5.0	0.13
106-97-8	n-Butane	58.12	0.40	U	5.0	0.11
75-01-4	Vinyl chloride	62.50	0.80	U	2.0	0.29
106-99-0	1,3-Butadiene	54.09	0.40	U	2.0	0.10
74-83-9	Bromomethane	94.94	0.40	U	2.0	0.12
75-00-3	Chloroethane	64.52	0.40	U	5.0	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.40	U	2.0	0.19
75-69-4	Trichlorofluoromethane	137.37	3.8	D	2.0	0.34
76-13-1	Freon TF	187.38	0.40	U	2.0	0.10
75-35-4	1,1-Dichloroethene	96.94	0.80	U	2.0	0.30
67-64-1	Acetone	58.08	13	J D	50	0.45
67-63-0	Isopropyl alcohol	60.10	10	J D	50	0.37
75-15-0	Carbon disulfide	76.14	2.0	U	5.0	0.66
107-05-1	3-Chloropropene	76.53	0.40	U	5.0	0.19
75-09-2	Methylene Chloride	84.93	0.40	U	5.0	0.13
75-65-0	tert-Butyl alcohol	74.12	2.0	U	50	0.71
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	2.0	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.80	U	2.0	0.32
110-54-3	n-Hexane	86.17	0.80	U	2.0	0.26
75-34-3	1,1-Dichloroethane	98.96	1.3	U	2.0	0.35
78-93-3	Methyl Ethyl Ketone	72.11	2.6	J D	5.0	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.40	U	2.0	0.14
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	2.0	0.14
67-66-3	Chloroform	119.38	0.80	U	2.0	0.31
109-99-9	Tetrahydrofuran	72.11	4.0	J D	50	0.18
71-55-6	1,1,1-Trichloroethane	133.41	1.3	U	2.0	0.35
110-82-7	Cyclohexane	84.16	1.3	U	2.0	0.39
56-23-5	Carbon tetrachloride	153.81	1.3	U	2.0	0.33
540-84-1	2,2,4-Trimethylpentane	114.23	1.3	U	2.0	0.36
71-43-2	Benzene	78.11	0.40	U	2.0	0.18
107-06-2	1,2-Dichloroethane	98.96	0.80	U	2.0	0.31
142-82-5	n-Heptane	100.21	0.40	U	2.0	0.10

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0301AD Lab Sample ID: 280-25116-3

Matrix: Air Lab File ID: cknq010.d

Analysis Method: TO-15 Date Collected: 01/26/2012 10:20

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 16:47

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.80	U	2.0	0.30
80-62-6	Methyl methacrylate	100.12	0.40	U	5.0	0.13
78-87-5	1,2-Dichloropropane	112.99	0.40	U	2.0	0.14
123-91-1	1,4-Dioxane	88.11	3.2	U	50	0.88
75-27-4	Bromodichloromethane	163.83	0.80	U	2.0	0.28
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	2.0	0.16
108-10-1	methyl isobutyl ketone	100.16	0.80	U	5.0	0.26
108-88-3	Toluene	92.14	0.33	J D	2.0	0.18
10061-02-6	trans-1,3-Dichloropropene	110.97	0.80	U	2.0	0.20
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	2.0	0.19
127-18-4	Tetrachloroethene	165.83	0.40	U	2.0	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.3	U	5.0	0.39
124-48-1	Dibromochloromethane	208.29	0.80	U	2.0	0.21
106-93-4	1,2-Dibromoethane	187.87	0.40	U	2.0	0.18
108-90-7	Chlorobenzene	112.30	0.80	U	2.0	0.20
100-41-4	Ethylbenzene	106.17	0.80	U	2.0	0.22
179601-23-1	m,p-Xylene	106.17	1.6	U	5.0	0.48
95-47-6	Xylene, o-	106.17	0.80	U	2.0	0.22
1330-20-7	Xylene (total)	106.17	0.80	U	2.0	0.22
100-42-5	Styrene	104.15	0.80	U	2.0	0.30
75-25-2	Bromoform	252.75	0.40	U	2.0	0.19
98-82-8	Cumene	120.19	0.80	U	2.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.3	U	2.0	0.40
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.50
622-96-8	4-Ethyltoluene	120.20	1.3	U	2.0	0.46
108-67-8	1,3,5-Trimethylbenzene	120.20	1.3	U	2.0	0.51
95-49-8	2-Chlorotoluene	126.59	1.3	U	2.0	0.47
98-06-6	tert-Butylbenzene	134.22	1.3	U	2.0	0.47
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3	U	2.0	0.52
135-98-8	sec-Butylbenzene	134.22	1.3	U	2.0	0.47
99-87-6	4-Isopropyltoluene	134.22	1.3	U	2.0	0.48
541-73-1	1,3-Dichlorobenzene	147.00	1.3	U	2.0	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.3	U	2.0	0.44
100-44-7	Benzyl chloride	126.58	1.3	U	2.0	0.46
104-51-8	n-Butylbenzene	134.22	1.3	U	2.0	0.55

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0301AD Lab Sample ID: 280-25116-3

Matrix: Air Lab File ID: cknq010.d

Analysis Method: TO-15 Date Collected: 01/26/2012 10:20

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 16:47

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	1.3	U	2.0	0.48
120-82-1	1,2,4-Trichlorobenzene	181.45	1.3	U	5.0	0.50
87-68-3	Hexachlorobutadiene	260.76	2.0	U	2.0	0.65
91-20-3	Naphthalene	128.17	3.2	U	5.0	0.86

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0301AD Lab Sample ID: 280-25116-3

Matrix: Air Lab File ID: cknq010.d

Analysis Method: TO-15 Date Collected: 01/26/2012 10:20

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 16:47

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.5	J D M	25	1.9
75-45-6	Freon 22	86.47	880	D	18	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.6	U	14	2.2
74-87-3	Chloromethane	50.49	0.83	U	10	0.27
106-97-8	n-Butane	58.12	0.95	U	12	0.26
75-01-4	Vinyl chloride	62.50	2.0	U	5.1	0.74
106-99-0	1,3-Butadiene	54.09	0.88	U	4.4	0.22
74-83-9	Bromomethane	94.94	1.6	U	7.8	0.47
75-00-3	Chloroethane	64.52	1.1	U	13	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.7	U	8.7	0.83
75-69-4	Trichlorofluoromethane	137.37	21	D	11	1.9
76-13-1	Freon TF	187.38	3.1	U	15	0.77
75-35-4	1,1-Dichloroethene	96.94	3.2	U	7.9	1.2
67-64-1	Acetone	58.08	30	J D	120	1.1
67-63-0	Isopropyl alcohol	60.10	25	J D	120	0.91
75-15-0	Carbon disulfide	76.14	6.2	U	16	2.1
107-05-1	3-Chloropropene	76.53	1.3	U	16	0.59
75-09-2	Methylene Chloride	84.93	1.4	U	17	0.45
75-65-0	tert-Butyl alcohol	74.12	6.1	U	150	2.2
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	7.2	0.58
156-60-5	trans-1,2-Dichloroethene	96.94	3.2	U	7.9	1.3
110-54-3	n-Hexane	86.17	2.8	U	7.0	0.92
75-34-3	1,1-Dichloroethane	98.96	5.3	U	8.1	1.4
78-93-3	Methyl Ethyl Ketone	72.11	7.6	J D	15	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	7.9	0.56
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	7.9	0.56
67-66-3	Chloroform	119.38	3.9	U	9.8	1.5
109-99-9	Tetrahydrofuran	72.11	12	J D	150	0.53
71-55-6	1,1,1-Trichloroethane	133.41	7.1	U	11	1.9
110-82-7	Cyclohexane	84.16	4.5	U	6.9	1.3
56-23-5	Carbon tetrachloride	153.81	8.2	U	13	2.1
540-84-1	2,2,4-Trimethylpentane	114.23	6.1	U	9.3	1.7
71-43-2	Benzene	78.11	1.3	U	6.4	0.58
107-06-2	1,2-Dichloroethane	98.96	3.2	U	8.1	1.3
142-82-5	n-Heptane	100.21	1.6	U	8.2	0.41

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0301AD Lab Sample ID: 280-25116-3

Matrix: Air Lab File ID: cknq010.d

Analysis Method: TO-15 Date Collected: 01/26/2012 10:20

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 16:47

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	4.3	U	11	1.6
80-62-6	Methyl methacrylate	100.12	1.6	U	20	0.53
78-87-5	1,2-Dichloropropane	112.99	1.8	U	9.2	0.65
123-91-1	1,4-Dioxane	88.11	12	U	180	3.2
75-27-4	Bromodichloromethane	163.83	5.4	U	13	1.9
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	9.1	0.73
108-10-1	methyl isobutyl ketone	100.16	3.3	U	20	1.1
108-88-3	Toluene	92.14	1.3	J D	7.5	0.68
10061-02-6	trans-1,3-Dichloropropene	110.97	3.6	U	9.1	0.91
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	11	1.0
127-18-4	Tetrachloroethene	165.83	2.7	U	14	0.75
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.3	U	20	1.6
124-48-1	Dibromochloromethane	208.29	6.8	U	17	1.8
106-93-4	1,2-Dibromoethane	187.87	3.1	U	15	1.4
108-90-7	Chlorobenzene	112.30	3.7	U	9.2	0.92
100-41-4	Ethylbenzene	106.17	3.5	U	8.7	0.96
179601-23-1	m,p-Xylene	106.17	6.9	U	22	2.1
95-47-6	Xylene, o-	106.17	3.5	U	8.7	0.96
1330-20-7	Xylene (total)	106.17	3.5	U	8.7	0.96
100-42-5	Styrene	104.15	3.4	U	8.5	1.3
75-25-2	Bromoform	252.75	4.1	U	21	2.0
98-82-8	Cumene	120.19	3.9	U	9.8	1.5
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.9	U	14	2.7
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	2.5
622-96-8	4-Ethyltoluene	120.20	6.4	U	9.8	2.3
108-67-8	1,3,5-Trimethylbenzene	120.20	6.4	U	9.8	2.5
95-49-8	2-Chlorotoluene	126.59	6.7	U	10	2.4
98-06-6	tert-Butylbenzene	134.22	7.1	U	11	2.6
95-63-6	1,2,4-Trimethylbenzene	120.20	6.4	U	9.8	2.6
135-98-8	sec-Butylbenzene	134.22	7.1	U	11	2.6
99-87-6	4-Isopropyltoluene	134.22	7.1	U	11	2.6
541-73-1	1,3-Dichlorobenzene	147.00	7.8	U	12	2.6
106-46-7	1,4-Dichlorobenzene	147.00	7.8	U	12	2.6
100-44-7	Benzyl chloride	126.58	6.7	U	10	2.4
104-51-8	n-Butylbenzene	134.22	7.1	U	11	3.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774VMP0301AD Lab Sample ID: 280-25116-3

Matrix: Air Lab File ID: cknq010.d

Analysis Method: TO-15 Date Collected: 01/26/2012 10:20

Sample wt/vol: 20(mL) Date Analyzed: 02/06/2012 16:47

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	7.8	U	12	2.9
120-82-1	1,2,4-Trichlorobenzene	181.45	9.6	U	37	3.7
87-68-3	Hexachlorobutadiene	260.76	21	U	21	6.9
91-20-3	Naphthalene	128.17	17	U	26	4.5

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-3
Client Smp ID: 774VMP0301AD
Inj Date : 06-FEB-2012 16:47
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-3
Misc Info : 20,10,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 8
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50

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	5.062	5.057	(0.456)	4348	0.07032	0.70(aMH)
3 Chlorodifluoromethane	51	5.100	5.100	(0.459)	828289	24.9642	250
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	7.138	7.149	(0.643)	23886	0.38137	3.8
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.211	8.211	(0.739)	40055	1.28148	13(a)
21 Carbon disulfide	76	Compound Not Detected.					

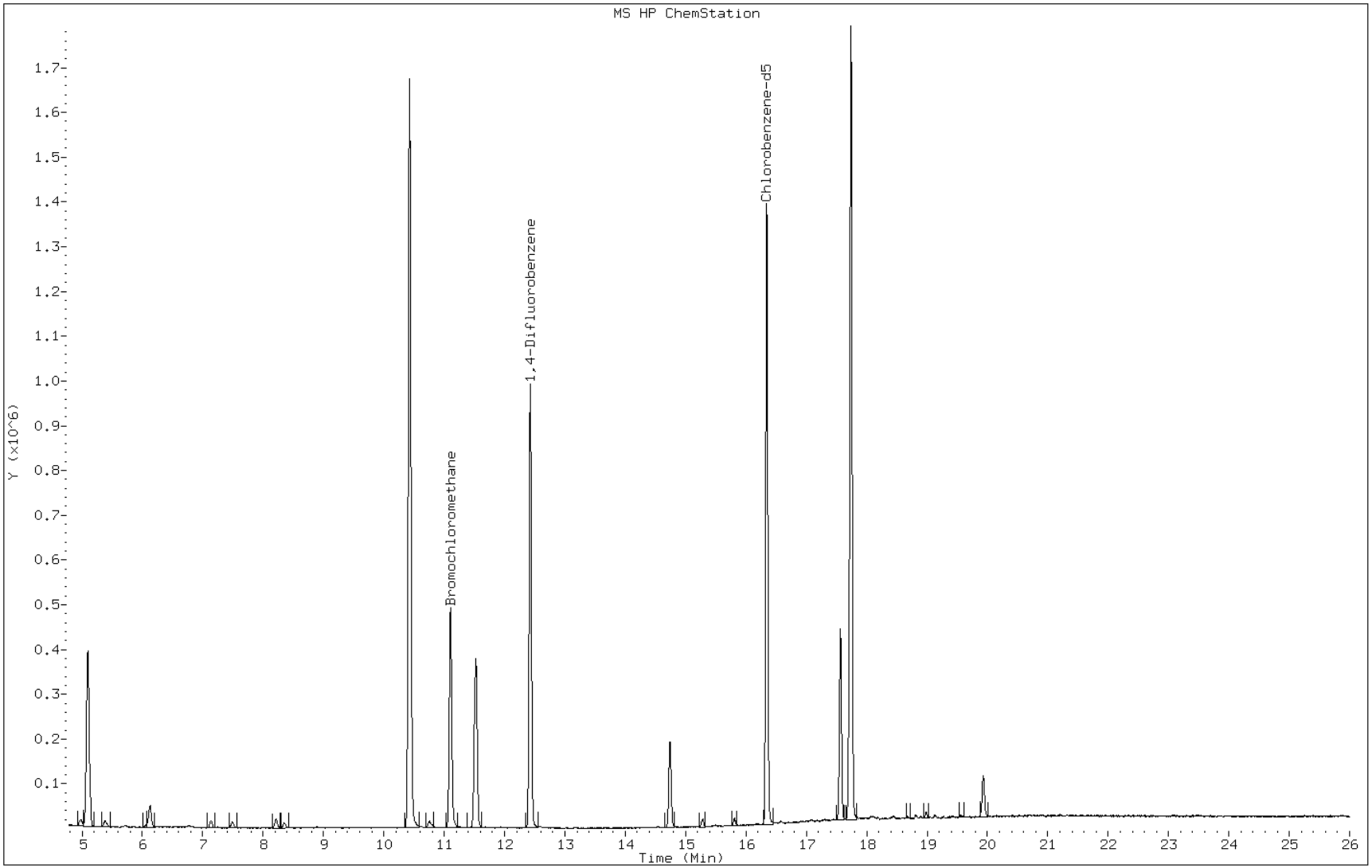
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.355	8.350	(0.752)	21603	1.00713	10(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	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	10.757	10.762	(0.968)	2958	0.25823	2.6(a)
*	37 Bromochloromethane	128	11.109	11.125	(1.000)	191659	10.0000	
	38 Tetrahydrofuran	42	11.162	11.152	(0.898)	9676	0.39588	4.0(a)
	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	12.427	12.443	(1.000)	1102374	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	14.541	14.557	(0.890)	1902	0.03332	0.33(aQ)
	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	16.345	16.366	(1.000)	1028161	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.
H - Operator selected an alternate compound hit.

Data File:	cknq010.d	Date:	06-FEB-2012 16:47
Client ID:	774VMP0301AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-3		
Lab Sample ID:	280-25116-3		



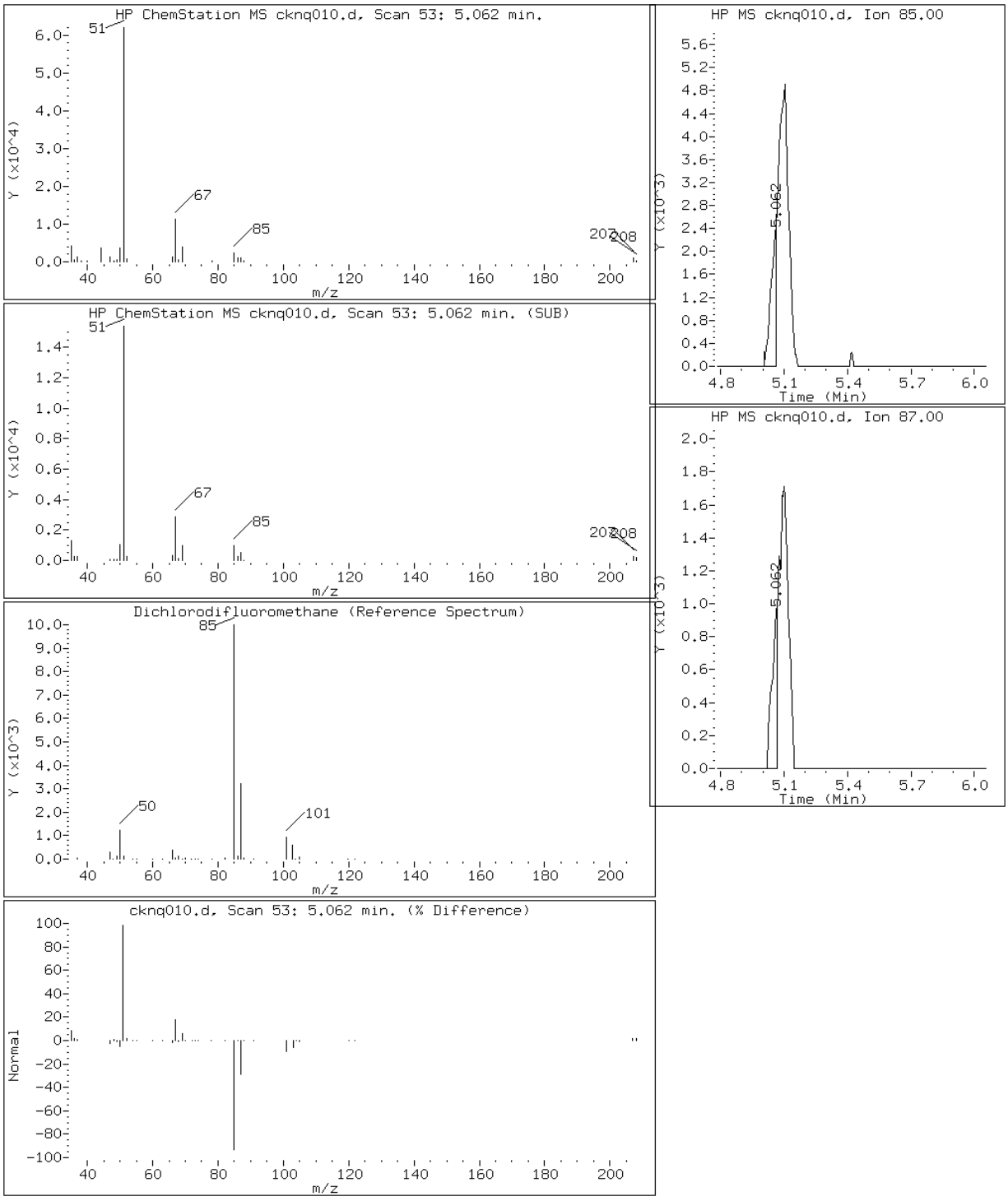
Data File: cknq010.d

Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

2 Dichlorodifluoromethane



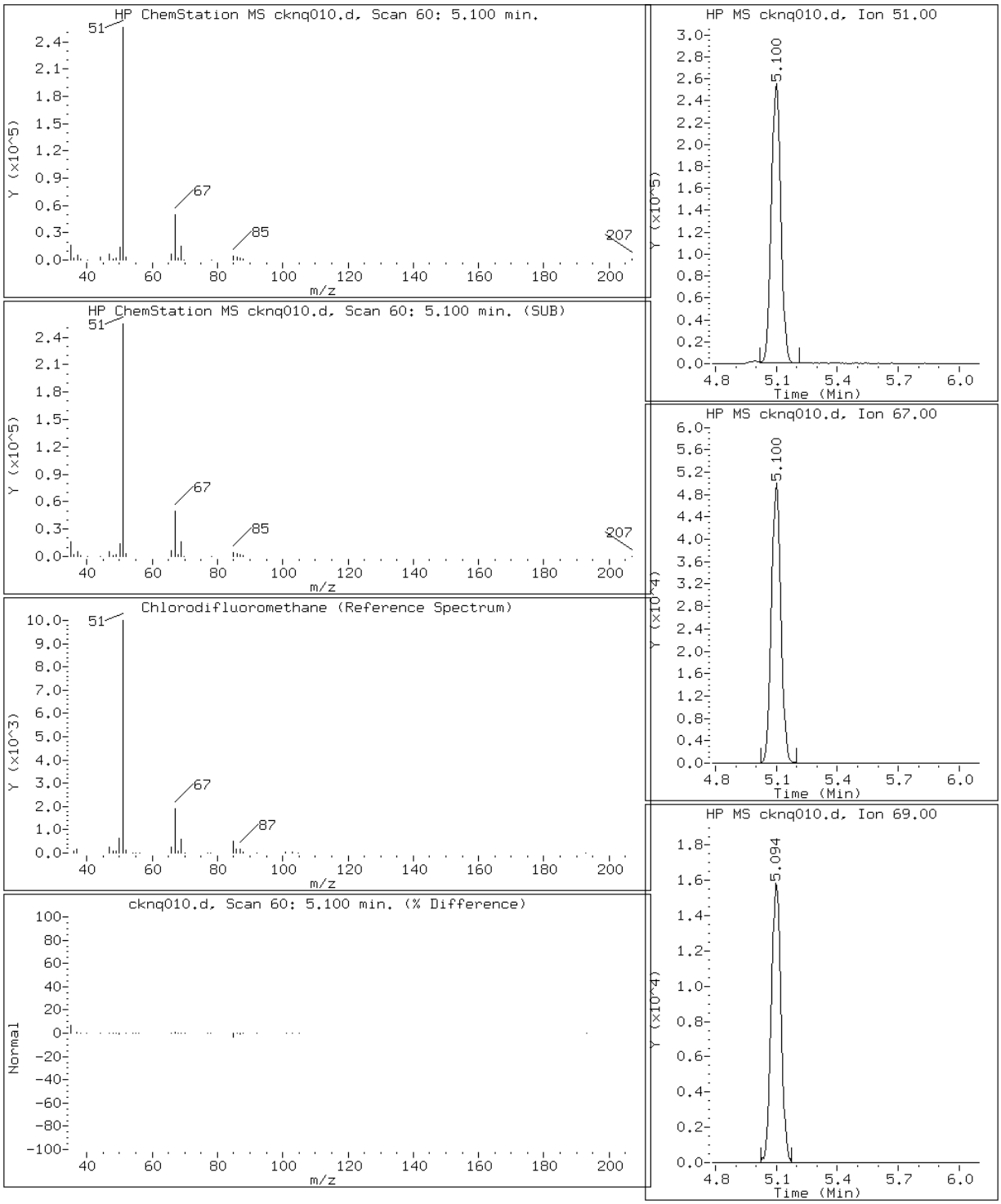
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Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

3 Chlorodifluoromethane



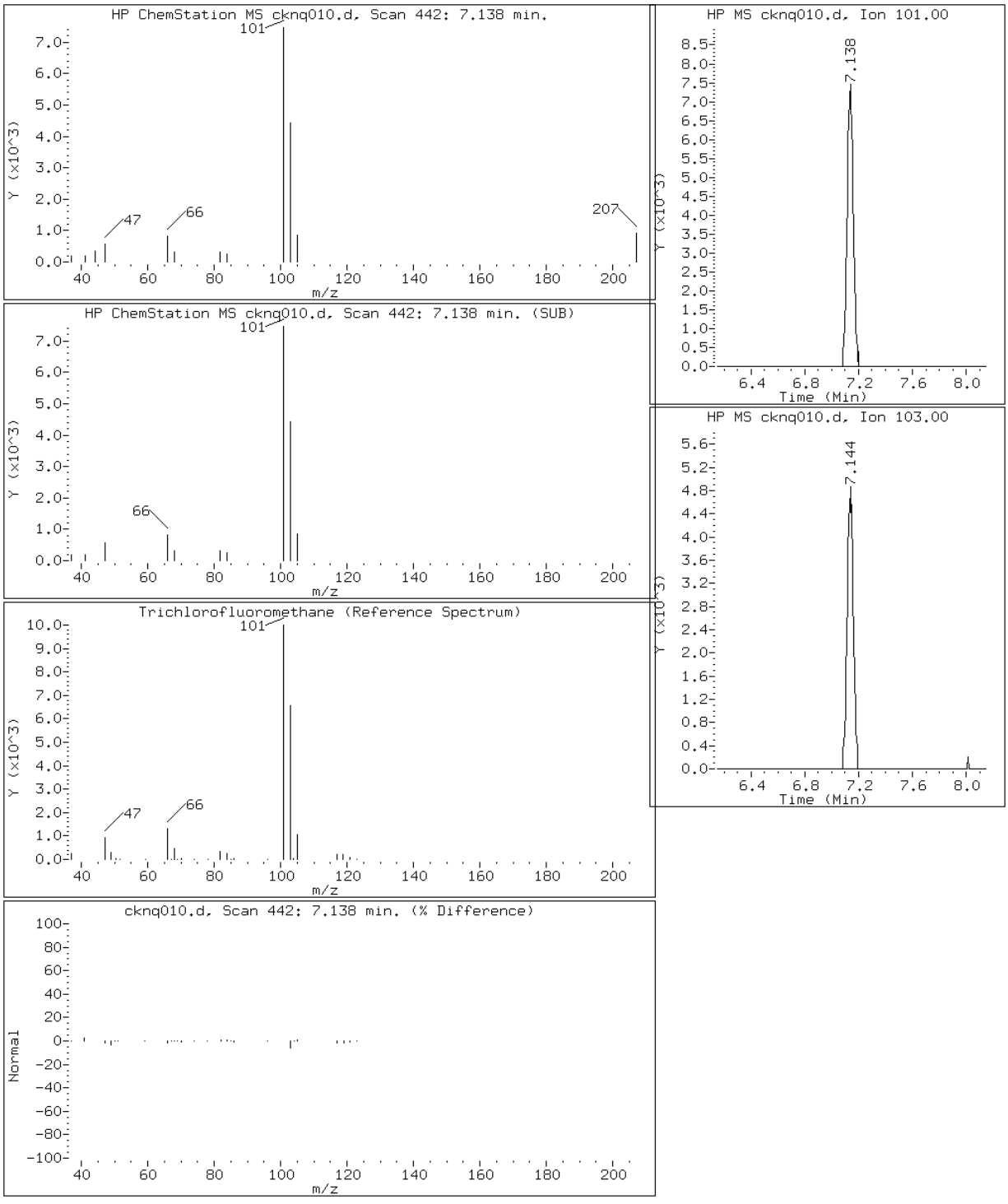
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Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

13 Trichlorofluoromethane



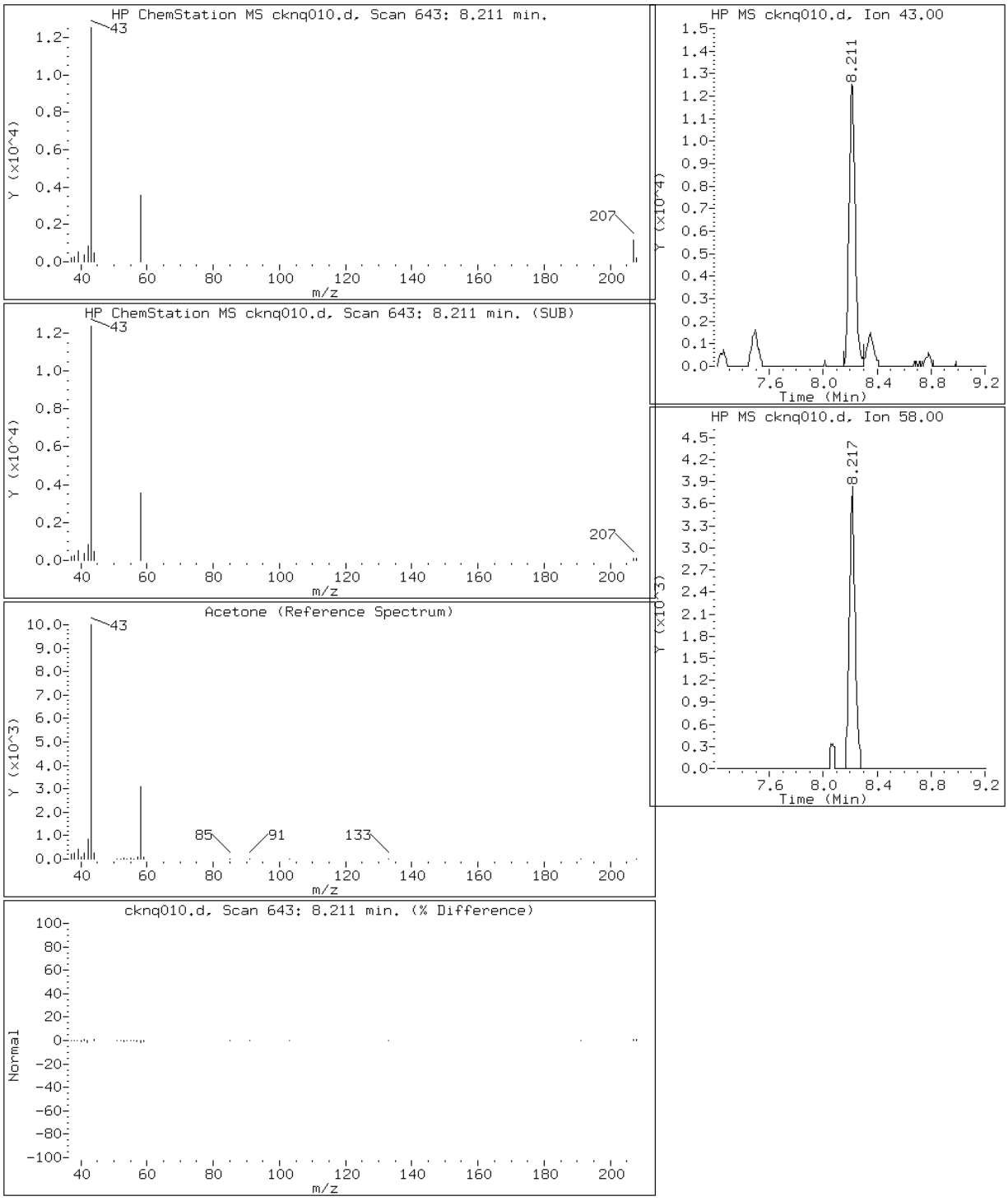
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Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

20 Acetone



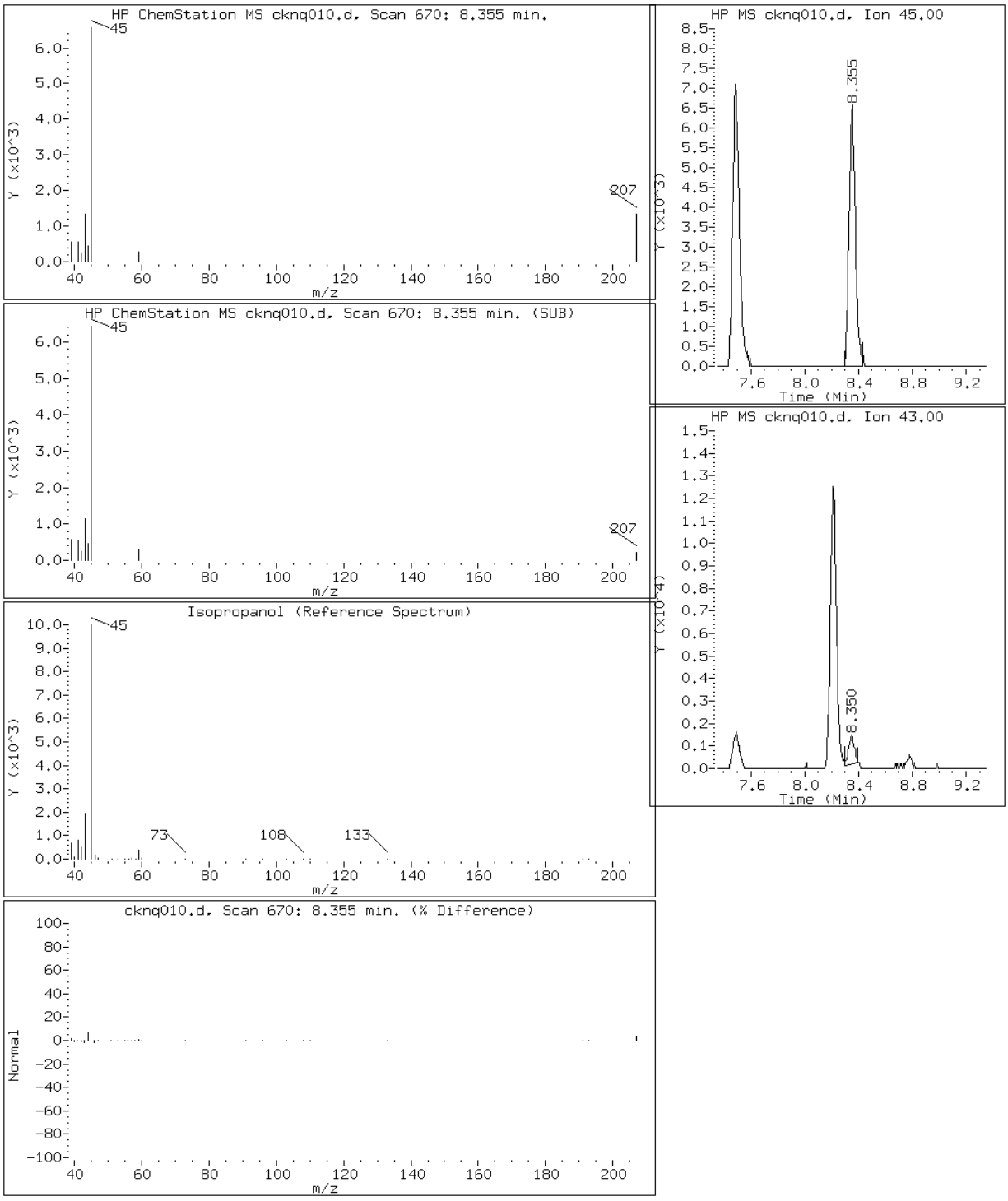
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Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

22 Isopropanol



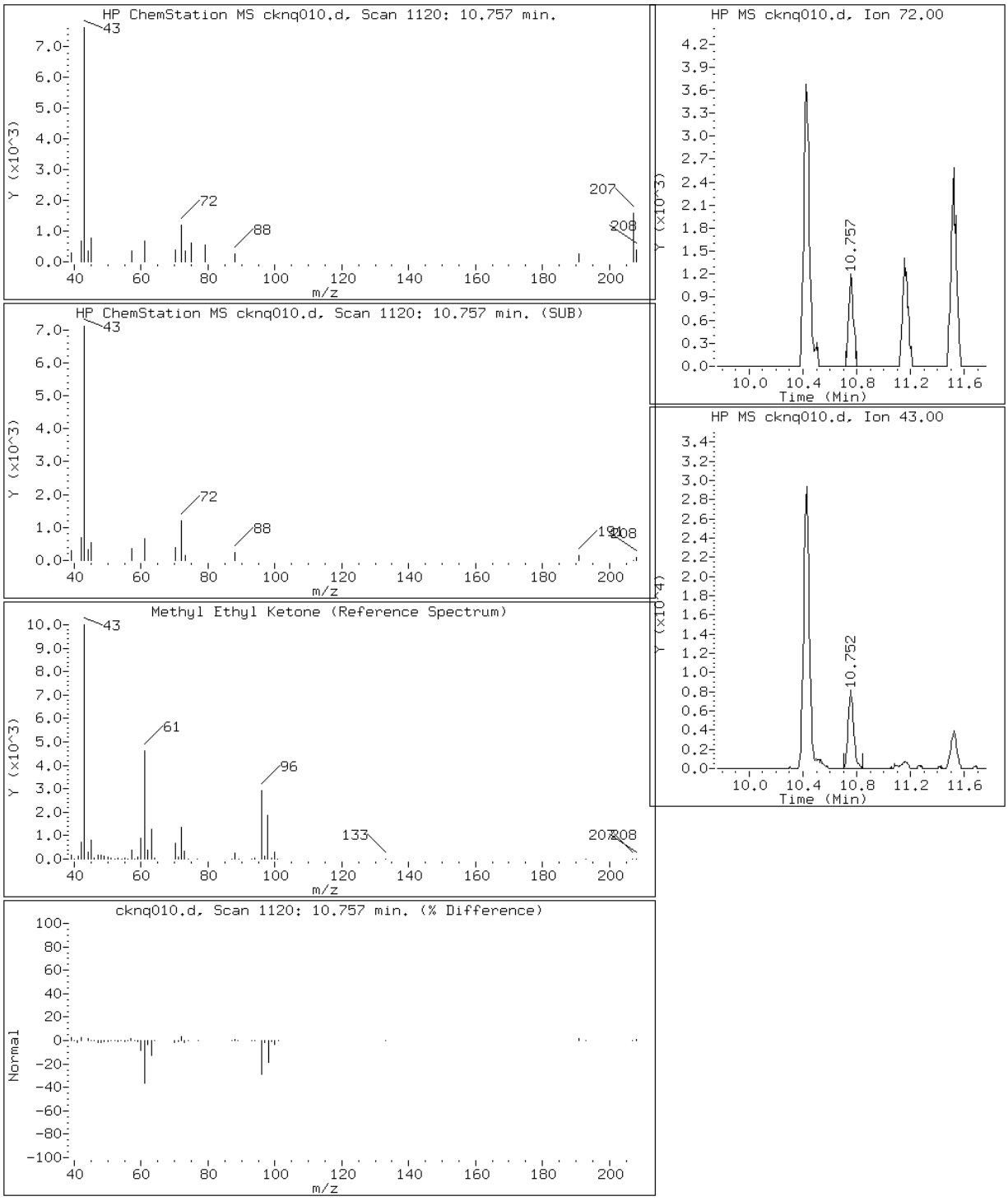
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Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

36 Methyl Ethyl Ketone



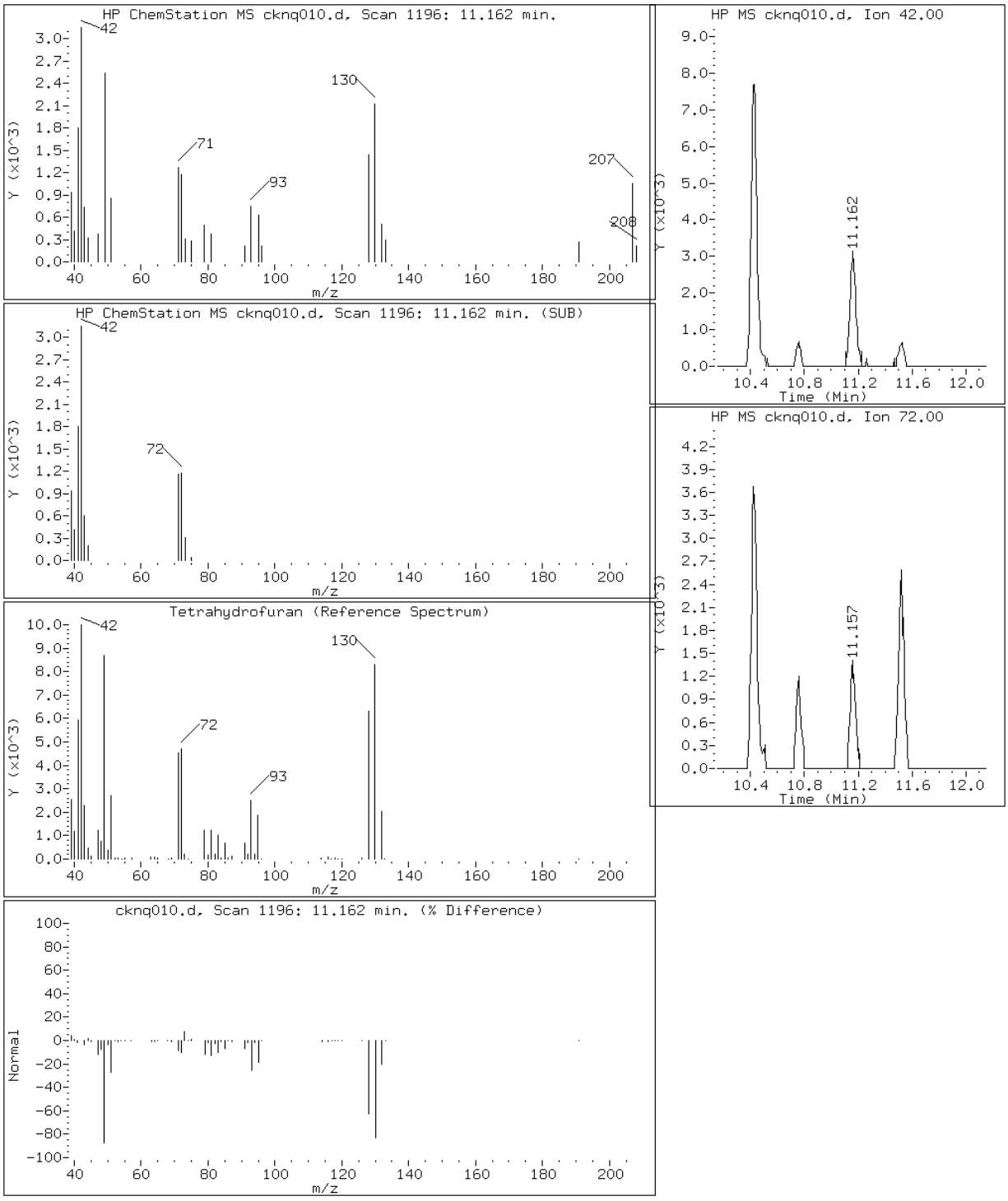
Data File: cknq010.d

Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

38 Tetrahydrofuran



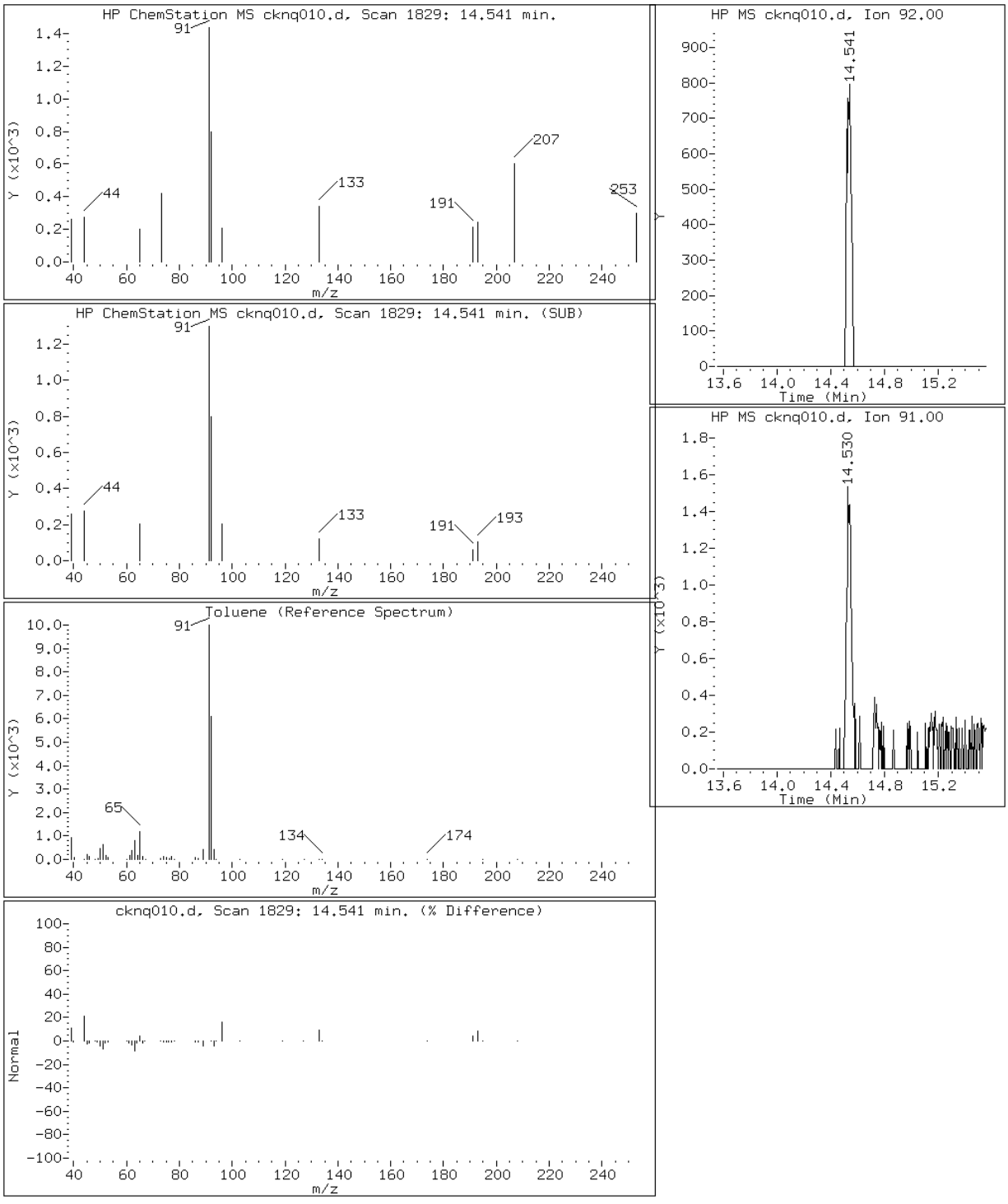
Data File: cknq010.d

Lab Sample ID: 280-25116-3 Date: 06-FEB-2012 16:47

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-3 Operator: wrd

58 Toluene



Manual Integration Report

Data File: cknq010.d
Lab Sample ID: 280-25116-3
Inj. Date and Time: 06-FEB-2012 16:47
Instrument ID: C.i
Client ID: 774VMP0301AD
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 02/09/2012

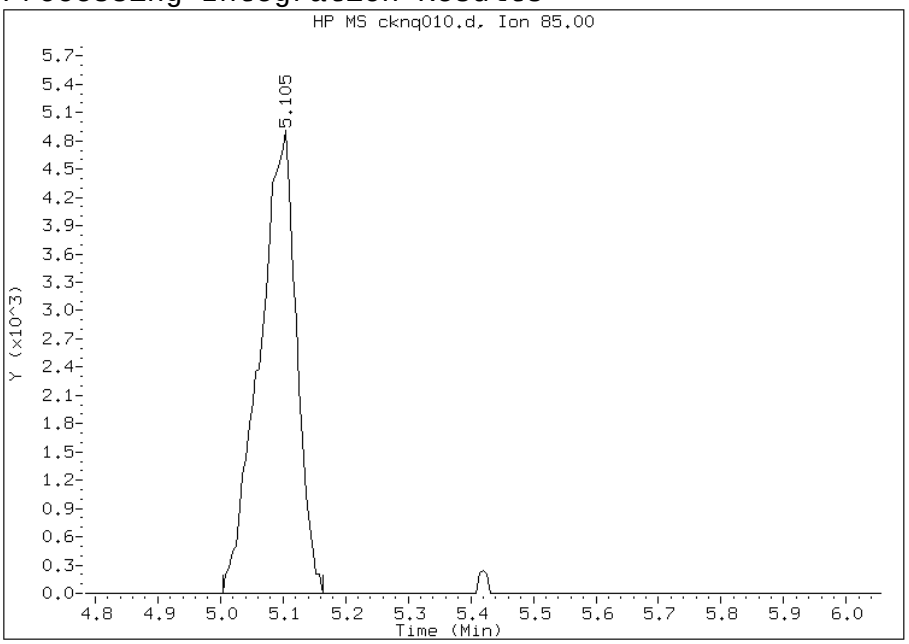
Processing Integration Results

RT: 5.11

Response: 20297

Amount: 0.328262

Conc: 3.28



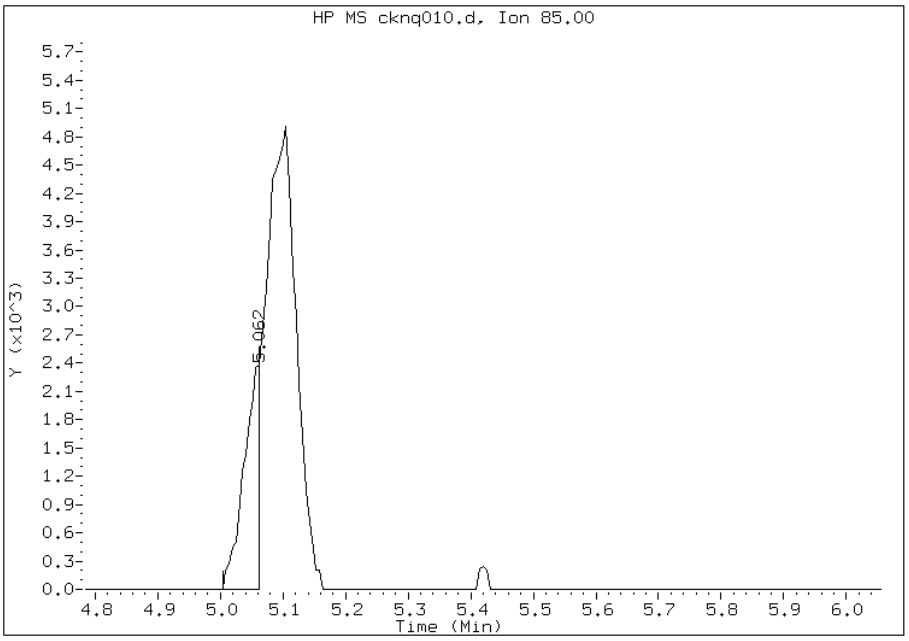
Manual Integration Results

RT: 5.06

Response: 4348

Amount: 0.070320

Conc: 0.703196



File Uploaded By: jd1
Manual Integration Reason: Poor chromatography

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0101AD Lab Sample ID: 280-25116-4

Matrix: Air Lab File ID: cknq011.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:50

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 17:37

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.58		0.50	0.038
75-45-6	Freon 22	86.47	3.3		0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.33	J M	0.50	0.013
106-97-8	n-Butane	58.12	1.0		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.091	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	9.7		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	20		5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.14	J M	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.41	J	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.11	J M	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	2.0		0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.055	J	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	3.4	J	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.34		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.084	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.16	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0101AD Lab Sample ID: 280-25116-4

Matrix: Air Lab File ID: cknq011.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:50

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 17:37

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.066	J	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.11	J	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.054	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.054	J	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0101AD Lab Sample ID: 280-25116-4

Matrix: Air Lab File ID: cknq011.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:50

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 17:37

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0101AD Lab Sample ID: 280-25116-4

Matrix: Air Lab File ID: cknq011.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:50

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 17:37

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.9		2.5	0.19
75-45-6	Freon 22	86.47	12		1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.67	J M	1.0	0.027
106-97-8	n-Butane	58.12	2.4		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.70	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	23		12	0.11
67-63-0	Isopropyl alcohol	60.10	49		12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.49	J M	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	1.3	J	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.38	J M	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	5.9		1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.27	J	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	9.9	J	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	1.2		0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.53	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.52	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0101AD Lab Sample ID: 280-25116-4

Matrix: Air Lab File ID: cknq011.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:50

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 17:37

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.36	J	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.40	J	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.23	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.23	J	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0101AD Lab Sample ID: 280-25116-4

Matrix: Air Lab File ID: cknq011.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:50

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 17:37

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-4
Client Smp ID: 774VMP0101AD
Inj Date : 06-FEB-2012 17:37
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-4
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	5.052	5.057	(0.455)	37193	0.57908	0.58
3 Chlorodifluoromethane	51	5.100	5.100	(0.459)	113159	3.28334	3.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.506	5.516	(0.496)	6335	0.32544	0.33(aM)
6 Butane	43	5.714	5.730	(0.515)	38615	0.99596	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	7.133	7.149	(0.642)	15699	0.24131	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	4135	0.09117	0.091(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.195	8.211	(0.738)	313834	9.66600	9.7
21 Carbon disulfide	76	Compound Not Detected.					

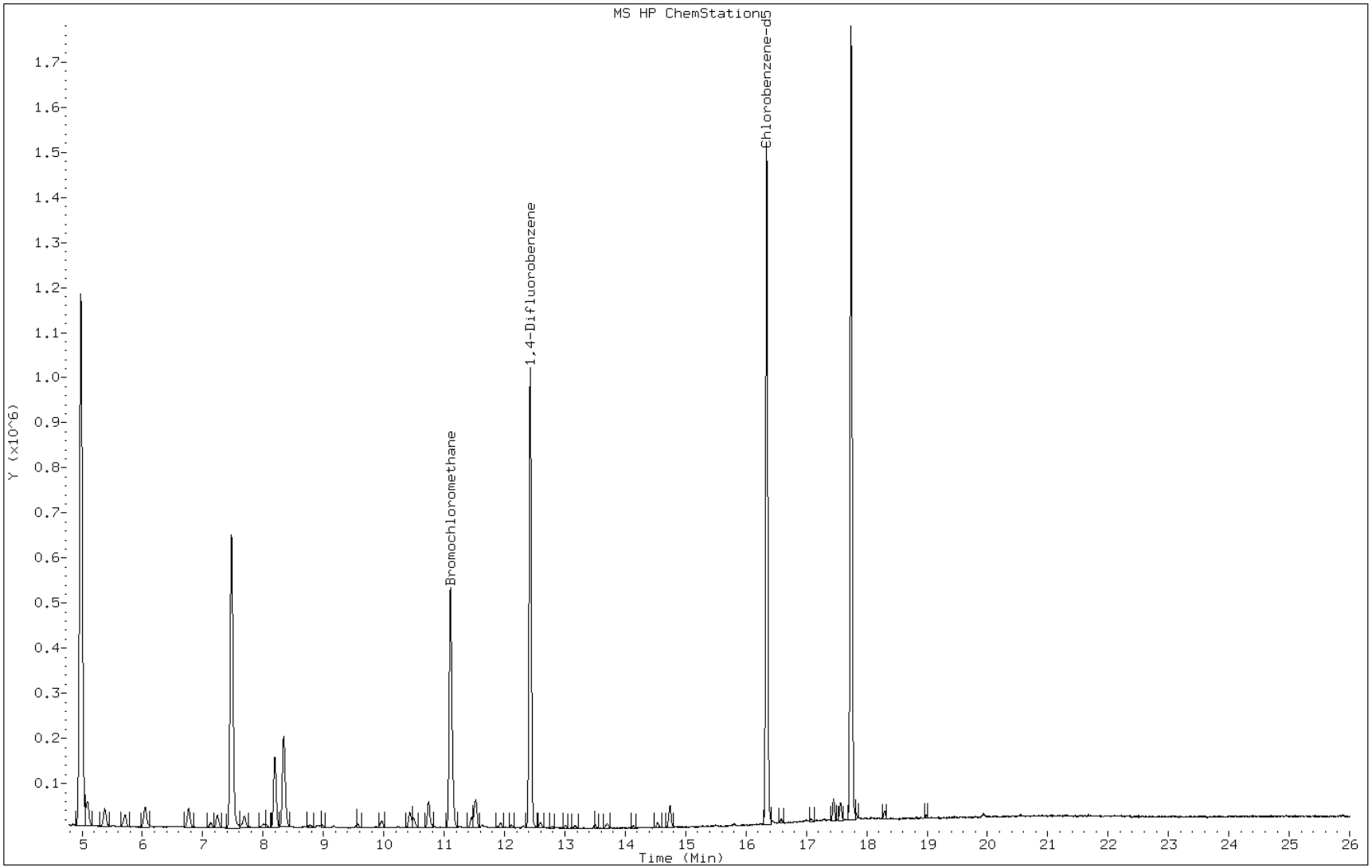
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	22 Isopropanol	45	8.345	8.350	(0.752)	444657	19.9566	20
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.889	8.910	(0.801)	3470	0.14220	0.14(aM)
	26 Tert-butyl alcohol	59	8.969	8.969	(0.808)	13718	0.41432	0.41(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.567	9.572	(0.862)	4266	0.10767	0.11(aM)
	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	10.746	10.762	(0.968)	23638	1.98663	2.0(Q)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	199085	10.0000	
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	84562	3.37192	3.4(a)
	39 Chloroform	83	11.157	11.173	(1.005)	2890	0.05542	0.055(a)
	40 Cyclohexane	84	11.462	11.477	(0.923)	12614	0.33945	0.34
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	4965	0.08422	0.084(a)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	11.942	11.958	(0.961)	13144	0.16306	0.16(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	12.422	12.443	(1.000)	1131084	10.0000	
	49 Trichloroethene	95	12.796	12.812	(1.030)	2388	0.06613	0.066(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	14.530	14.557	(0.889)	6645	0.10656	0.11(aQ)
	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	16.345	16.366	(1.000)	1123134	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	2919	0.05380	0.054(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:	cknq011.d	Date:	06-FEB-2012 17:37
Client ID:	774VMP0101AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-4		
Lab Sample ID:	280-25116-4		



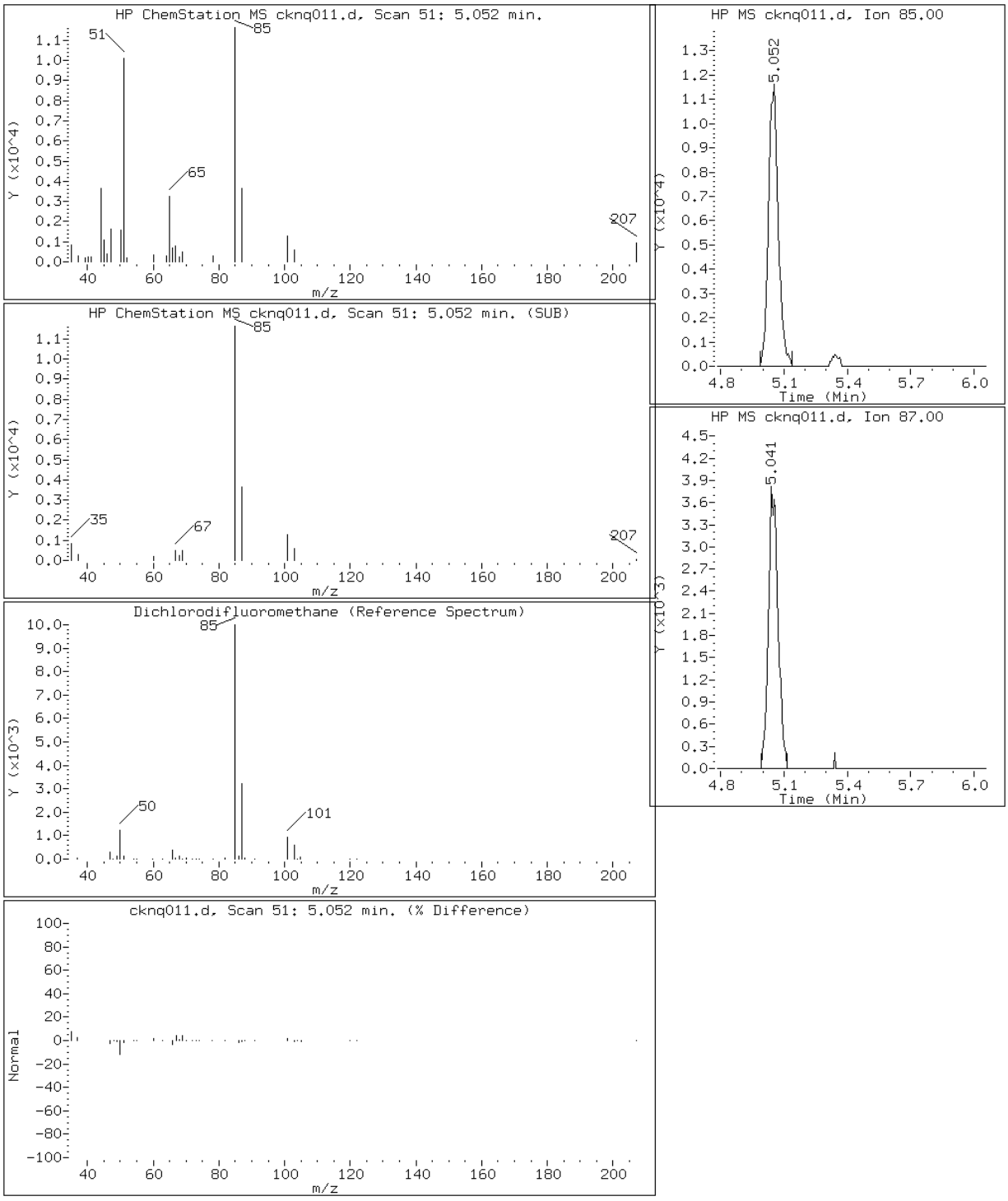
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

2 Dichlorodifluoromethane



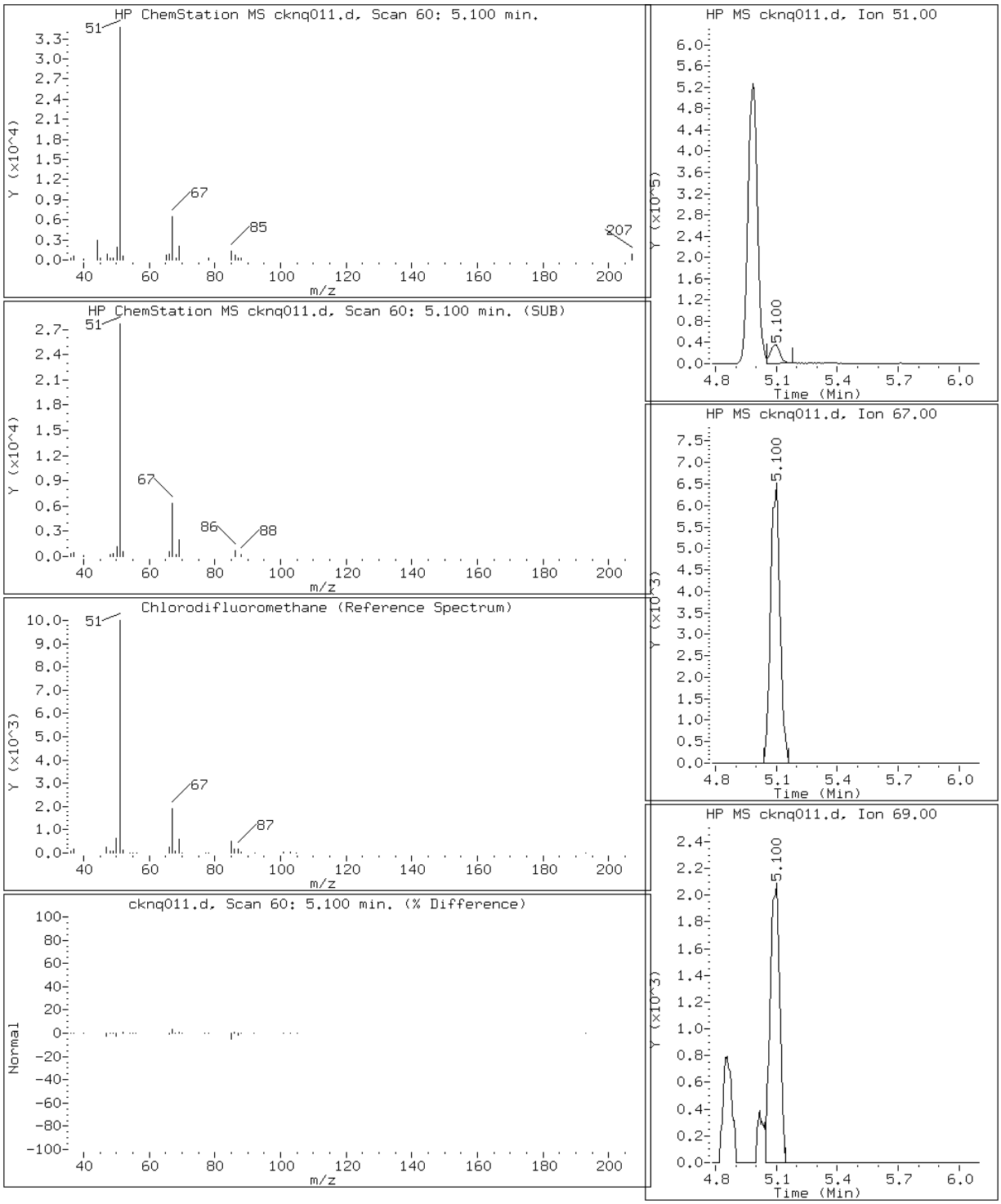
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

3 Chlorodifluoromethane



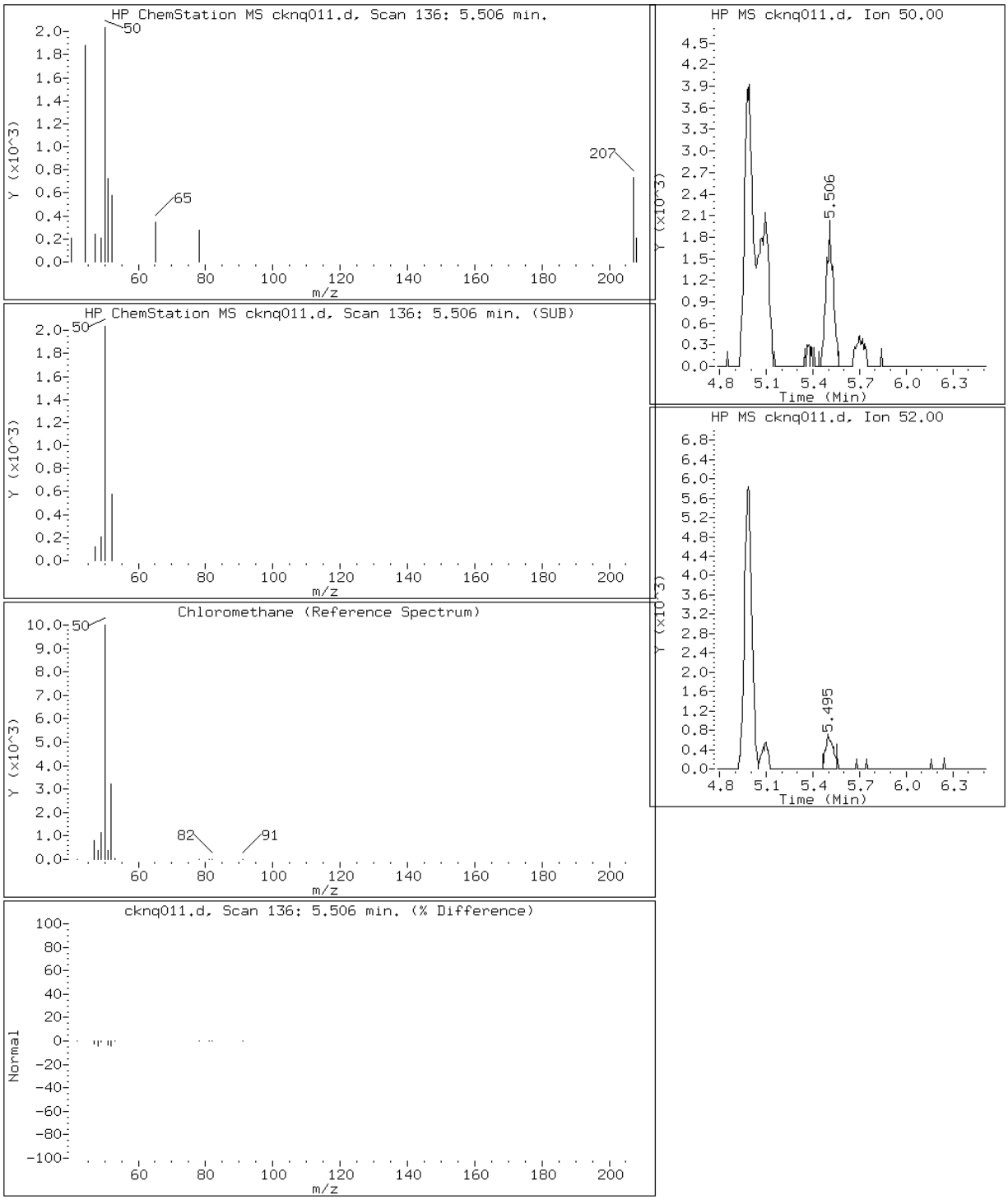
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

5 Chloromethane



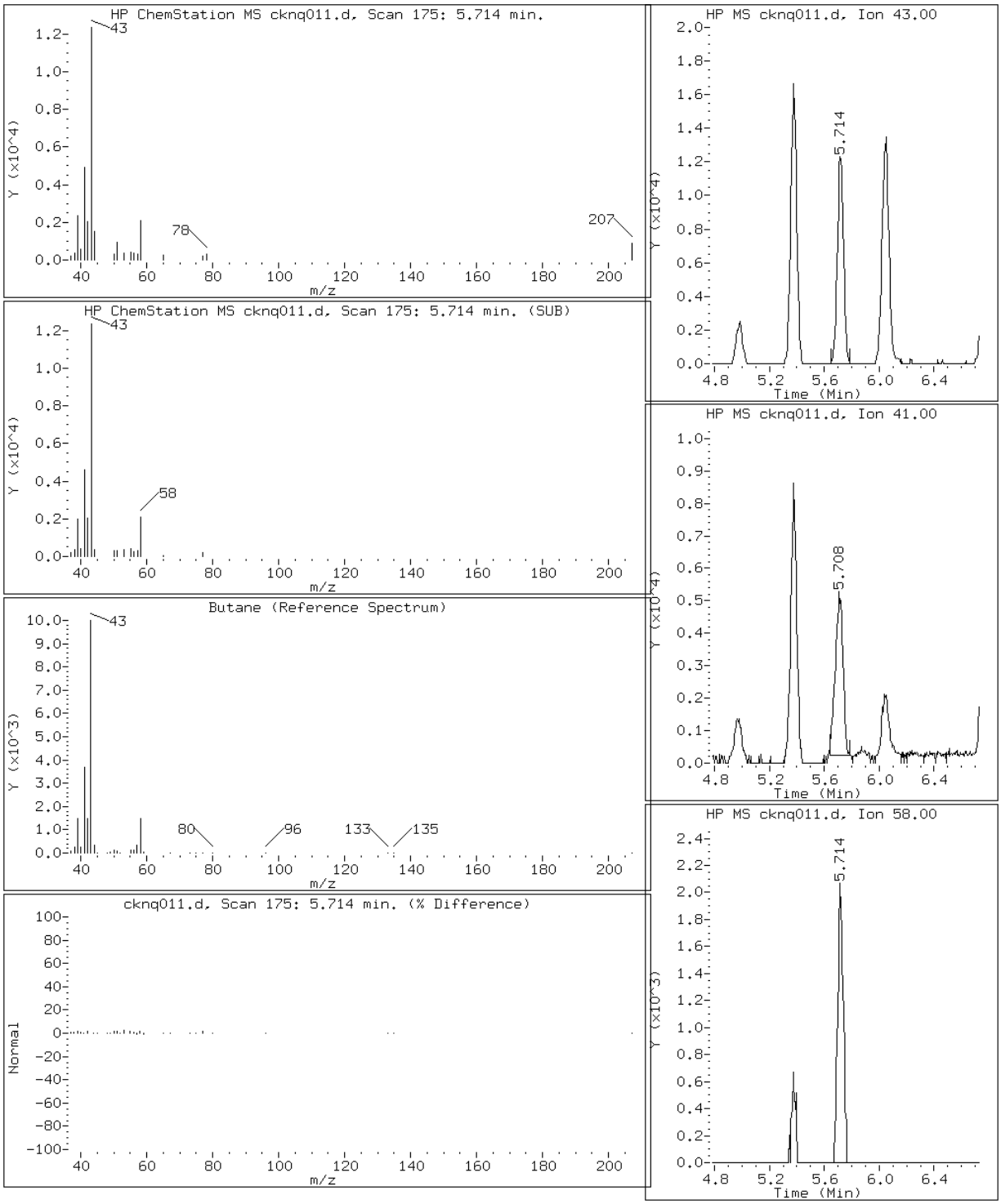
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

6 Butane



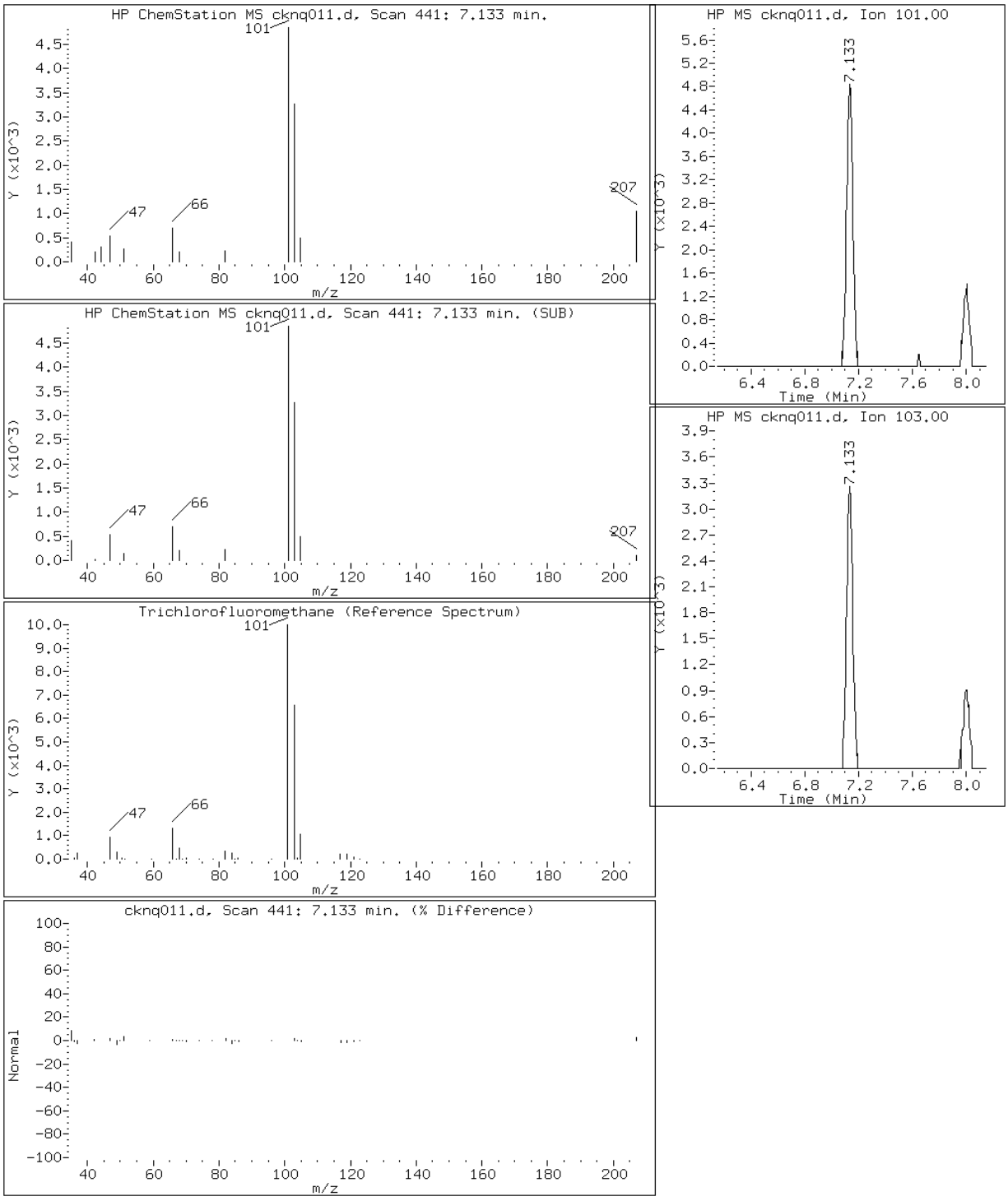
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

13 Trichlorofluoromethane



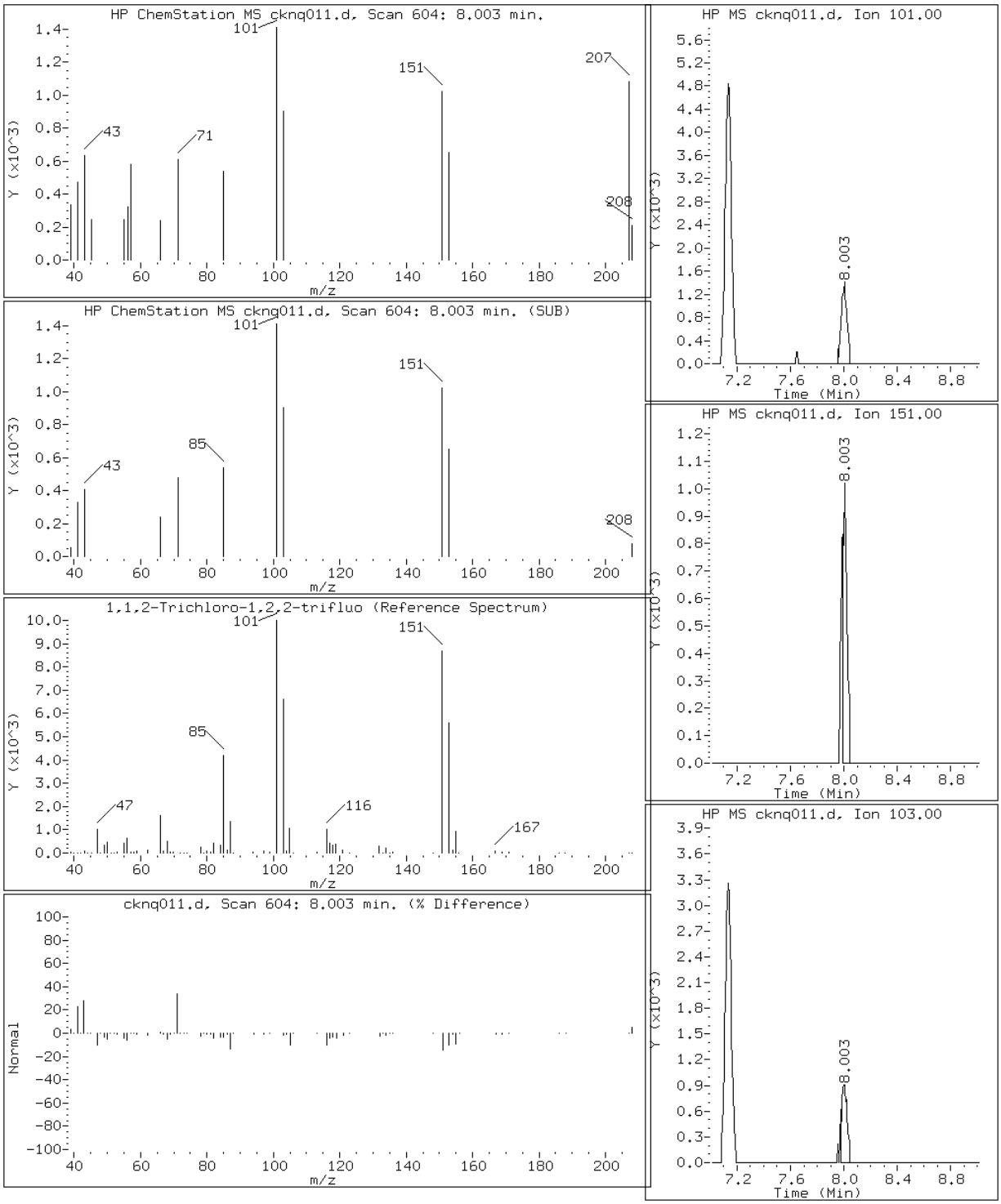
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

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



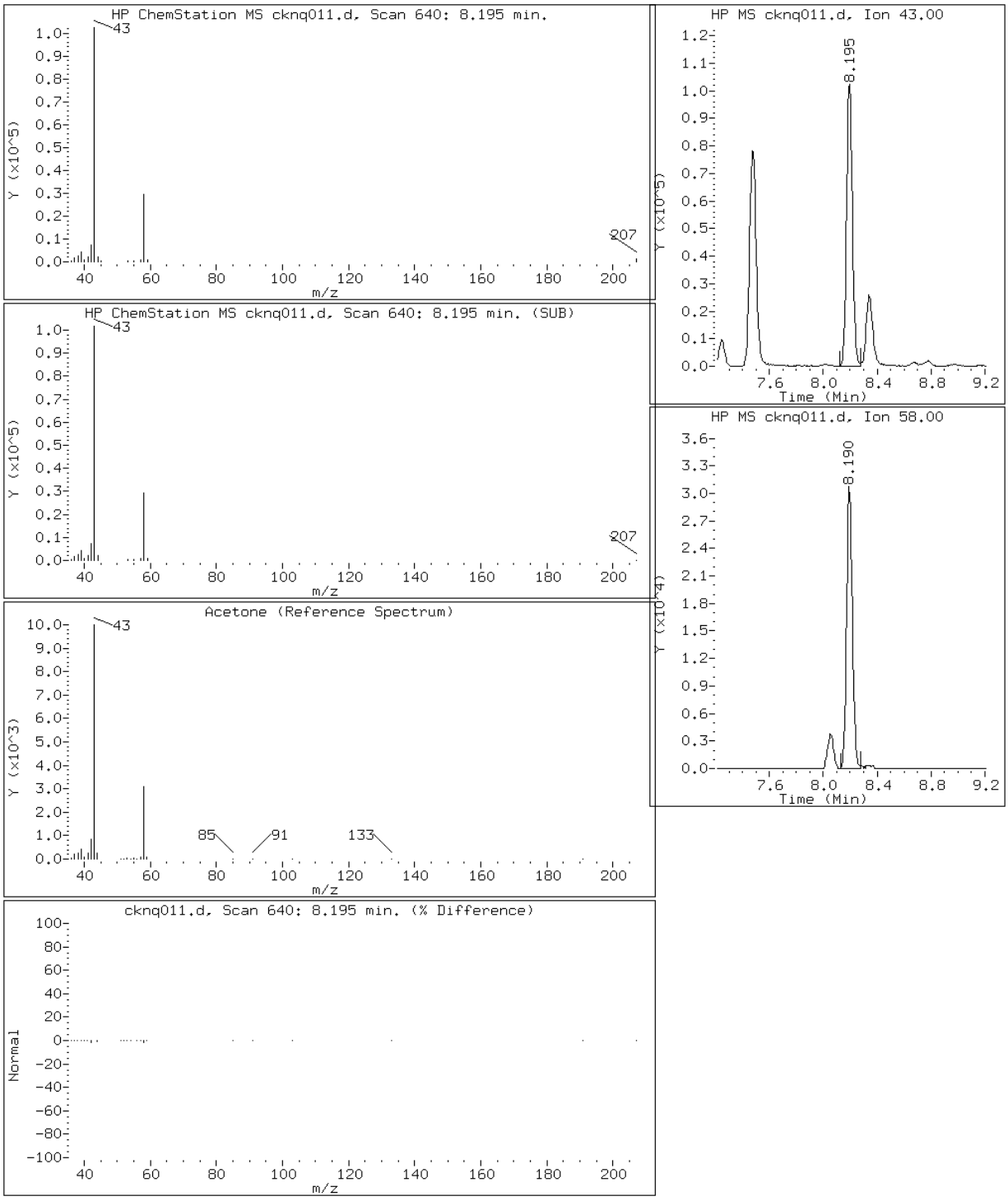
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

20 Acetone



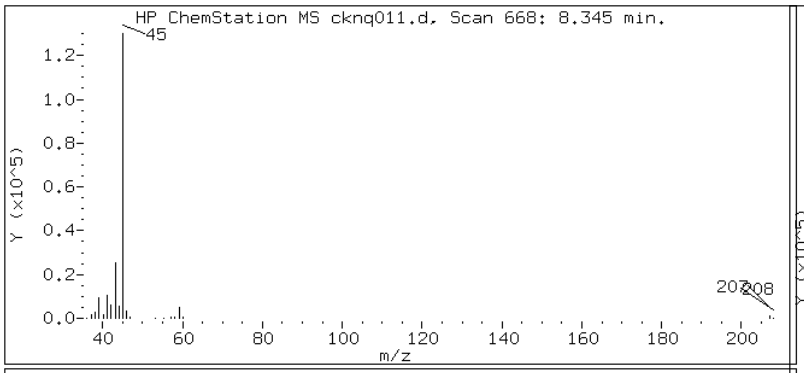
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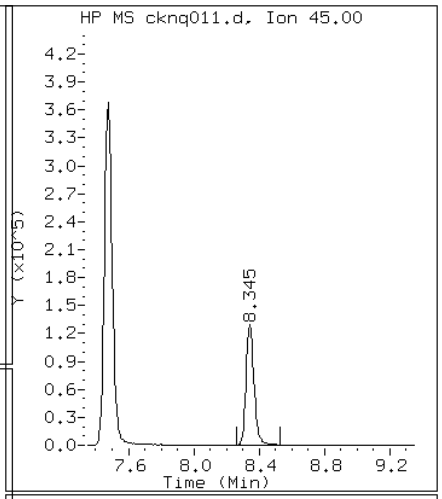
Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

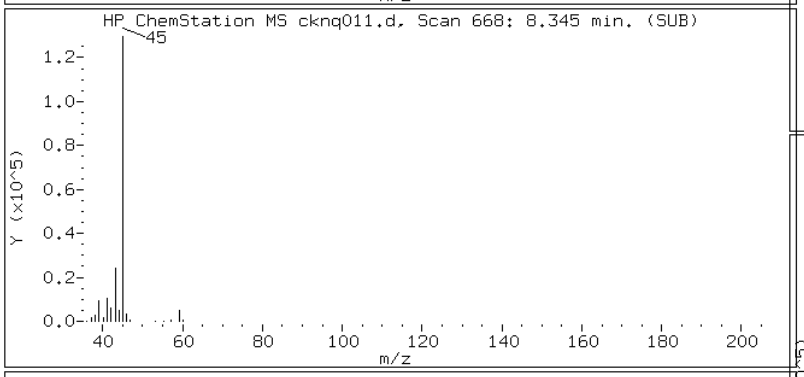
Client ID: 774VMP0101AD Instrument: C.i

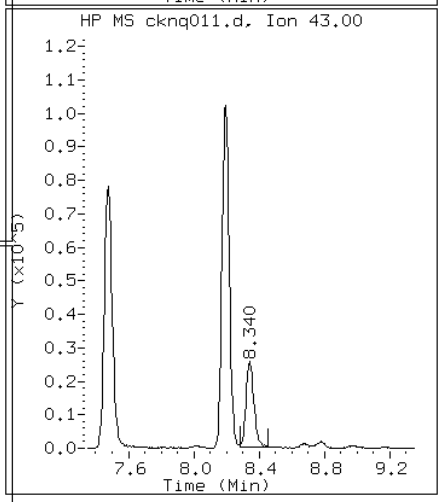
Sample Info: 280-25116-A-4 Operator: wrd

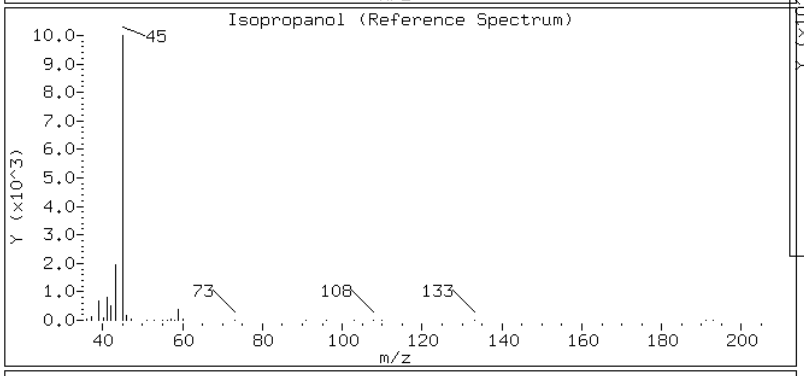
22 Isopropanol

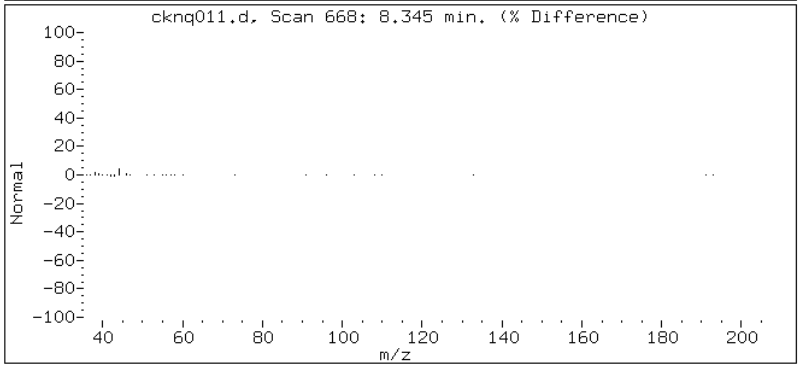












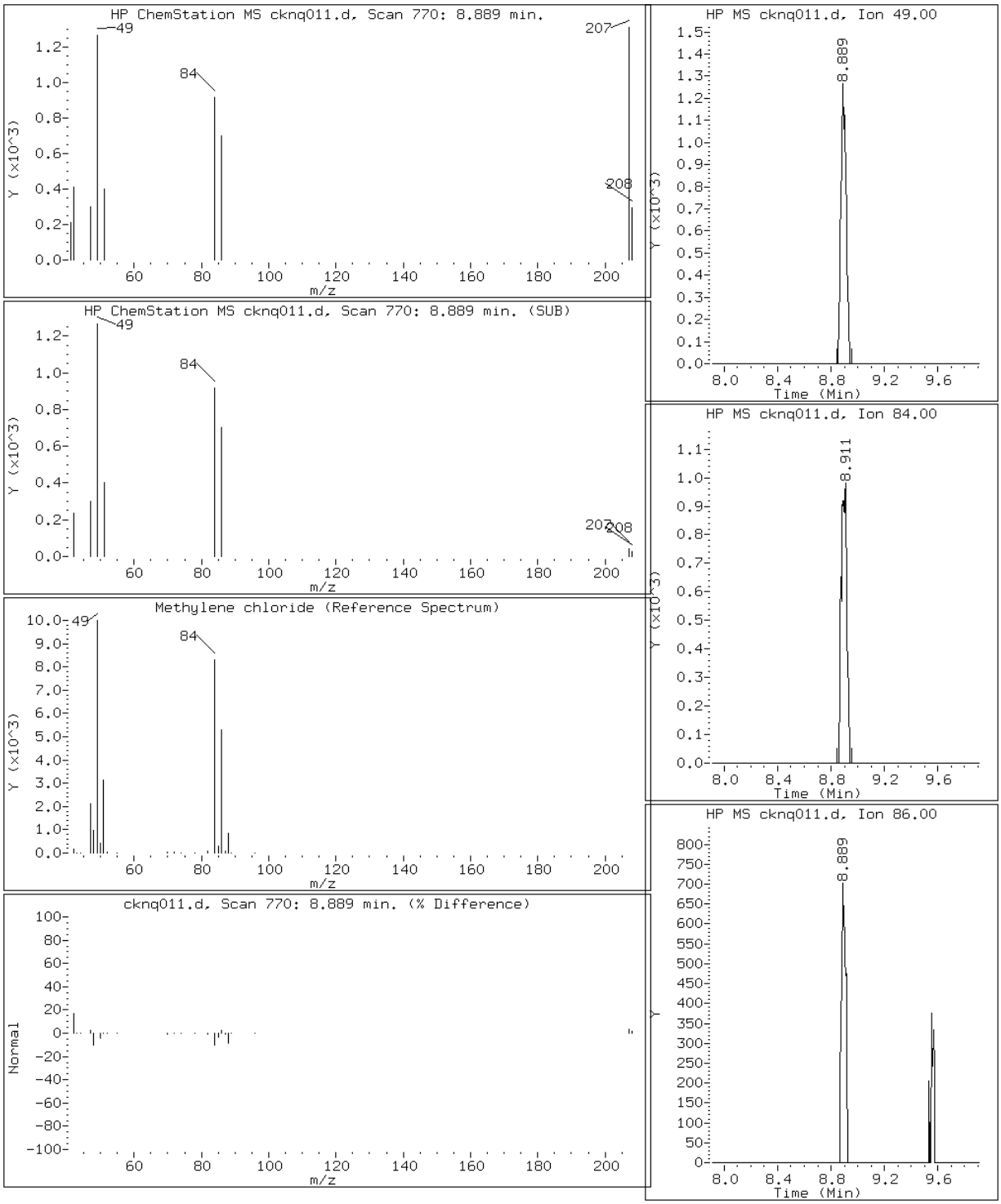
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

25 Methylene chloride



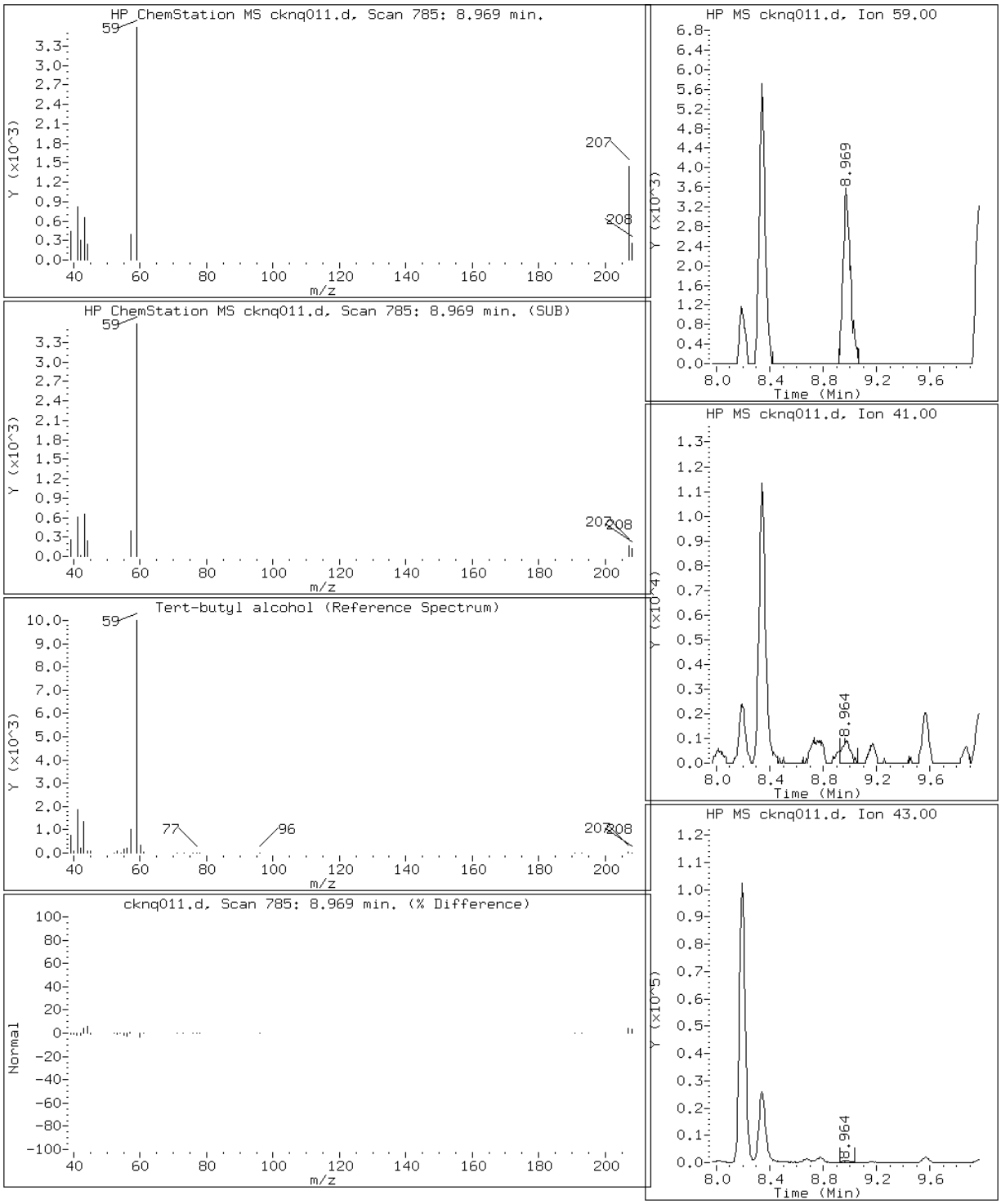
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Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

26 Tert-butyl alcohol



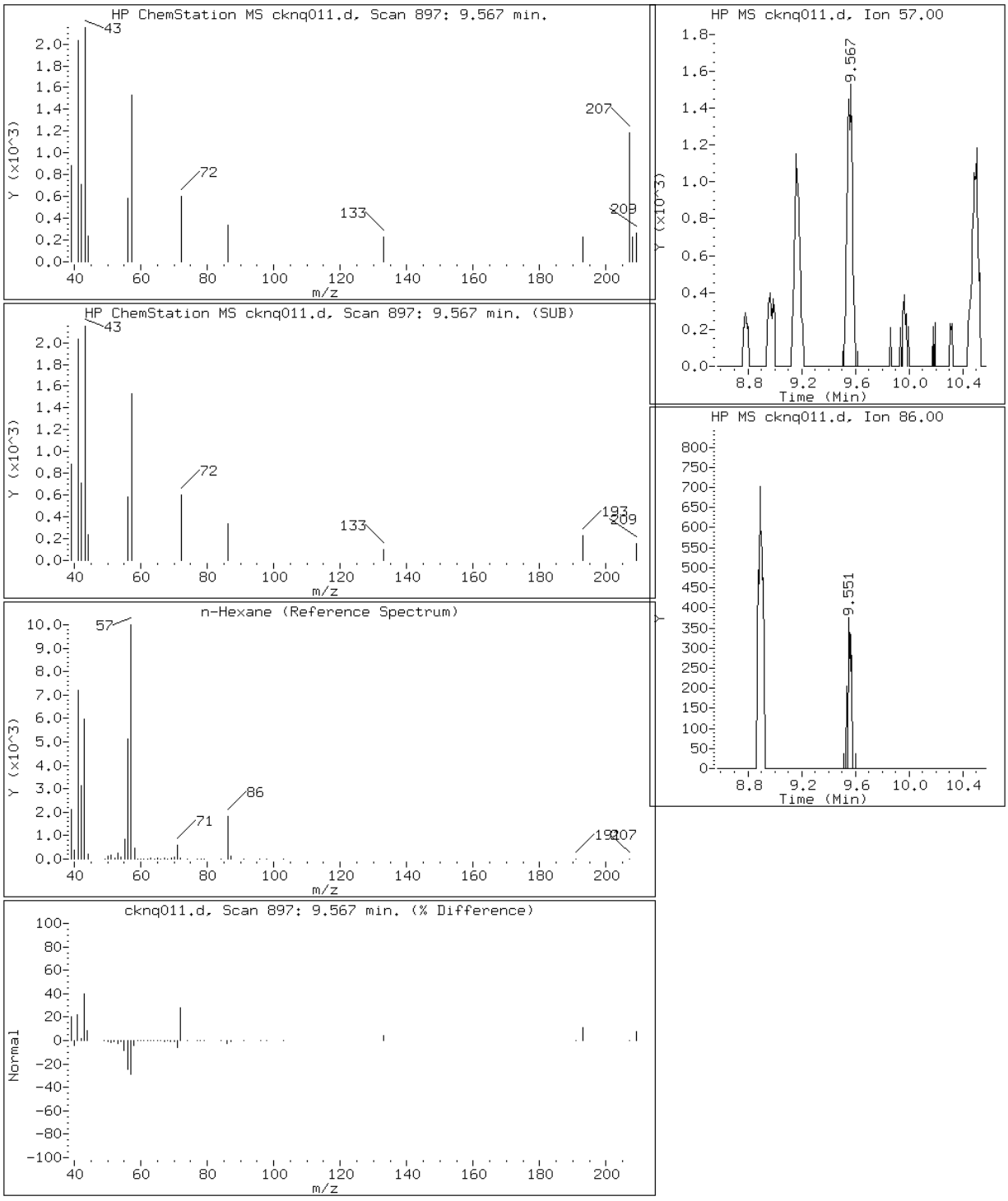
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

30 n-Hexane



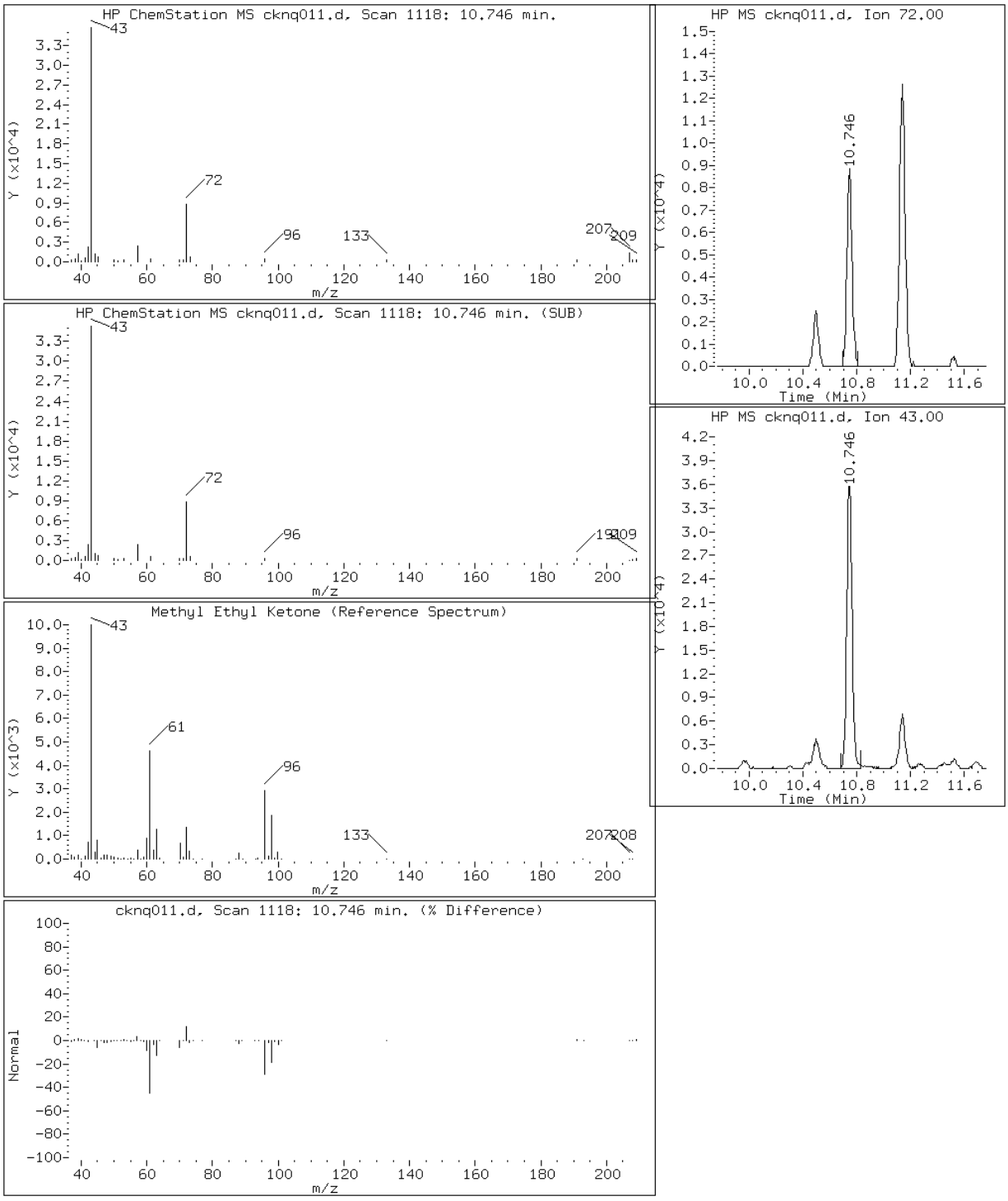
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

36 Methyl Ethyl Ketone



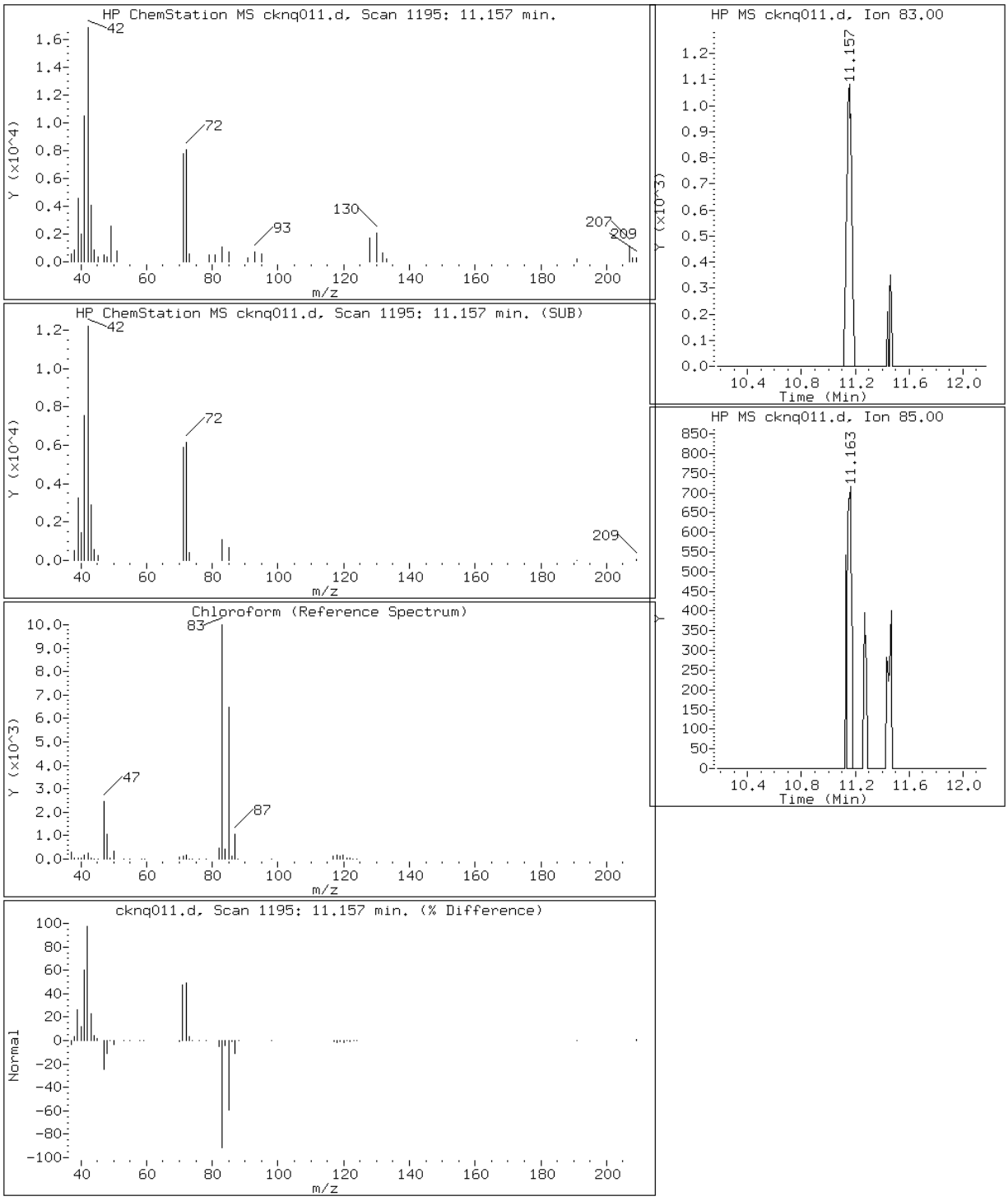
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

39 Chloroform



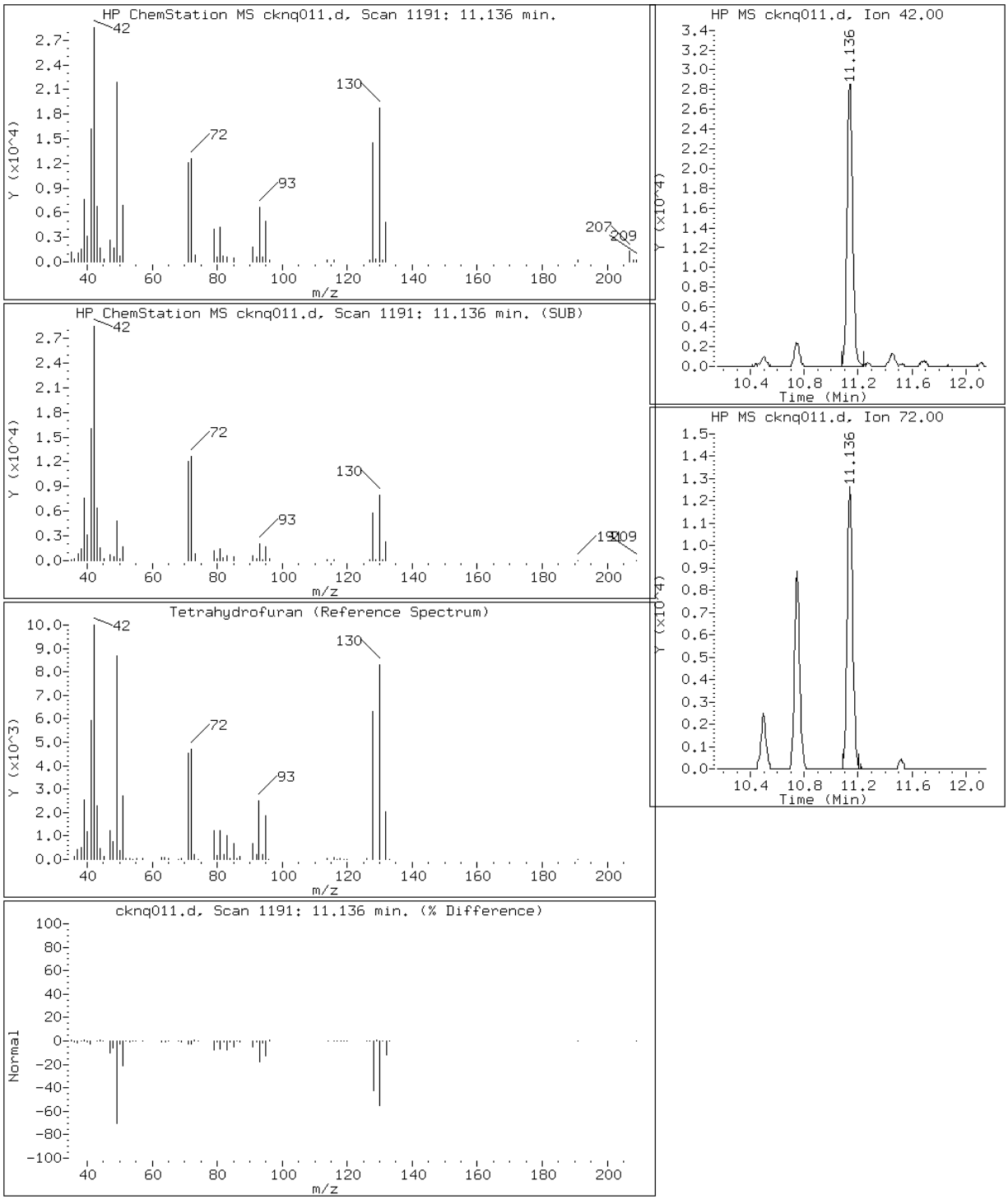
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

38 Tetrahydrofuran



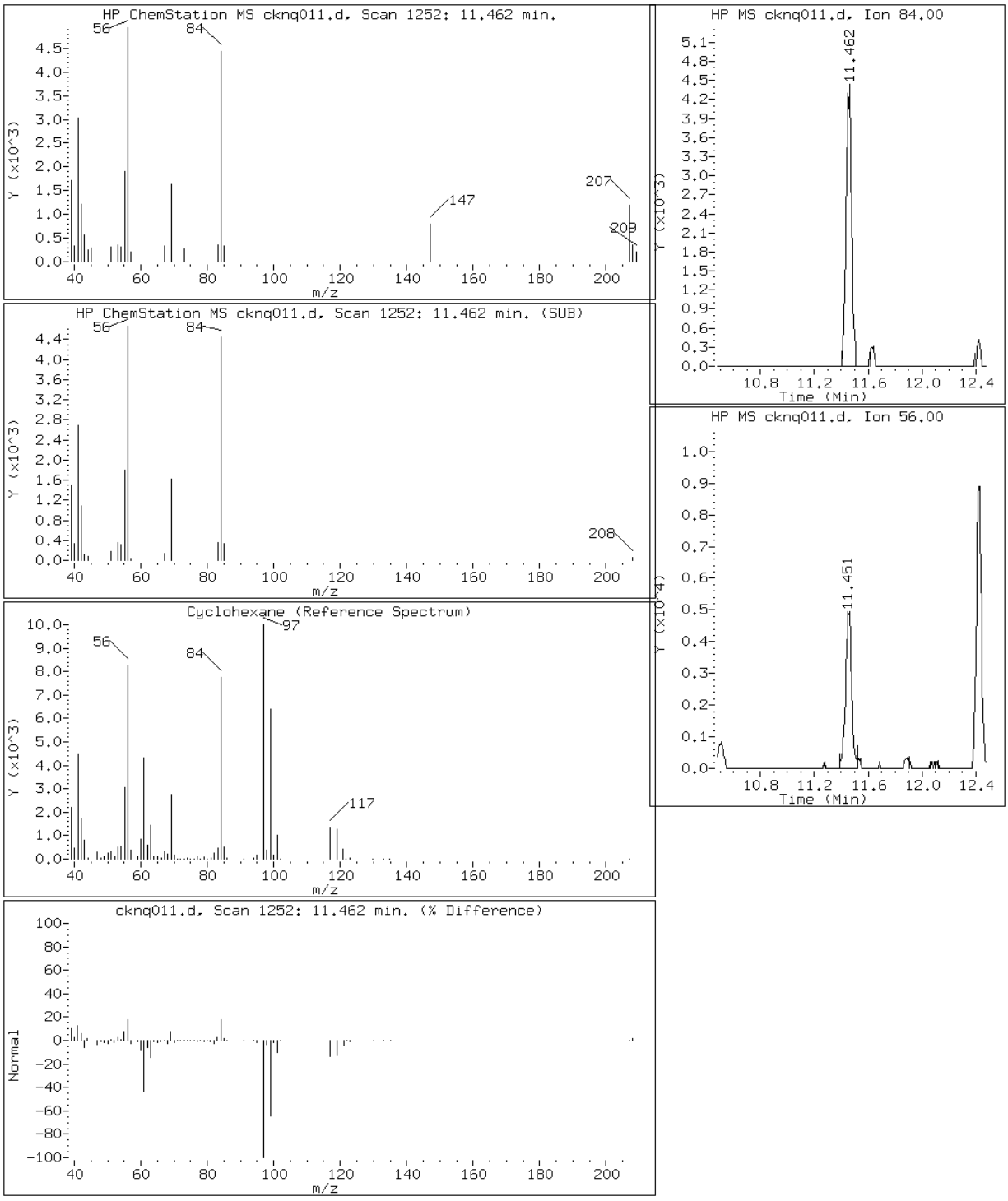
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

40 Cyclohexane



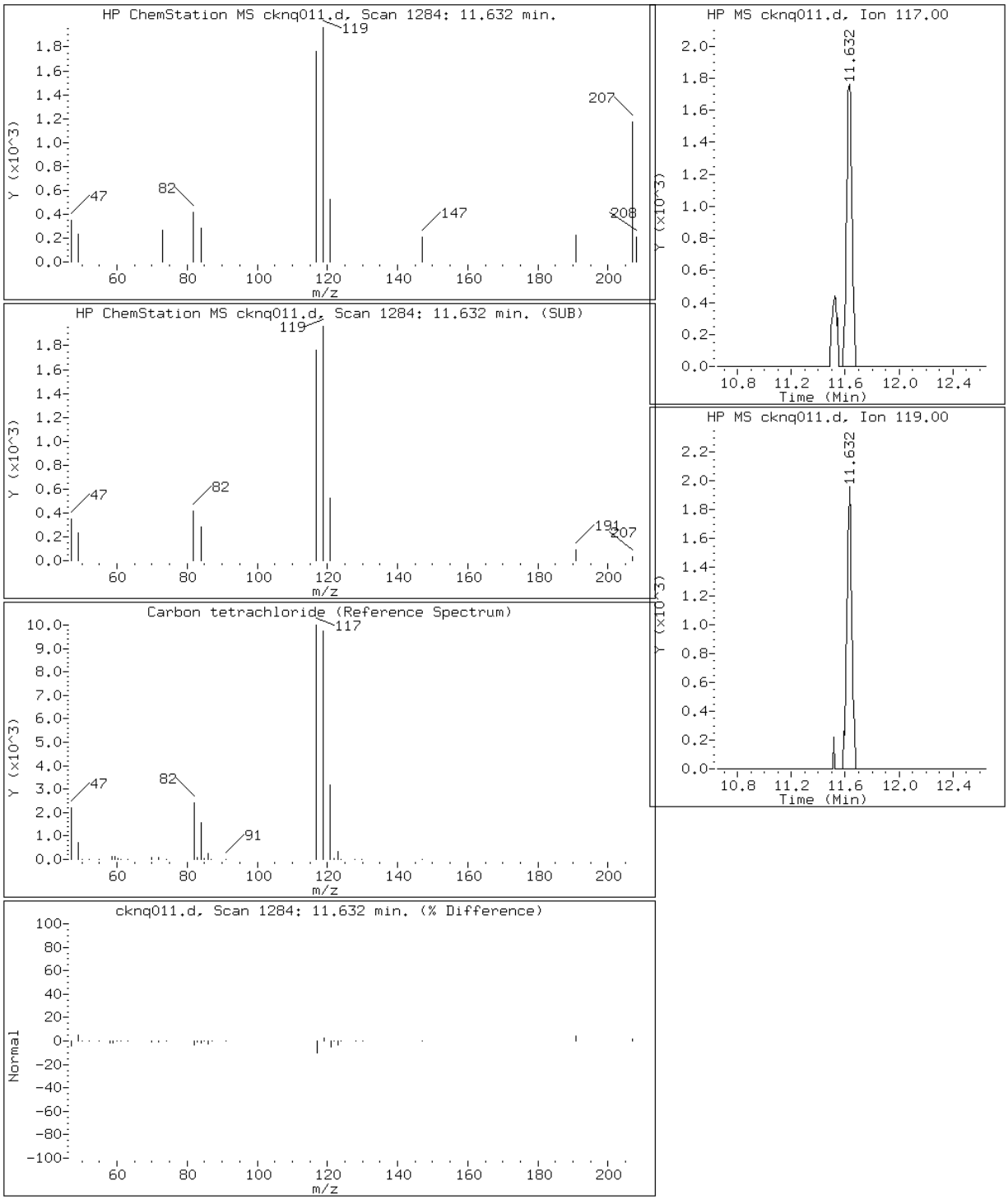
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

42 Carbon tetrachloride



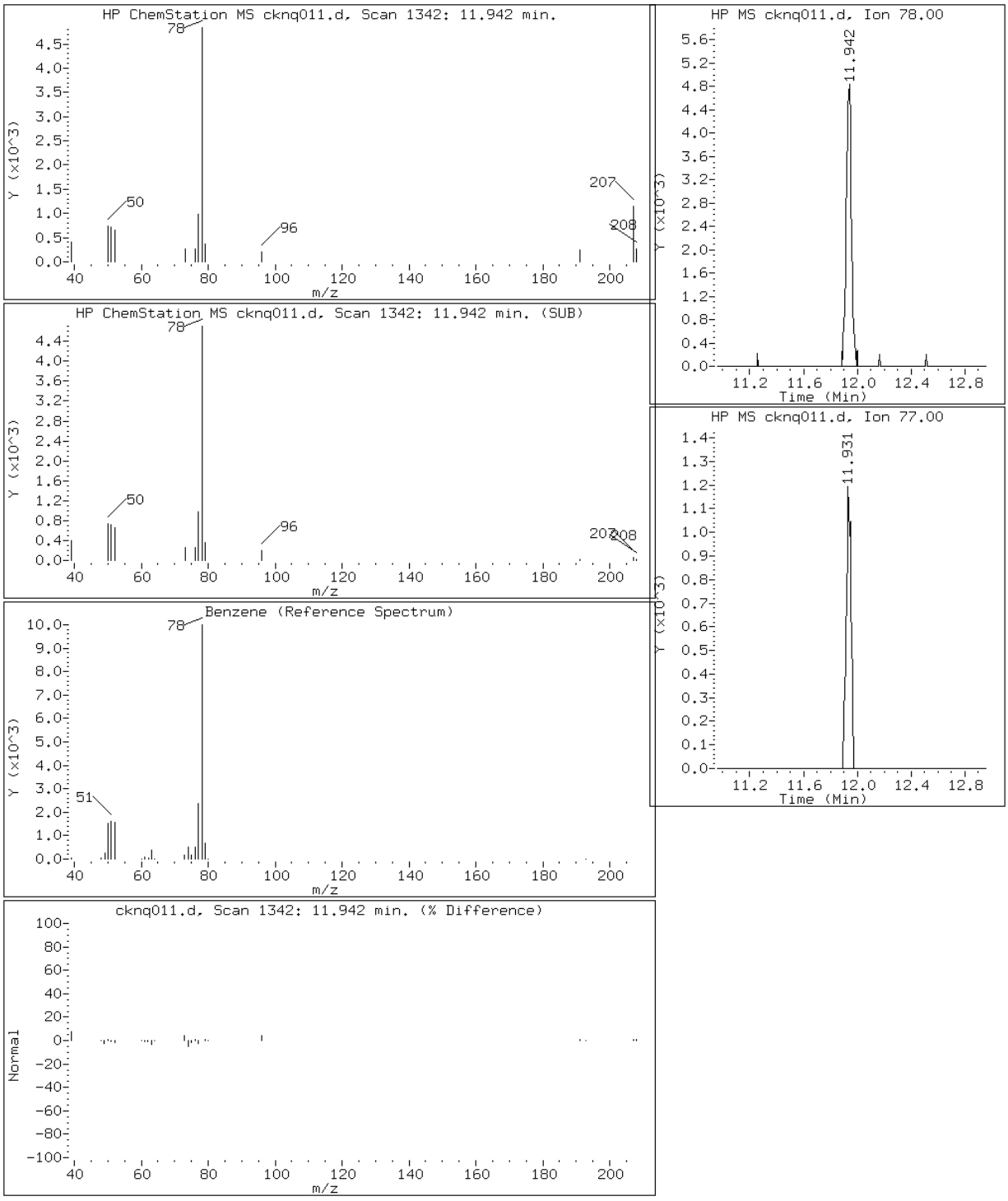
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

44 Benzene



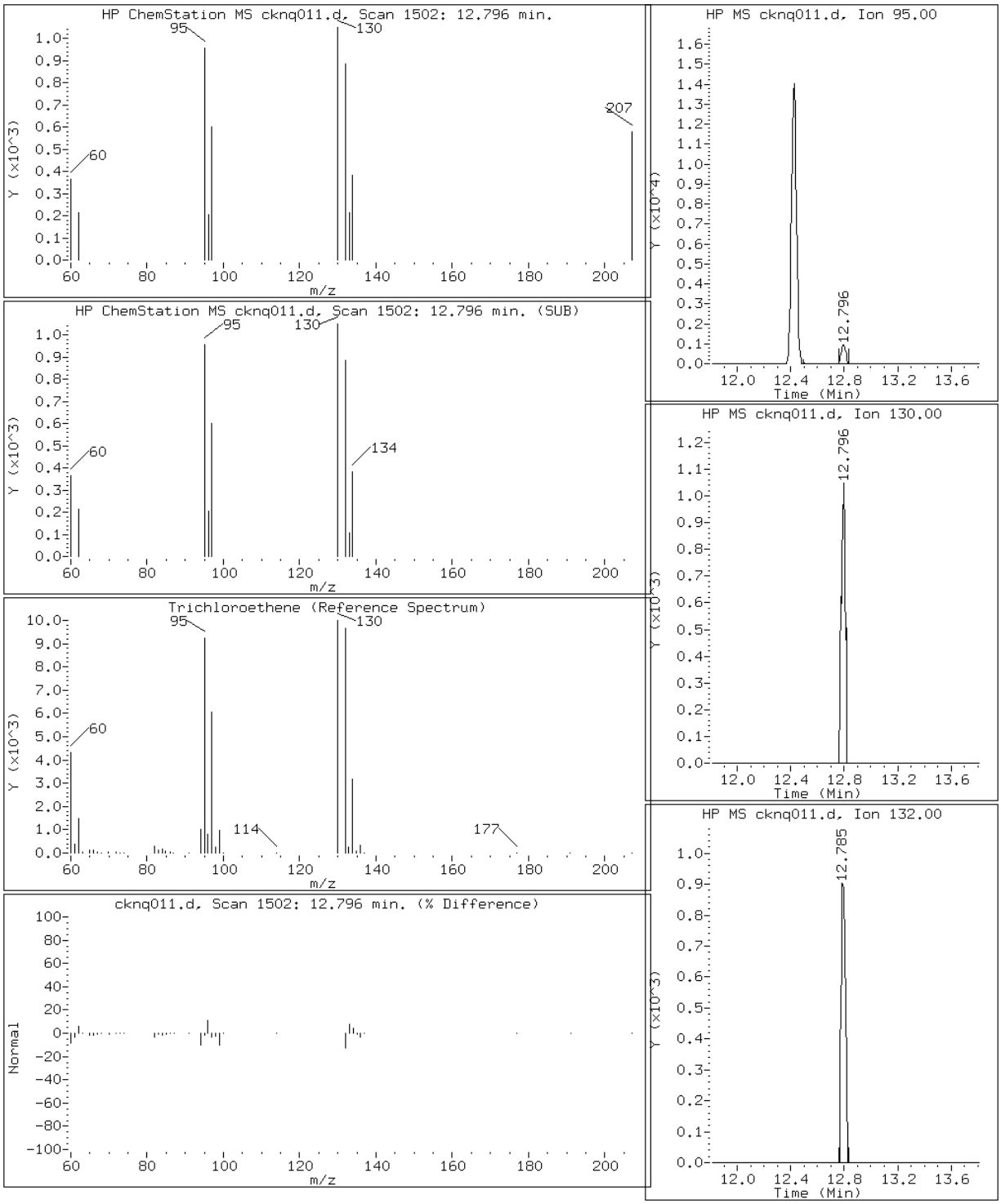
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

49 Trichloroethene



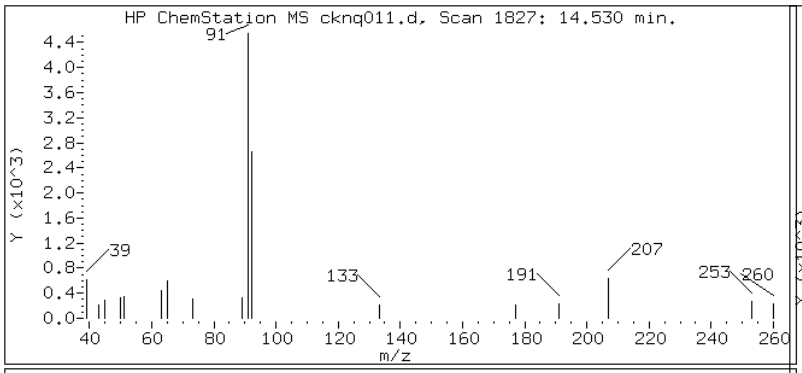
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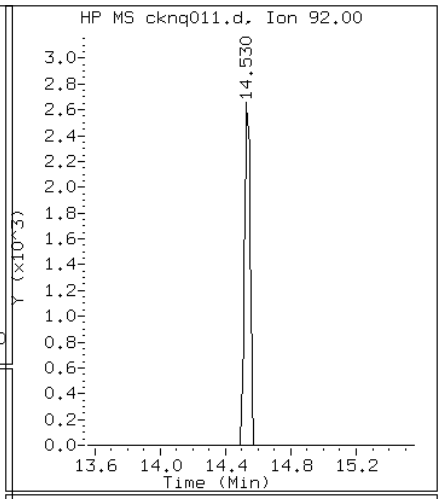
Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

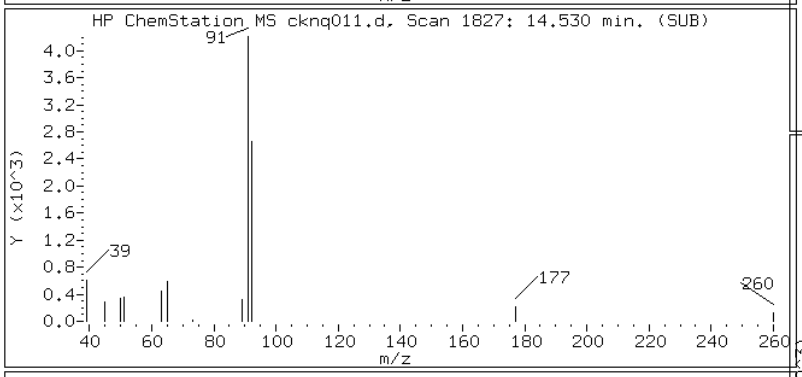
Client ID: 774VMP0101AD Instrument: C.i

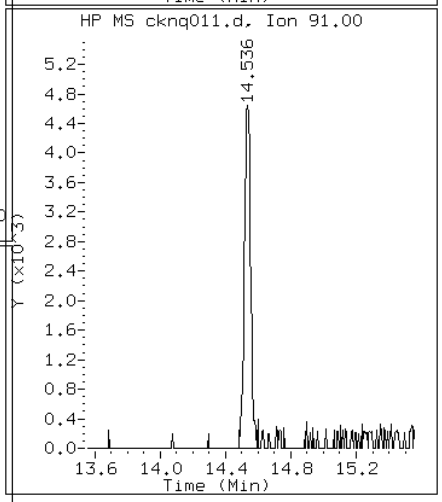
Sample Info: 280-25116-A-4 Operator: wrd

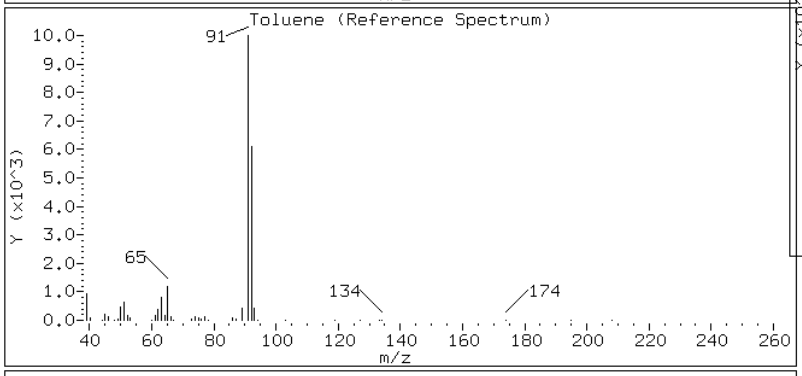
58 Toluene

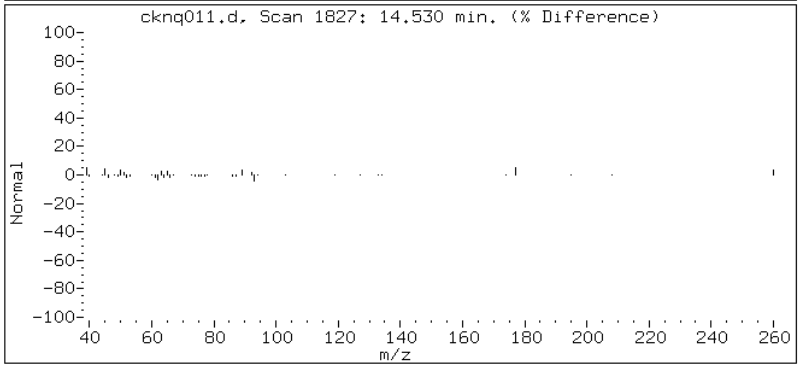












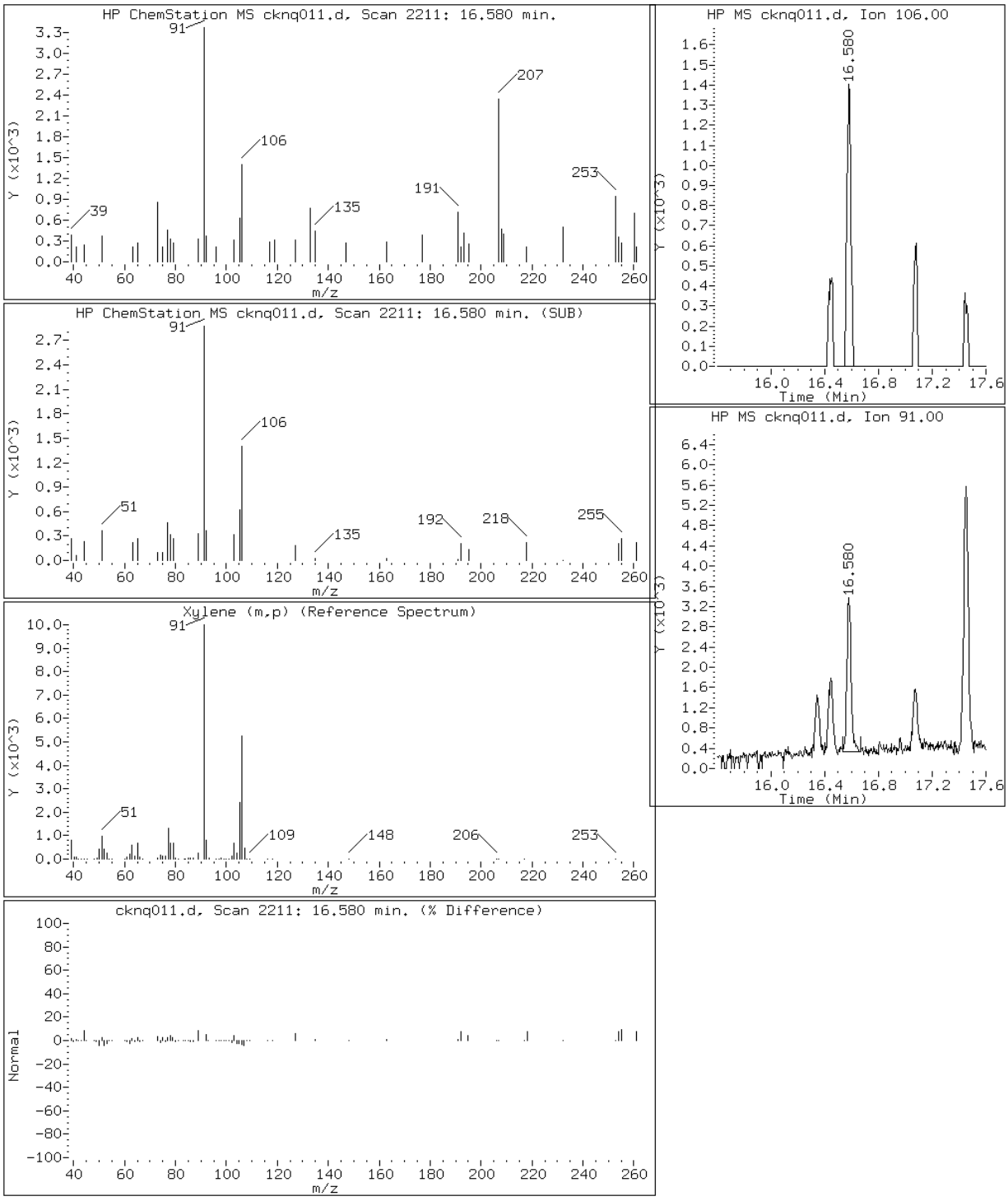
Data File: cknq011.d

Lab Sample ID: 280-25116-4 Date: 06-FEB-2012 17:37

Client ID: 774VMP0101AD Instrument: C.i

Sample Info: 280-25116-A-4 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: cknq011.d
Lab Sample ID: 280-25116-4
Inj. Date and Time: 06-FEB-2012 17:37
Instrument ID: C.i
Client ID: 774VMP0101AD
Compound: 5 Chloromethane
CAS #: 74-87-3
Report Date: 02/08/2012

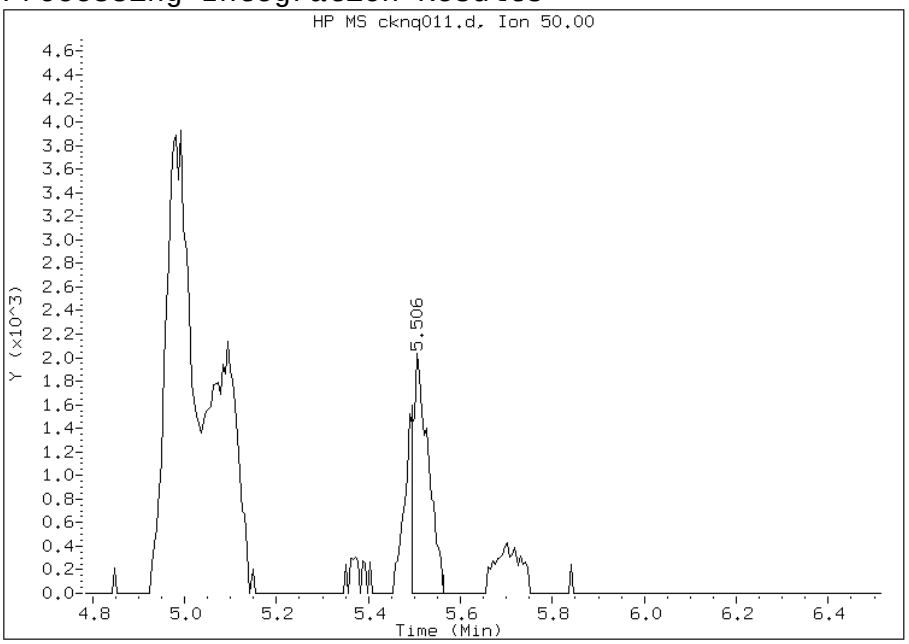
Processing Integration Results

RT: 5.51

Response: 4759

Amount: 0.244524

Conc: 0.244524



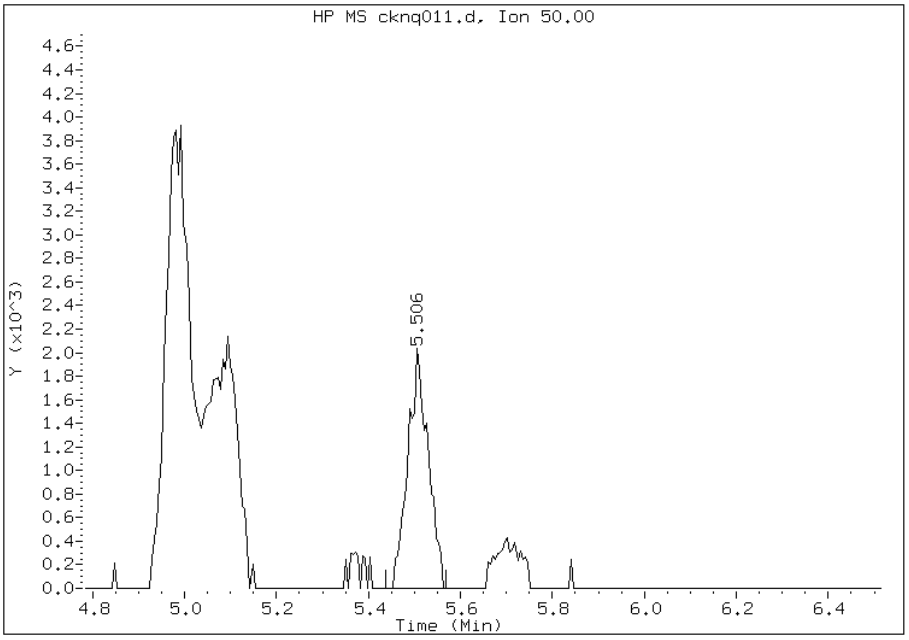
Manual Integration Results

RT: 5.51

Response: 6335

Amount: 0.325439

Conc: 0.325439



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknq011.d
Lab Sample ID: 280-25116-4
Inj. Date and Time: 06-FEB-2012 17:37
Instrument ID: C.i
Client ID: 774VMP0101AD
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 02/08/2012

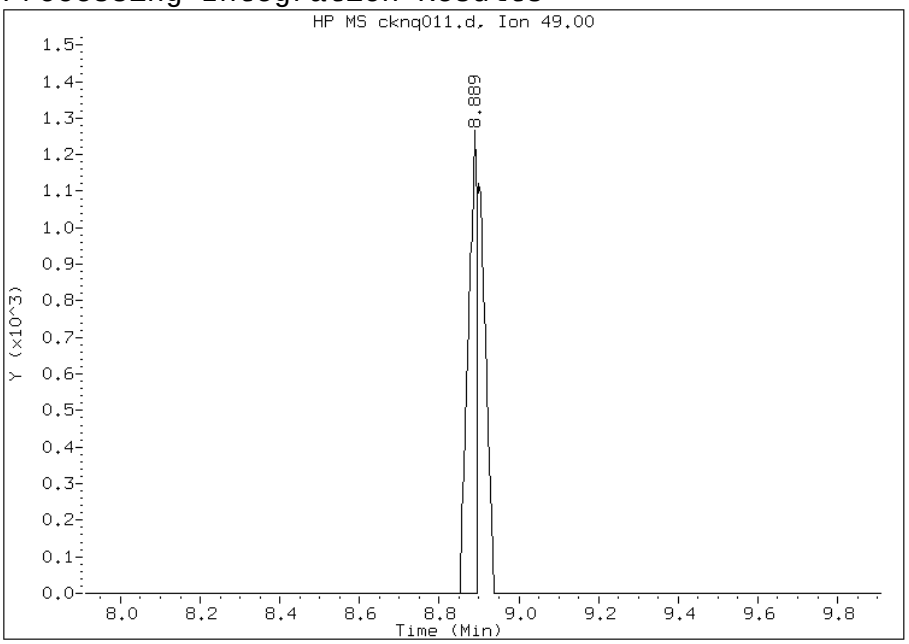
Processing Integration Results

RT: 8.89

Response: 1946

Amount: 0.079746

Conc: 0.079746



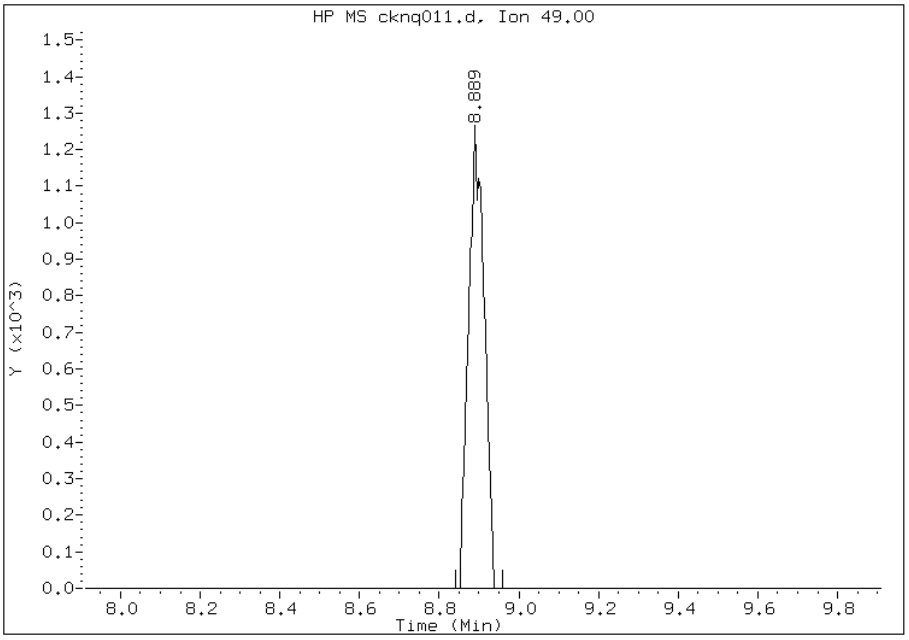
Manual Integration Results

RT: 8.89

Response: 3470

Amount: 0.142199

Conc: 0.142199



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknq011.d
Lab Sample ID: 280-25116-4
Inj. Date and Time: 06-FEB-2012 17:37
Instrument ID: C.i
Client ID: 774VMP0101AD
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 02/08/2012

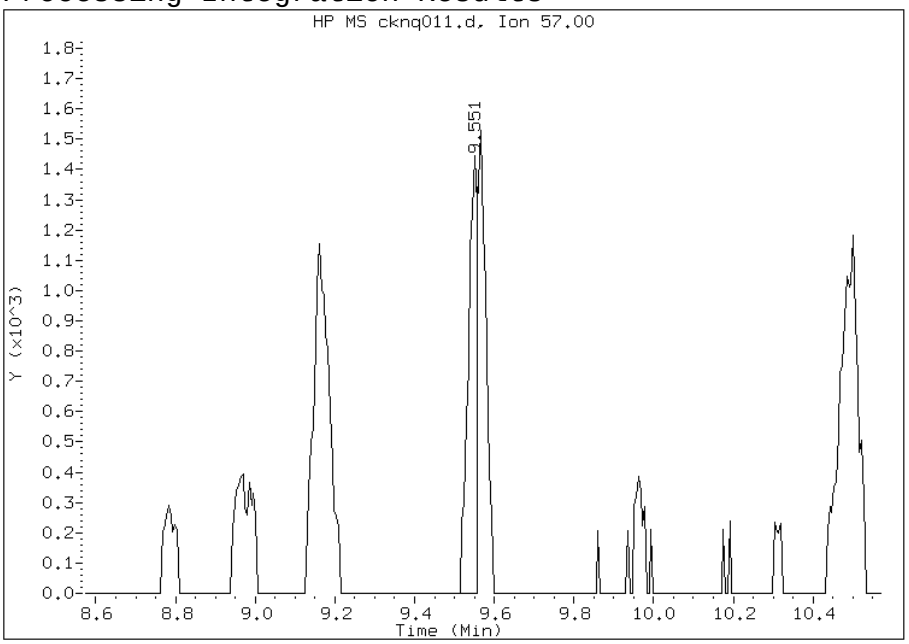
Processing Integration Results

RT: 9.55

Response: 2233

Amount: 0.056359

Conc: 0.056359



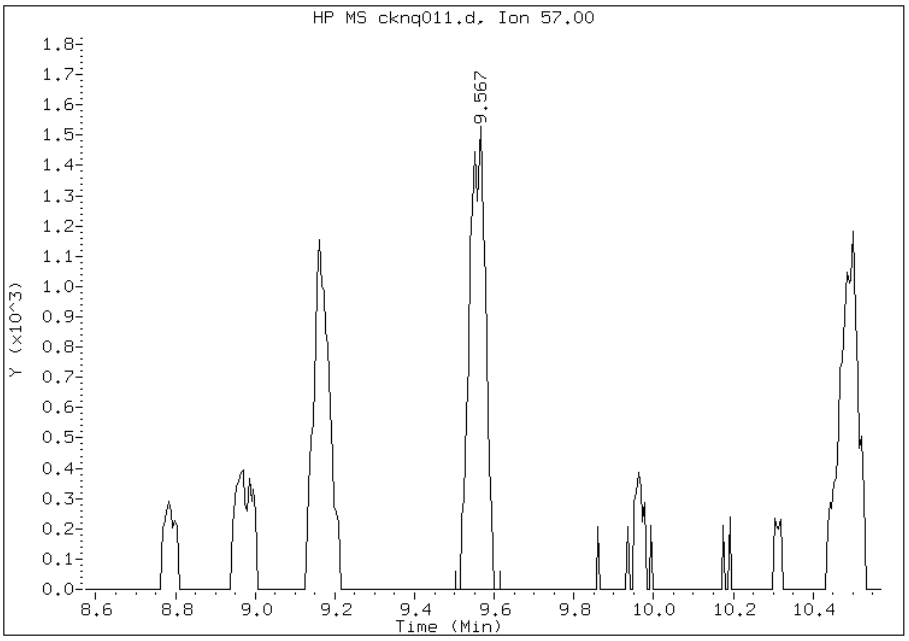
Manual Integration Results

RT: 9.57

Response: 4266

Amount: 0.107670

Conc: 0.107670



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.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0201AD Lab Sample ID: 280-25116-5

Matrix: Air Lab File ID: cknq012.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.63		0.50	0.038
75-45-6	Freon 22	86.47	4.6	M	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.41	J	0.50	0.013
106-97-8	n-Butane	58.12	1.3		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.15	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	8.3		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	17		5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	J	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.16	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.15	J	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.40	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.062	J	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.42		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.084	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.051	J	0.20	0.036
71-43-2	Benzene	78.11	0.20		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.093	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0201AD Lab Sample ID: 280-25116-5

Matrix: Air Lab File ID: cknq012.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.56		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.11	J	0.50	0.026
108-88-3	Toluene	92.14	0.37		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.028	J	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.17	J	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.44	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.18	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.62		0.20	0.022
100-42-5	Styrene	104.15	0.10	J	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.089	J	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0201AD Lab Sample ID: 280-25116-5

Matrix: Air Lab File ID: cknq012.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0201AD Lab Sample ID: 280-25116-5

Matrix: Air Lab File ID: cknq012.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.1		2.5	0.19
75-45-6	Freon 22	86.47	16	M	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.85	J	1.0	0.027
106-97-8	n-Butane	58.12	3.2		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	1.2	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	20		12	0.11
67-63-0	Isopropyl alcohol	60.10	41		12	0.091
75-15-0	Carbon disulfide	76.14	0.64	J	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.55	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.53	J	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	1.2	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.30	J	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	1.4		0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.53	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.24	J	0.93	0.17
71-43-2	Benzene	78.11	0.65		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.38	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0201AD Lab Sample ID: 280-25116-5

Matrix: Air Lab File ID: cknq012.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	3.0		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.44	J	2.0	0.11
108-88-3	Toluene	92.14	1.4		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.13	J	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.75	J	0.87	0.096
179601-23-1	m,p-Xylene	106.17	1.9	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.79	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	2.7		0.87	0.096
100-42-5	Styrene	104.15	0.44	J	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.49	J	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0201AD Lab Sample ID: 280-25116-5

Matrix: Air Lab File ID: cknq012.d

Analysis Method: TO-15 Date Collected: 01/25/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-5
Client Smp ID: 774VMP0201AD
Inj Date : 06-FEB-2012 18:27
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-5
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50

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	5.057	5.057	(0.455)	40245	0.62560	0.63
3 Chlorodifluoromethane	51	5.100	5.100	(0.459)	157586	4.56515	4.6(M)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.506	5.516	(0.496)	8021	0.41140	0.41(a)
6 Butane	43	5.724	5.730	(0.516)	51491	1.32595	1.3(Q)
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	7.139	7.149	(0.643)	18024	0.27660	0.28
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.009	8.014	(0.721)	6923	0.15240	0.15(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.195	8.211	(0.738)	269865	8.29855	8.3
21 Carbon disulfide	76	8.478	8.494	(0.764)	13190	0.20433	0.20(a)

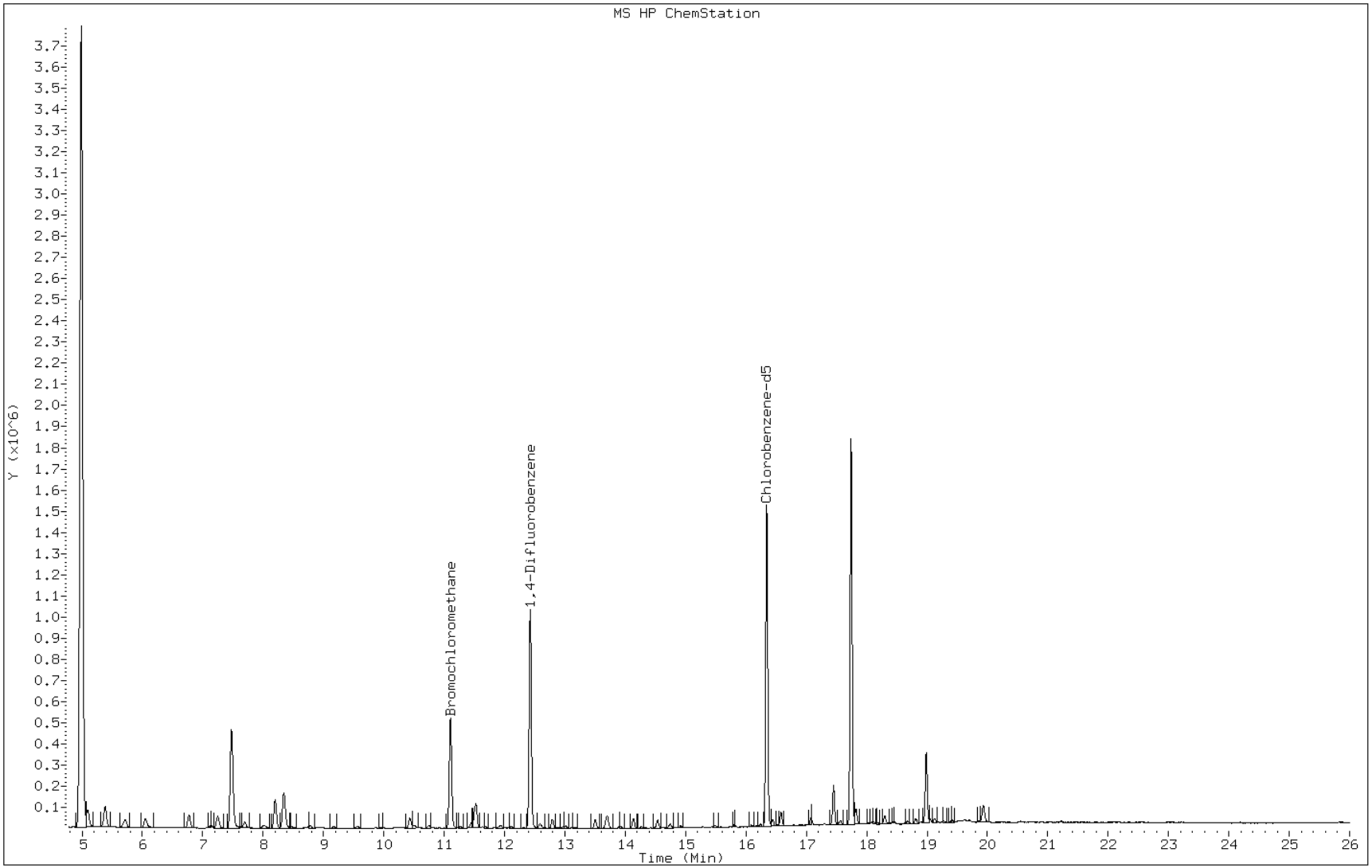
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
22	Isopropanol	45	8.345	8.350	(0.752)	372423	16.6881	17
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	8.895	8.910	(0.801)	3873	0.15846	0.16(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.562	9.572	(0.861)	6007	0.15137	0.15(a)
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	10.752	10.762	(0.968)	4804	0.40311	0.40(aQ)
* 37	Bromochloromethane	128	11.104	11.125	(1.000)	199402	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	11.157	11.173	(1.005)	3241	0.06205	0.062(aQ)
40	Cyclohexane	84	11.462	11.477	(0.922)	15950	0.41698	0.42(Q)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	11.638	11.648	(0.936)	5106	0.08414	0.084(a)
43	2,2,4-Trimethylpentane	57	11.889	11.904	(0.957)	6652	0.05109	0.051(a)
44	Benzene	78	11.942	11.958	(0.961)	16928	0.20401	0.20
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	12.107	12.129	(0.974)	4513	0.09348	0.093(a)
* 47	1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1164292	10.0000	
49	Trichloroethene	95	12.796	12.812	(1.030)	20803	0.55965	0.56
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	14.263	14.269	(1.148)	5405	0.10837	0.11(a)
58	Toluene	92	14.536	14.557	(0.889)	22742	0.36505	0.37
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	16.345	16.366	(1.000)	1122058	10.0000	
66	Chlorobenzene	112	16.382	16.403	(1.002)	2345	0.02835	0.028(aQ)
68	Ethylbenzene	91	16.446	16.462	(1.006)	23905	0.17334	0.17(a)
69	Xylene (m,p)	106	16.580	16.601	(1.014)	23841	0.43980	0.44(a)
M 70	Xylenes, Total	106				33307	0.62286	0.62
71	Xylene (o)	106	17.076	17.092	(1.045)	9466	0.18306	0.18(a)
72	Styrene	104	17.097	17.113	(1.046)	8369	0.10403	0.10(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	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	19.051	19.066	(1.166)	13576	0.08883	0.089(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.
M - Compound response manually integrated.

Data File:	cknq012.d	Date:	06-FEB-2012 18:27
Client ID:	774VMP0201AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-5		
Lab Sample ID:	280-25116-5		



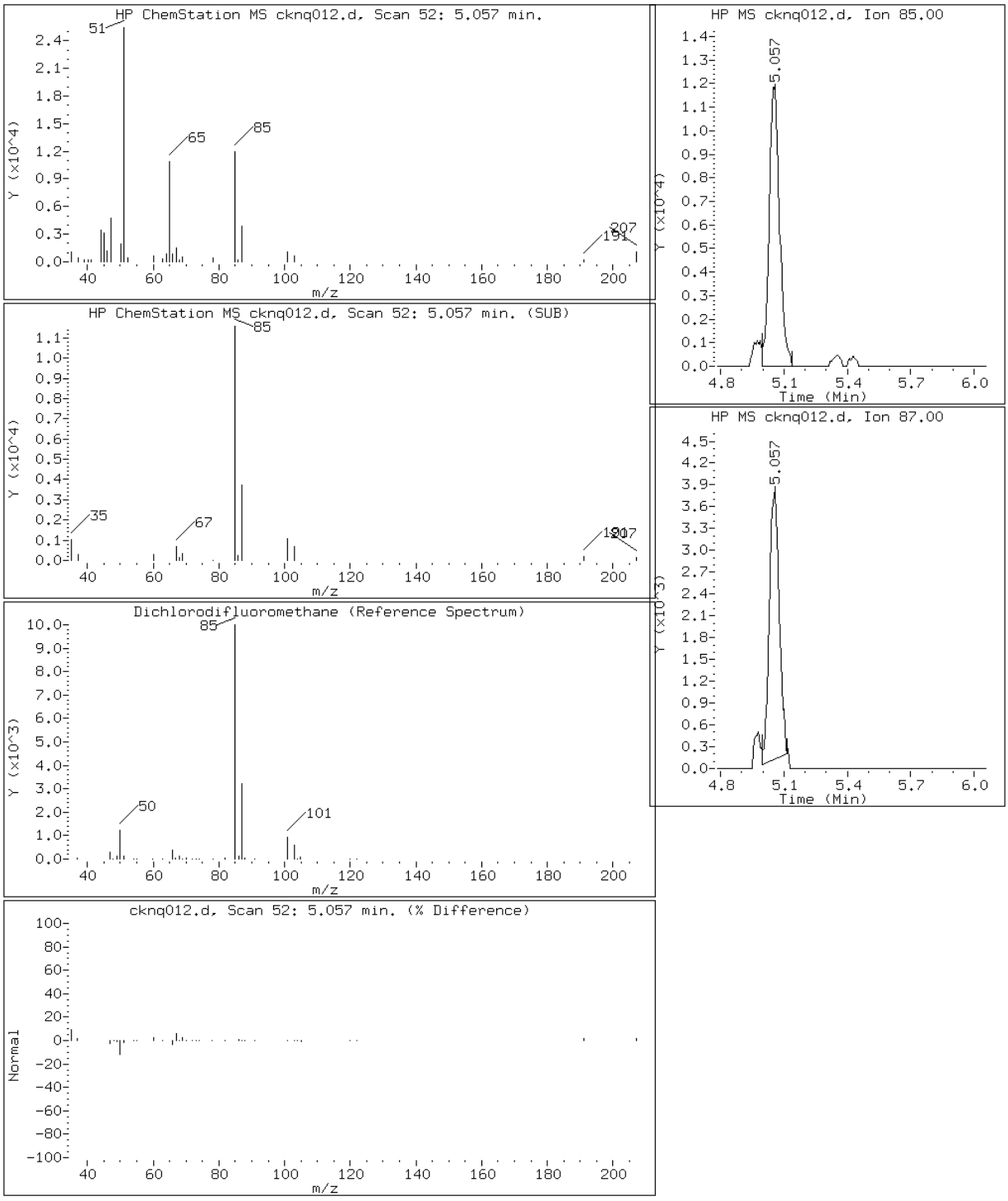
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

2 Dichlorodifluoromethane



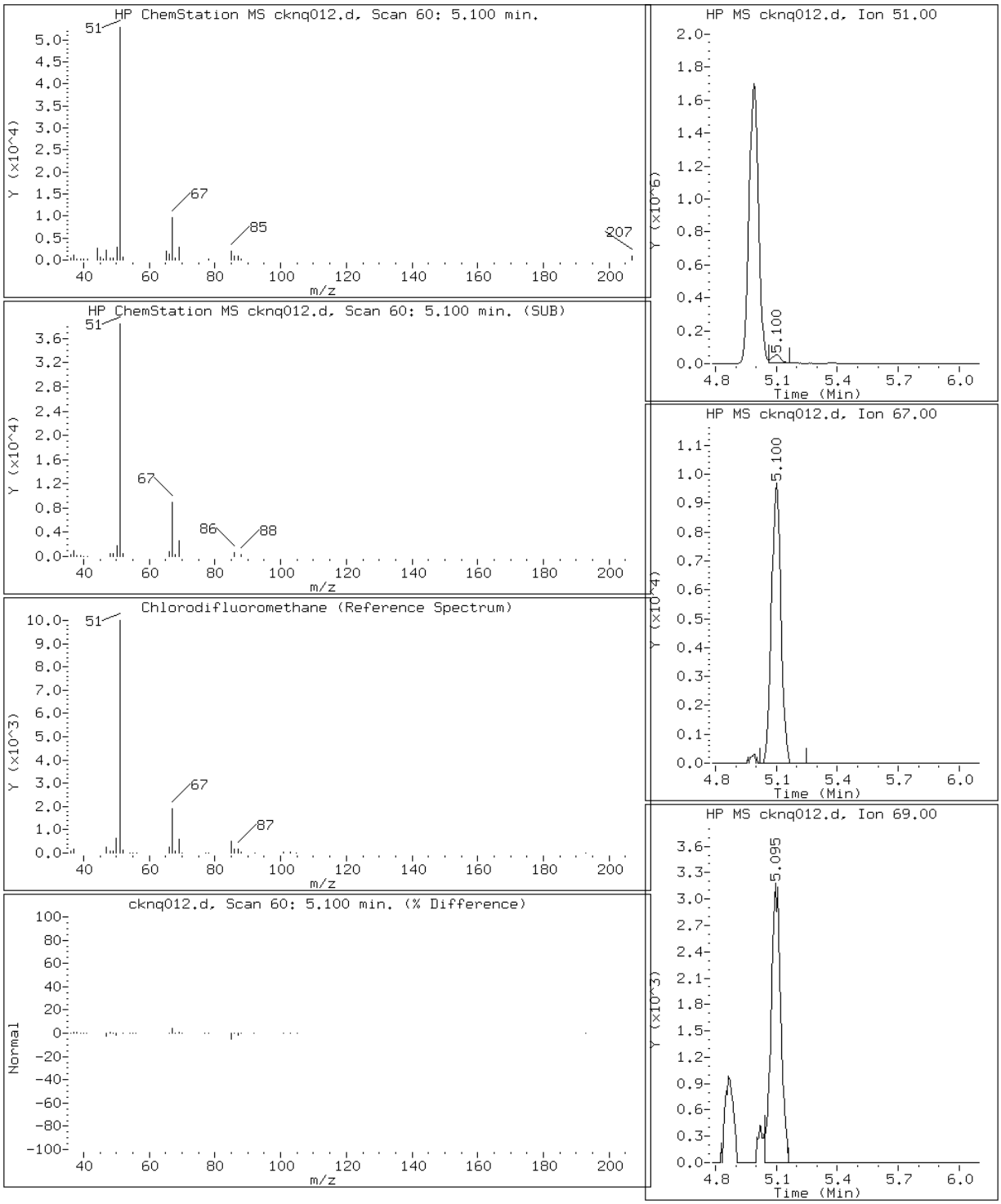
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

3 Chlorodifluoromethane



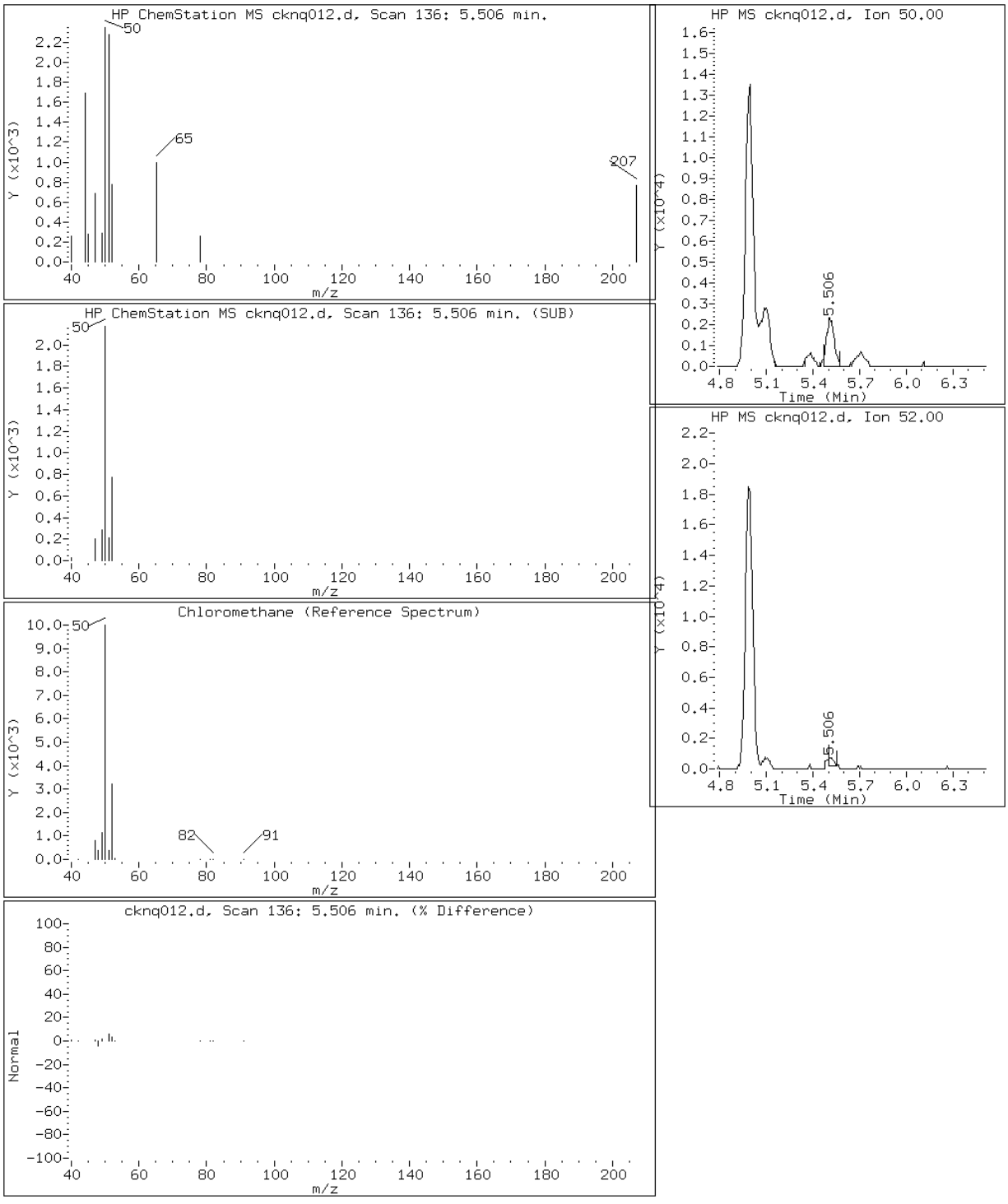
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

5 Chloromethane



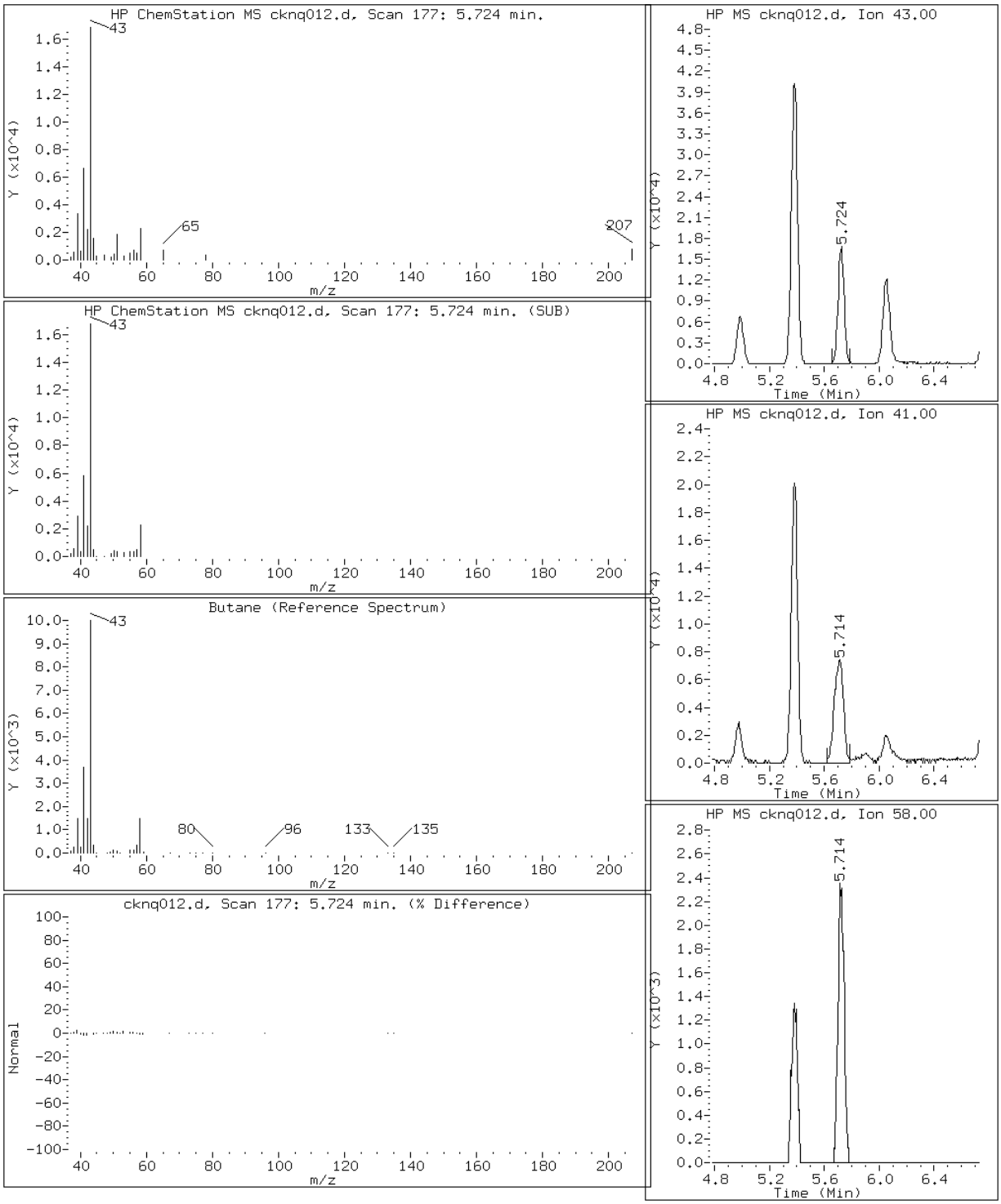
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

6 Butane



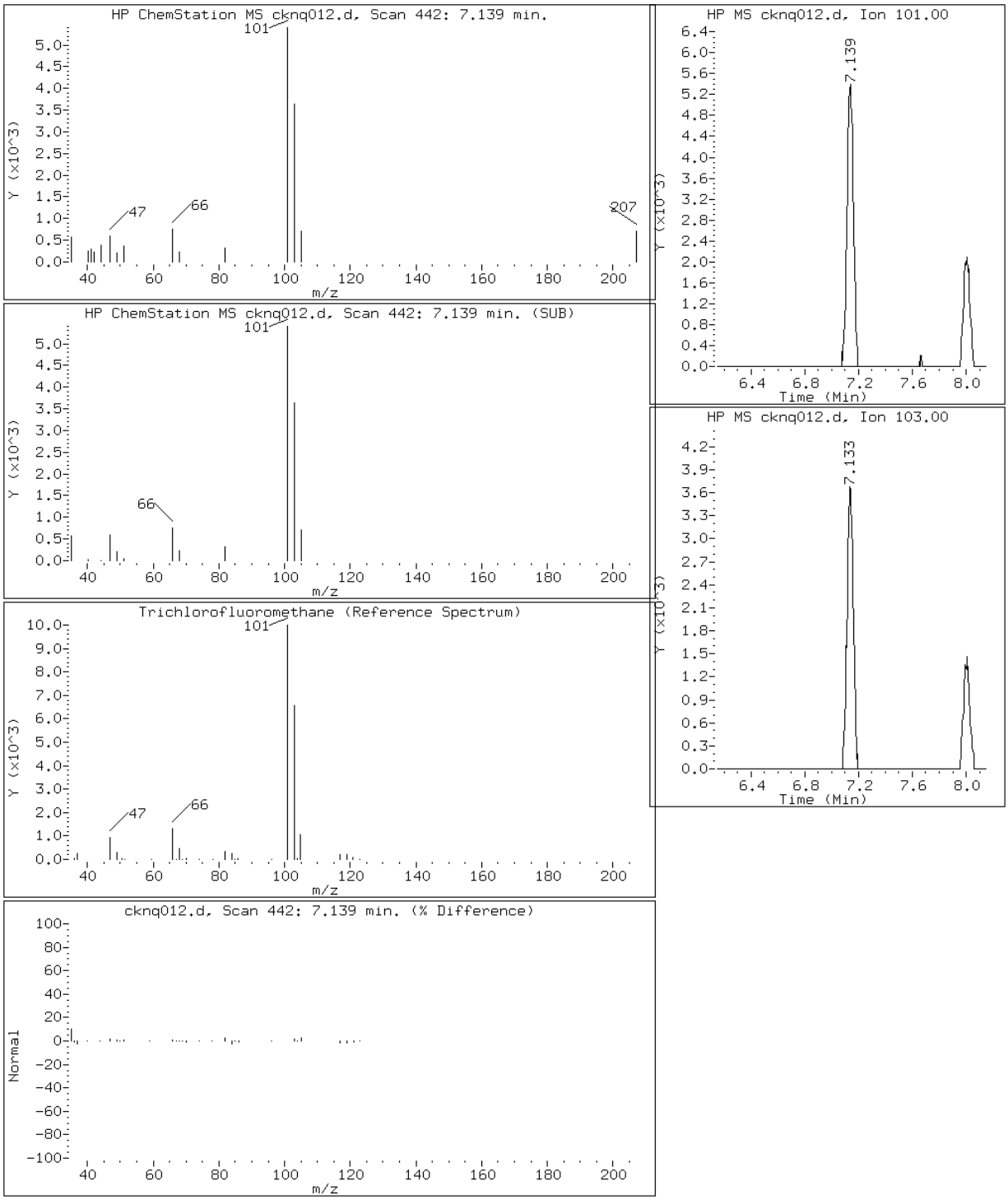
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

13 Trichlorofluoromethane



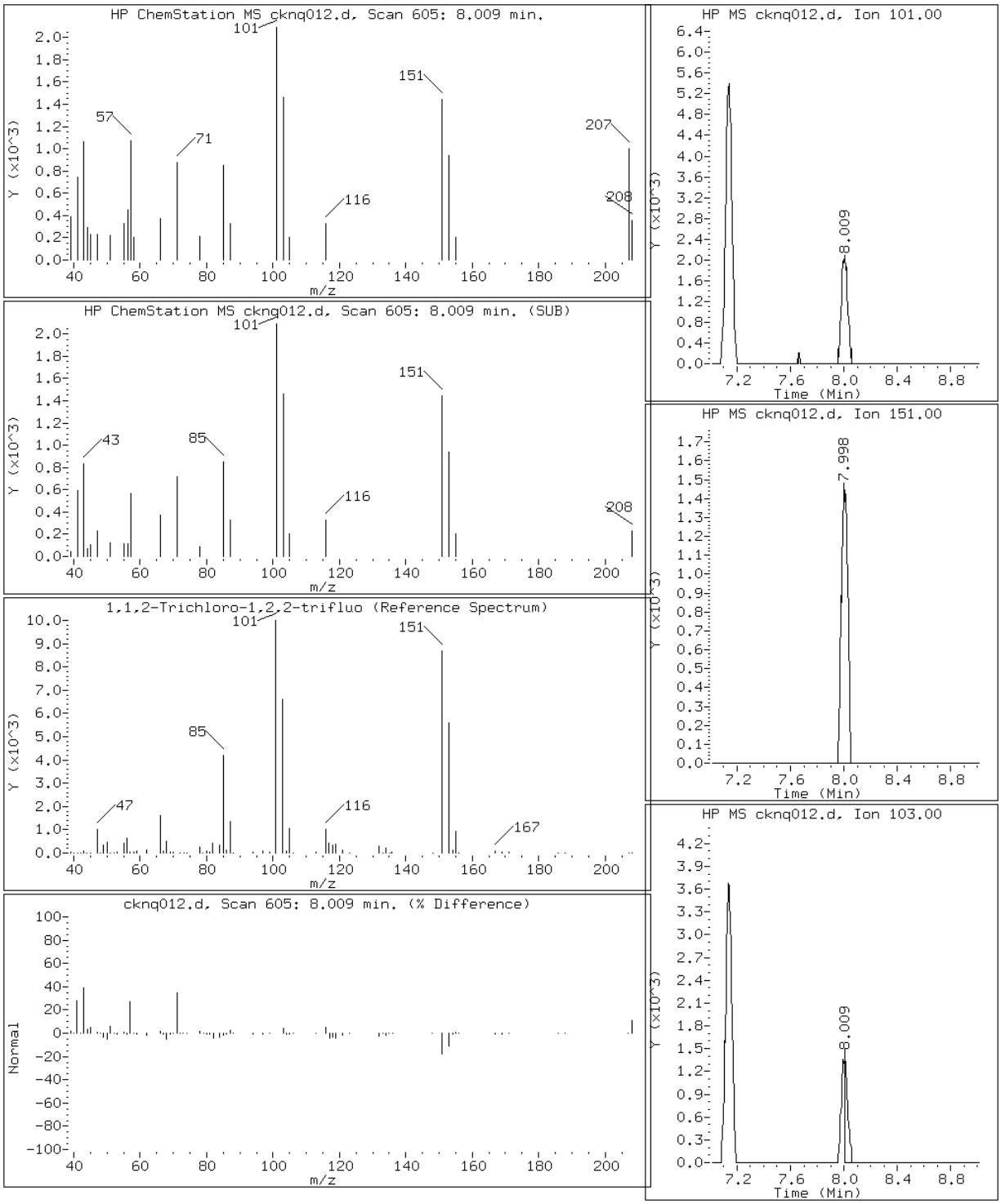
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

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



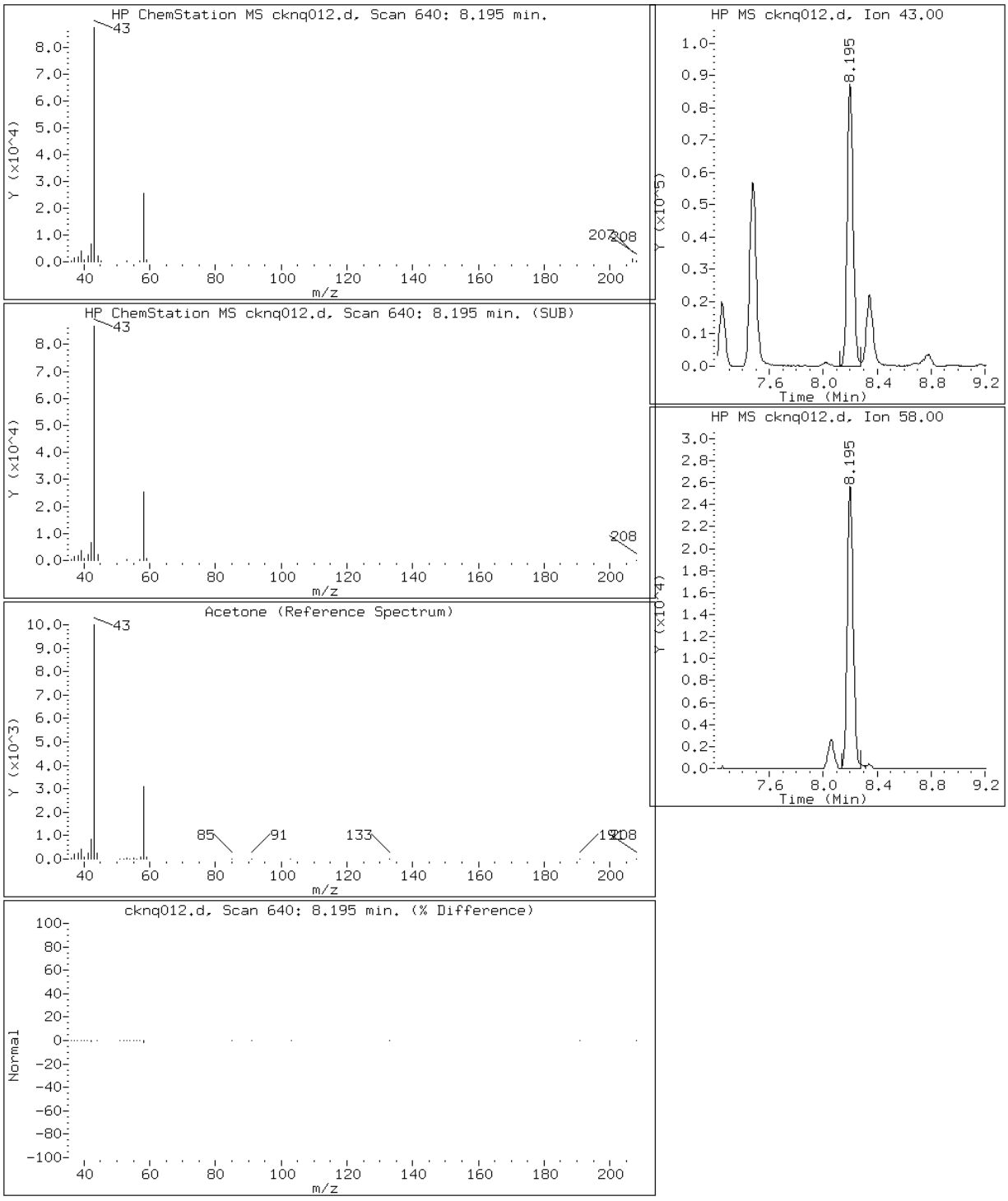
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

20 Acetone



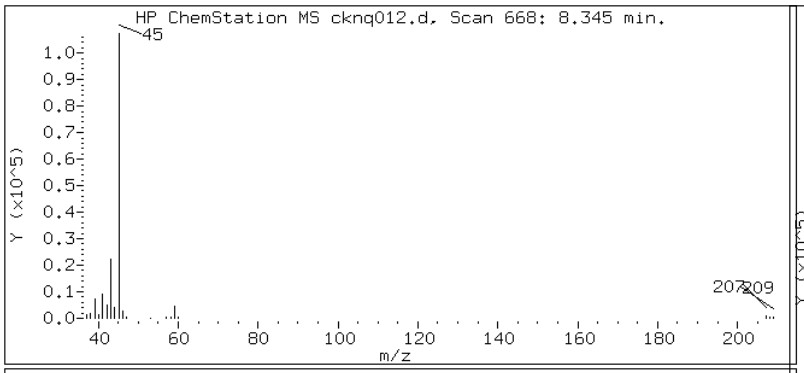
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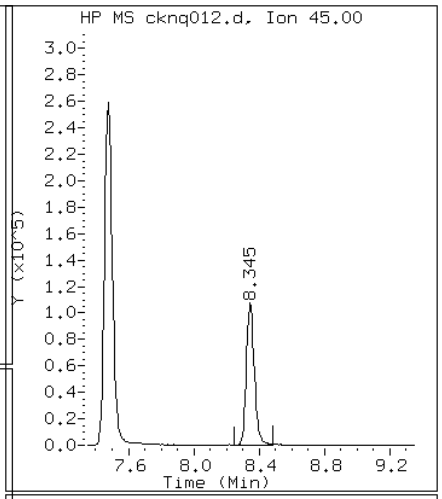
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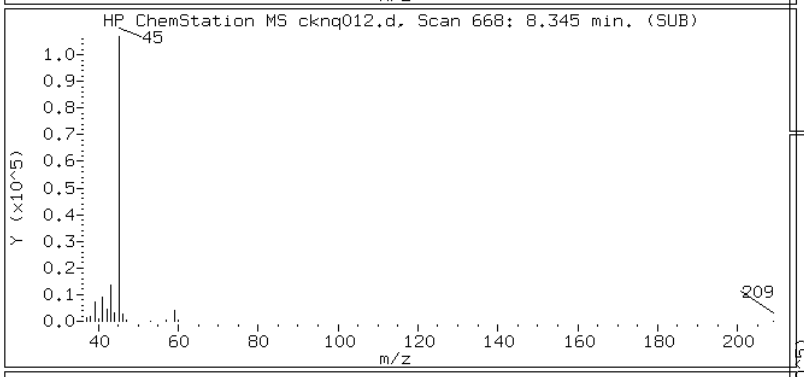
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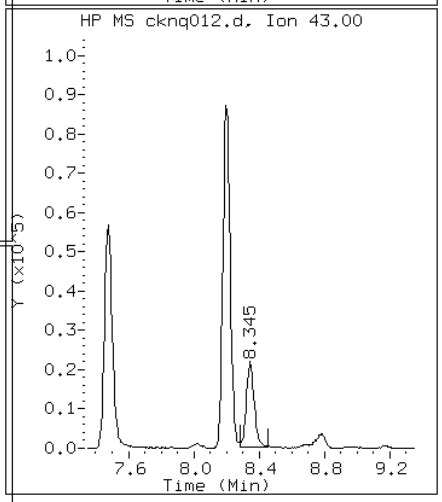
Sample Info: 280-25116-A-5 Operator: wrd

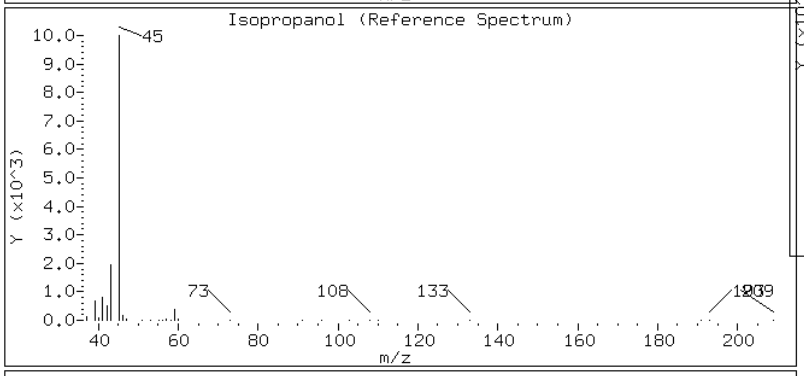
22 Isopropanol

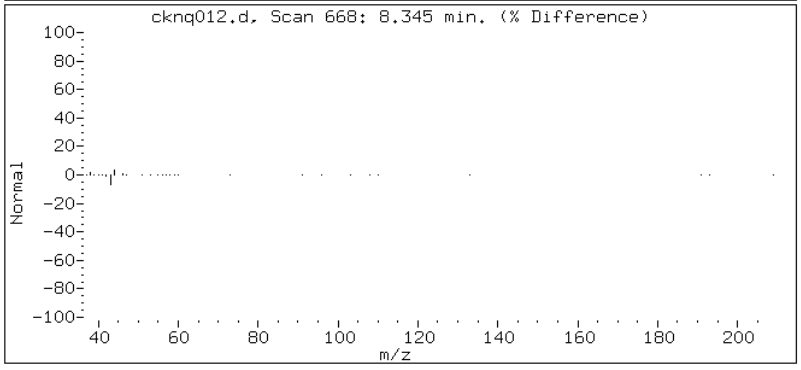












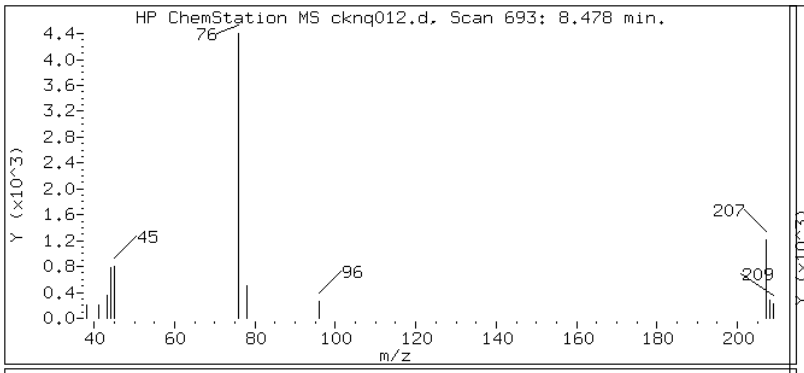
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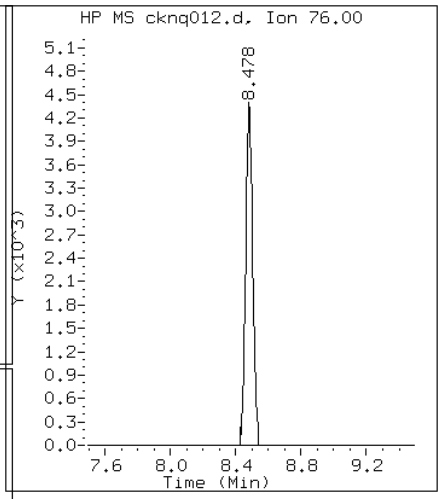
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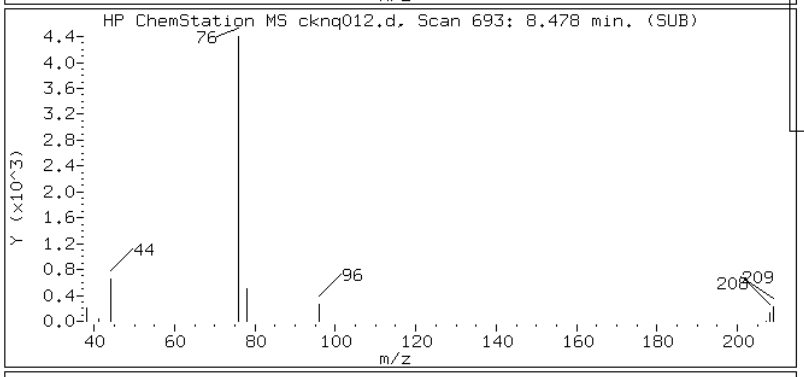
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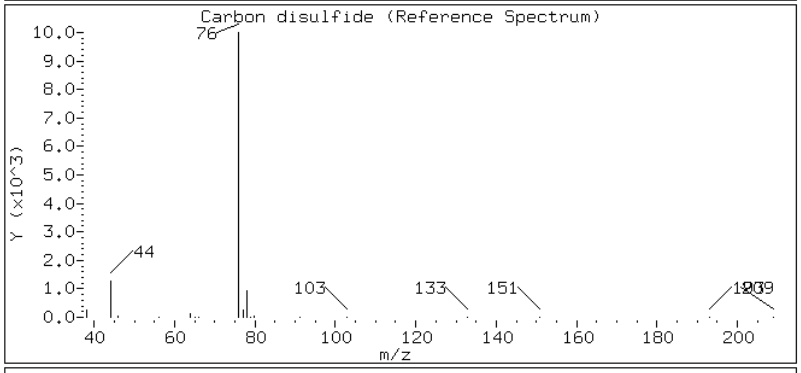
Sample Info: 280-25116-A-5 Operator: wrd

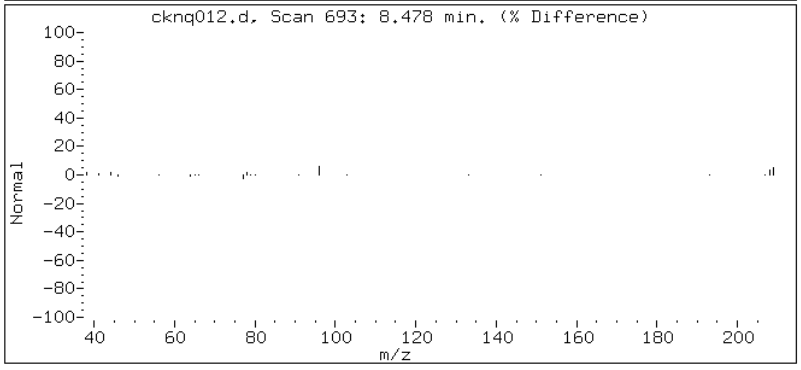
21 Carbon disulfide











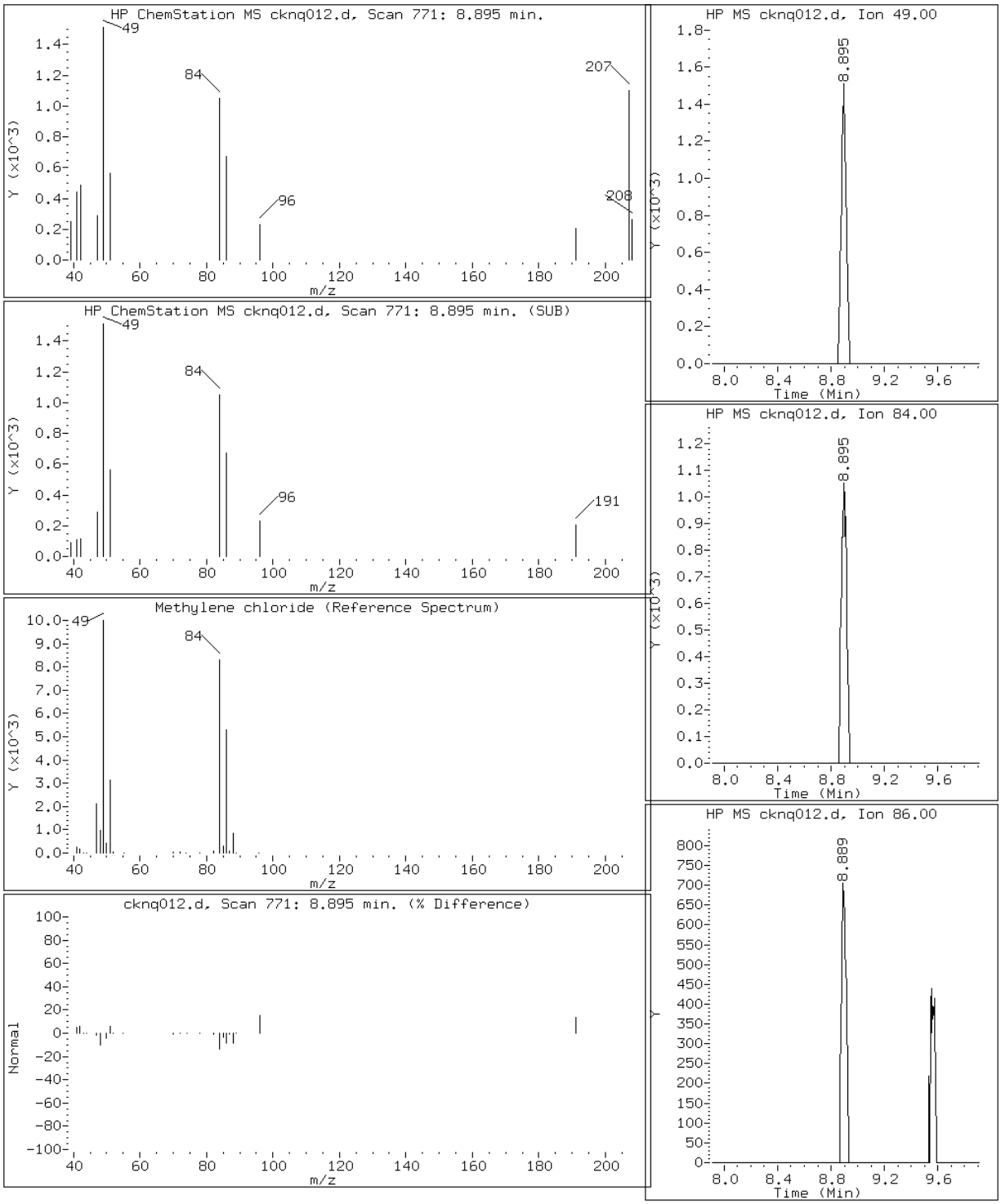
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

25 Methylene chloride



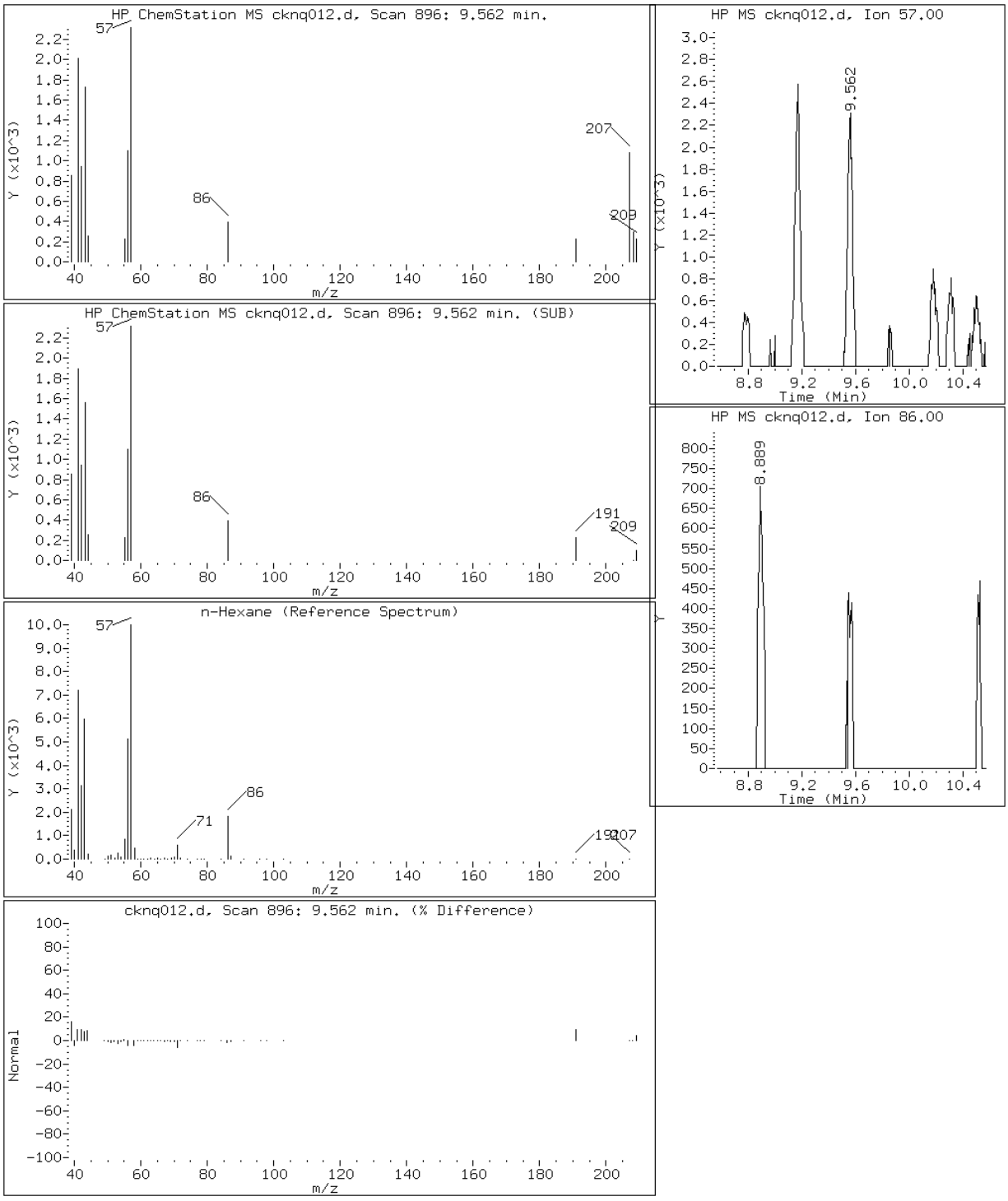
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

30 n-Hexane



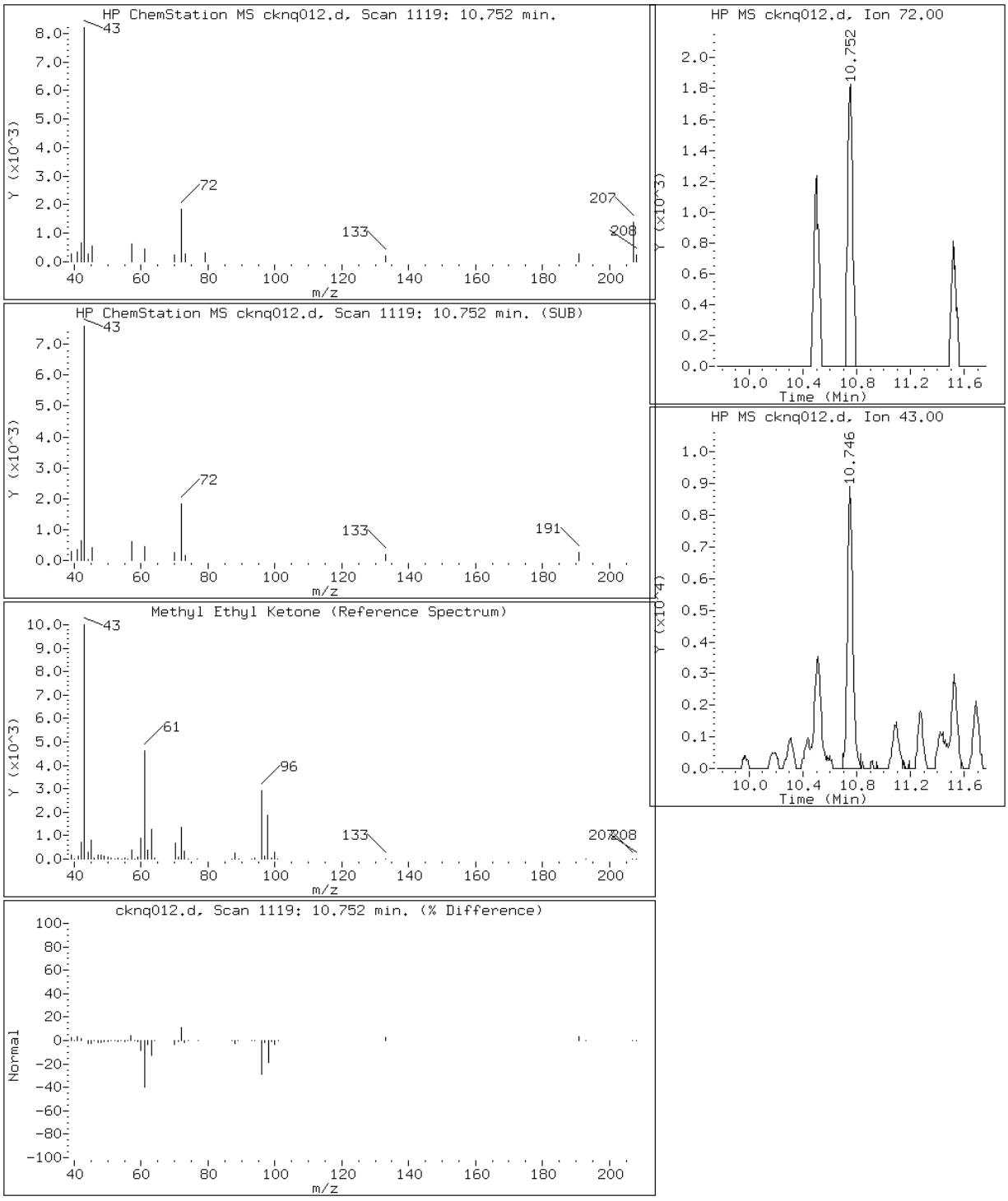
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

36 Methyl Ethyl Ketone



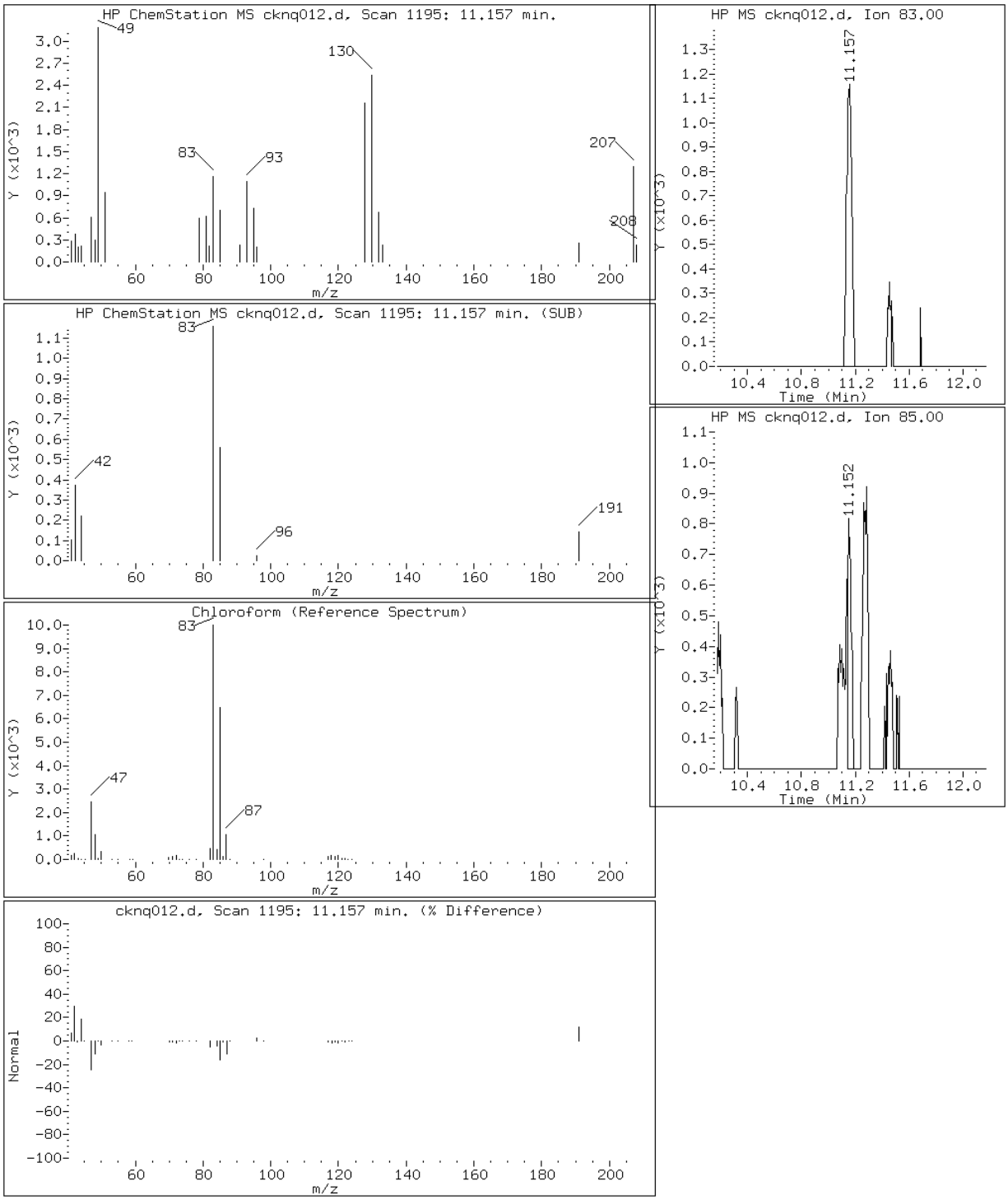
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

39 Chloroform



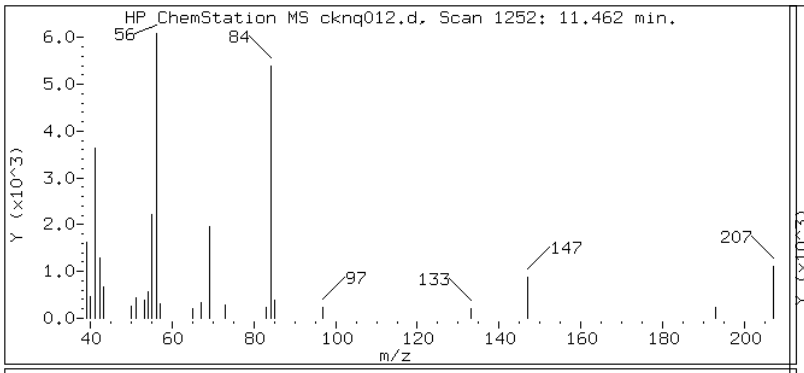
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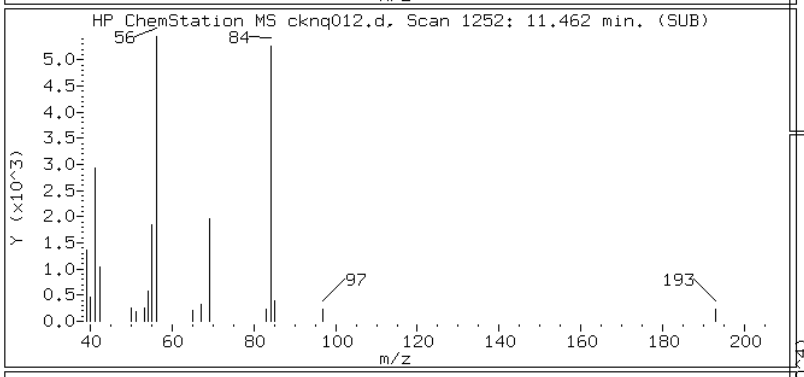
Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

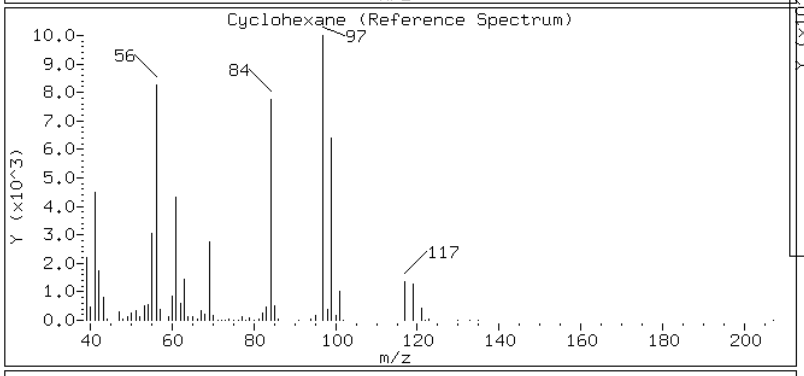
Client ID: 774VMP0201AD Instrument: C.i

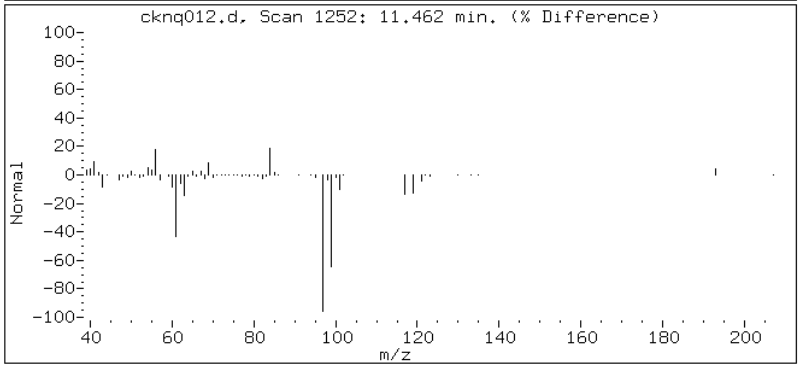
Sample Info: 280-25116-A-5 Operator: wrd

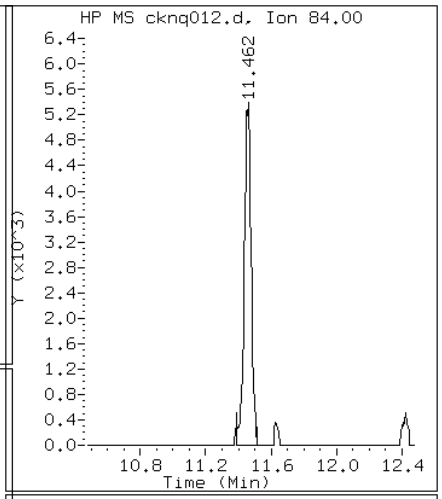
40 Cyclohexane

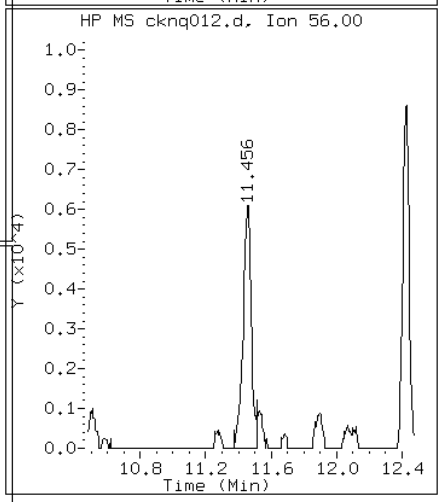












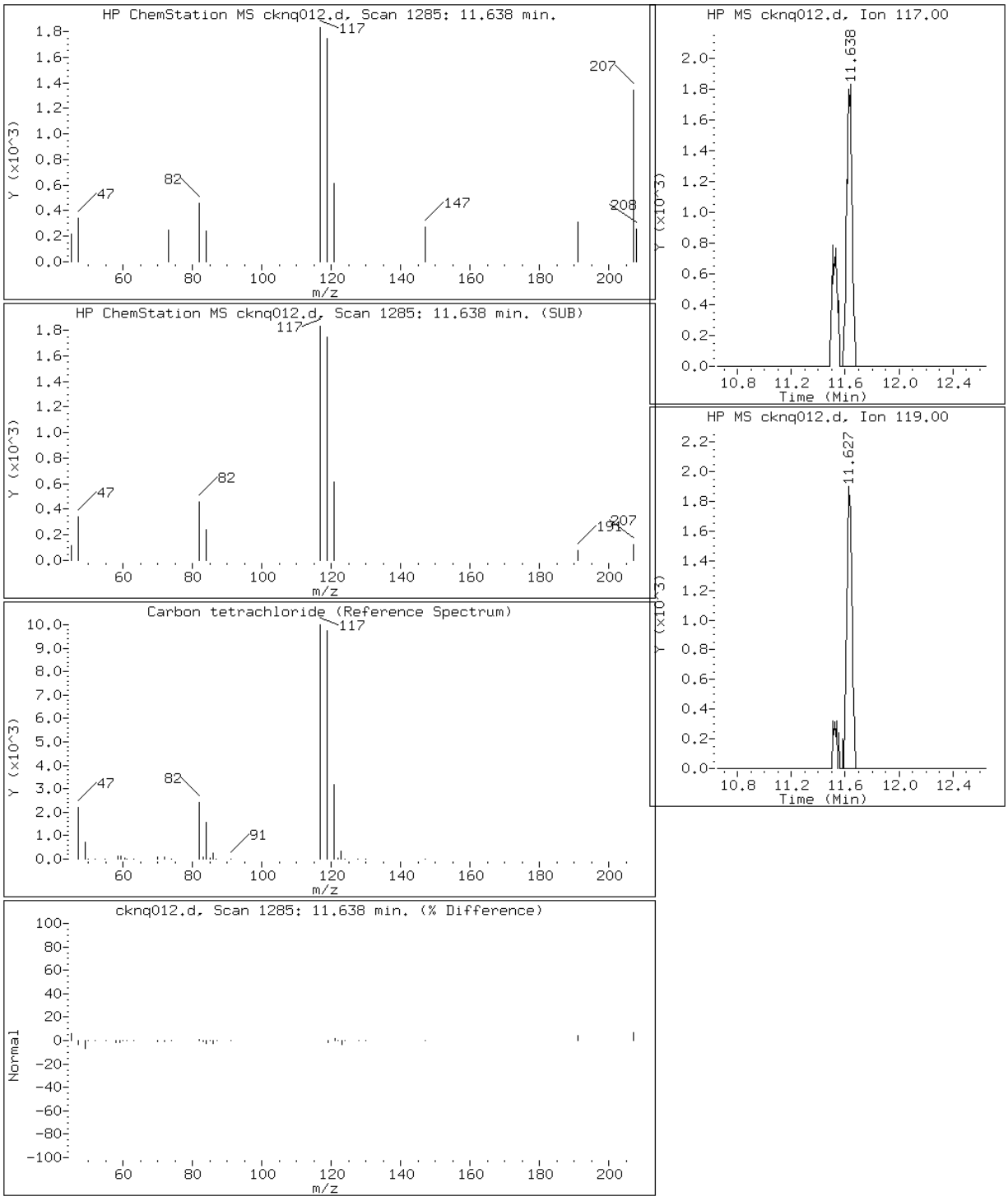
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

42 Carbon tetrachloride



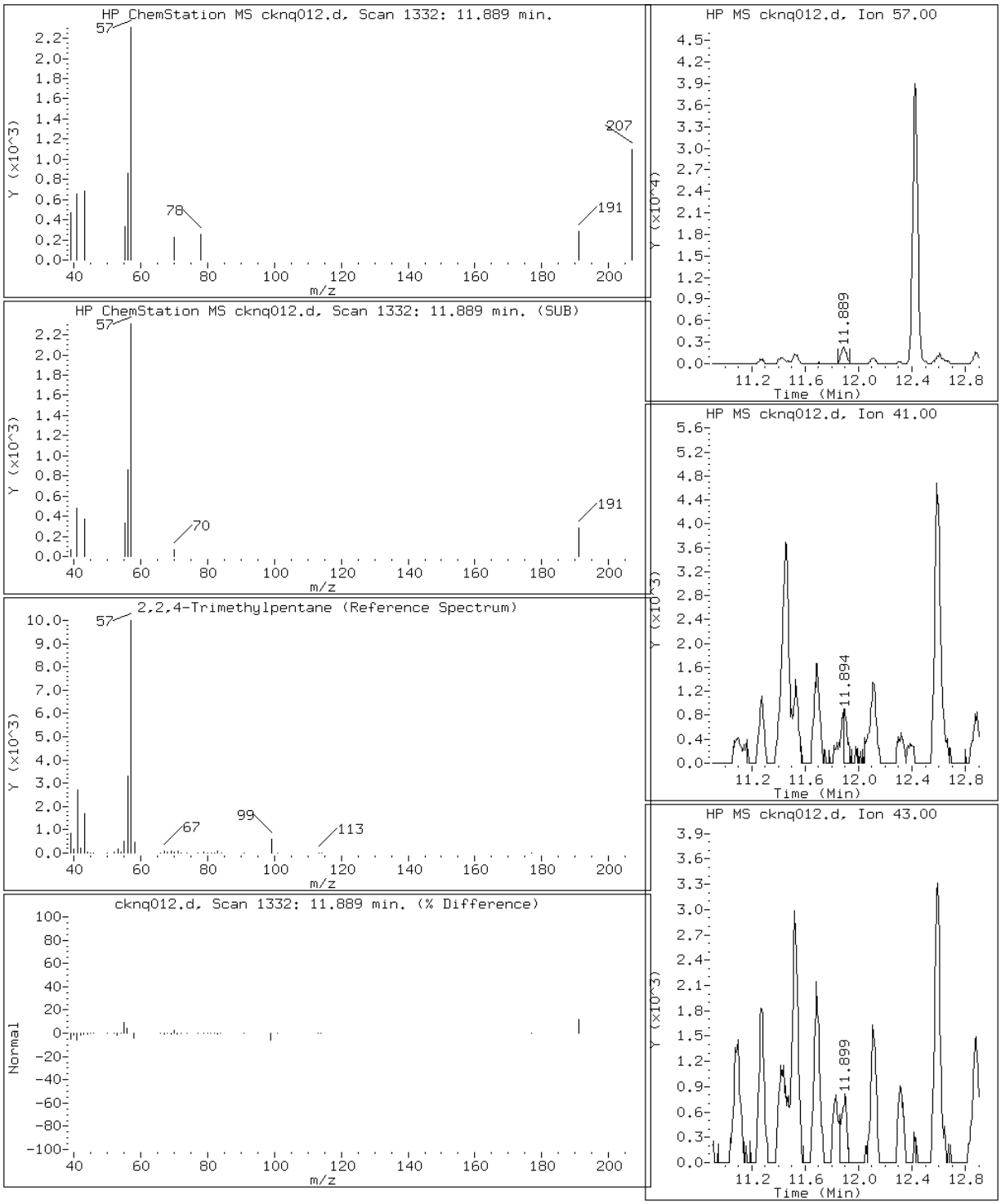
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

43 2,2,4-Trimethylpentane



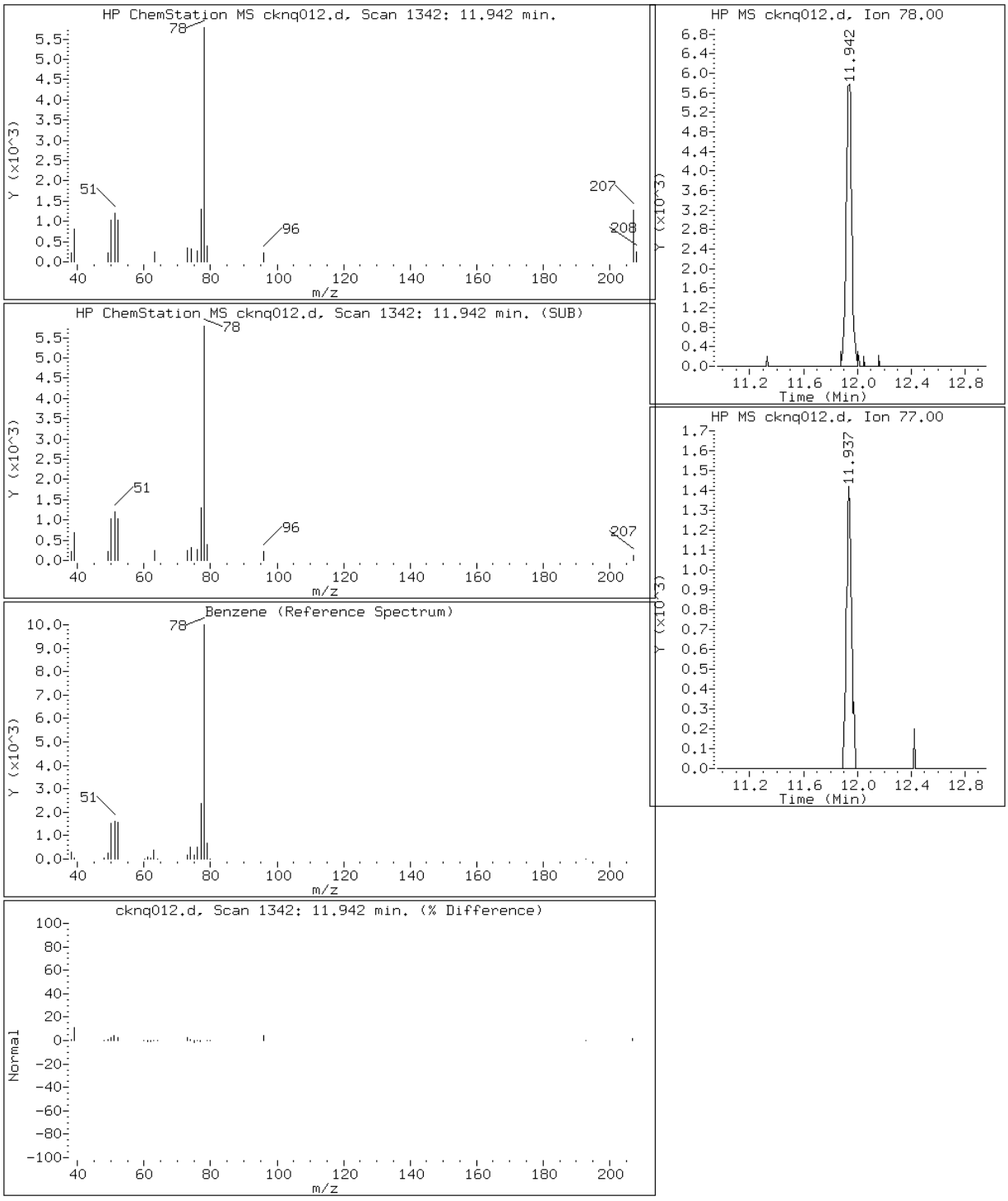
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

44 Benzene



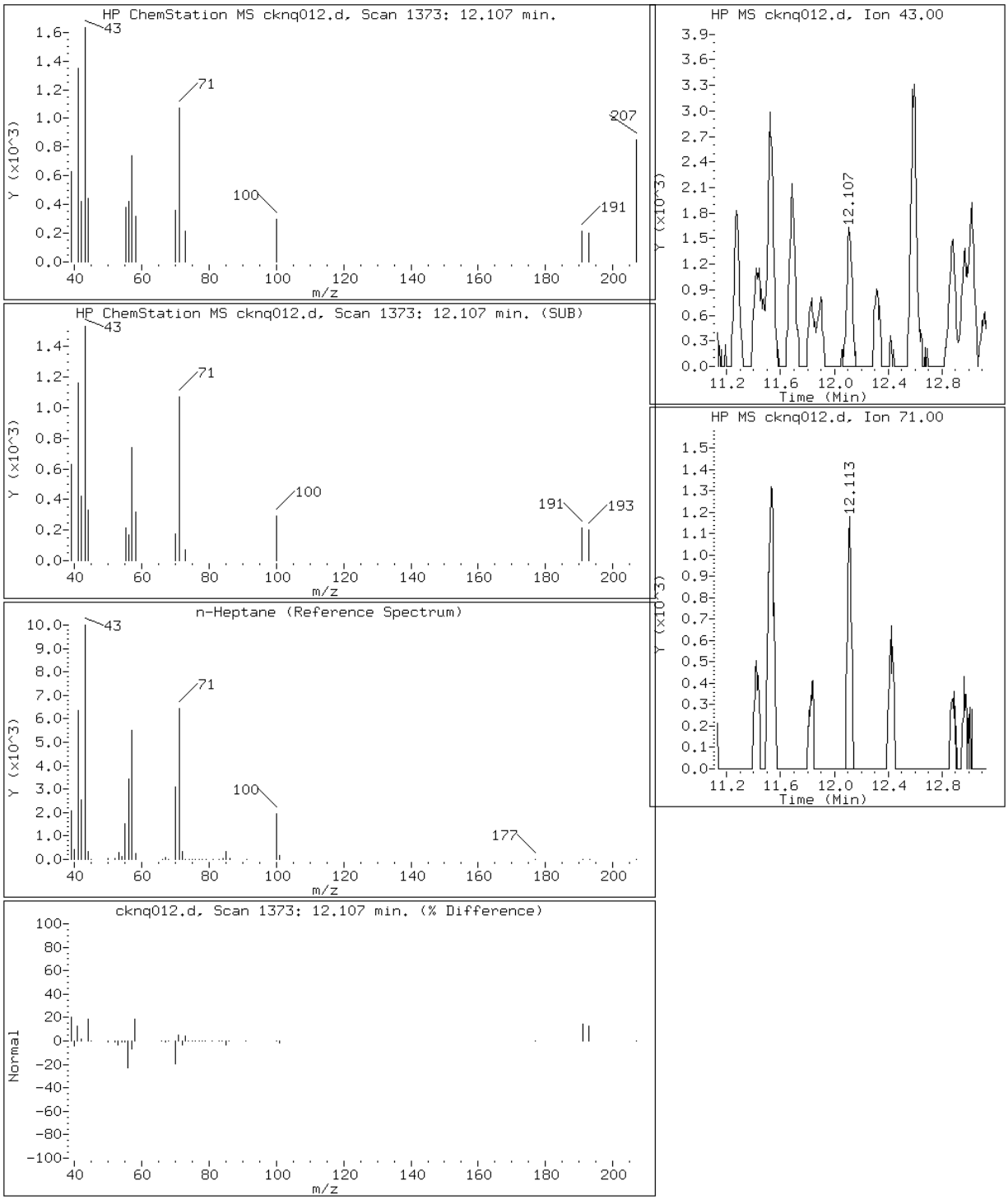
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

46 n-Heptane



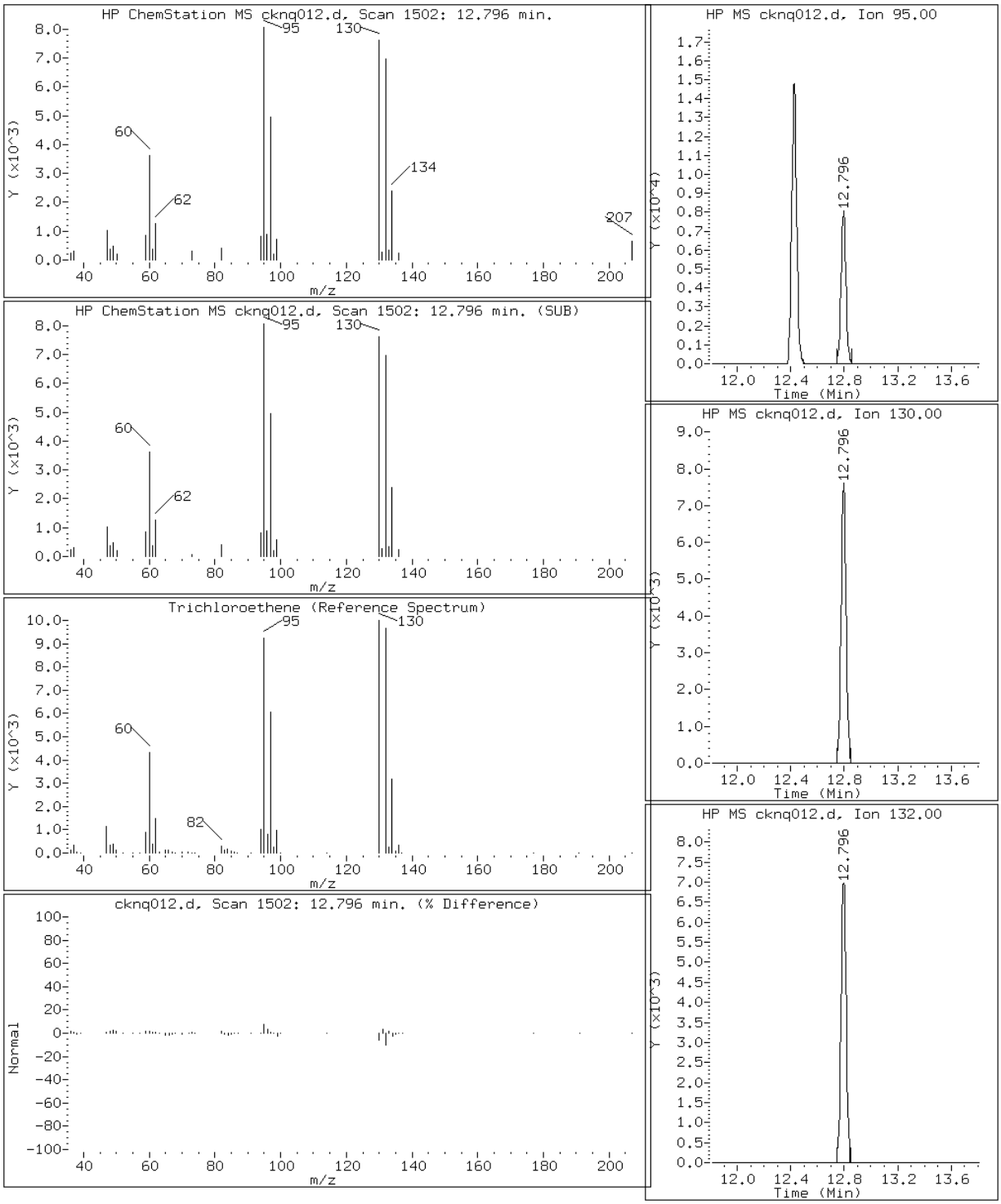
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

49 Trichloroethene



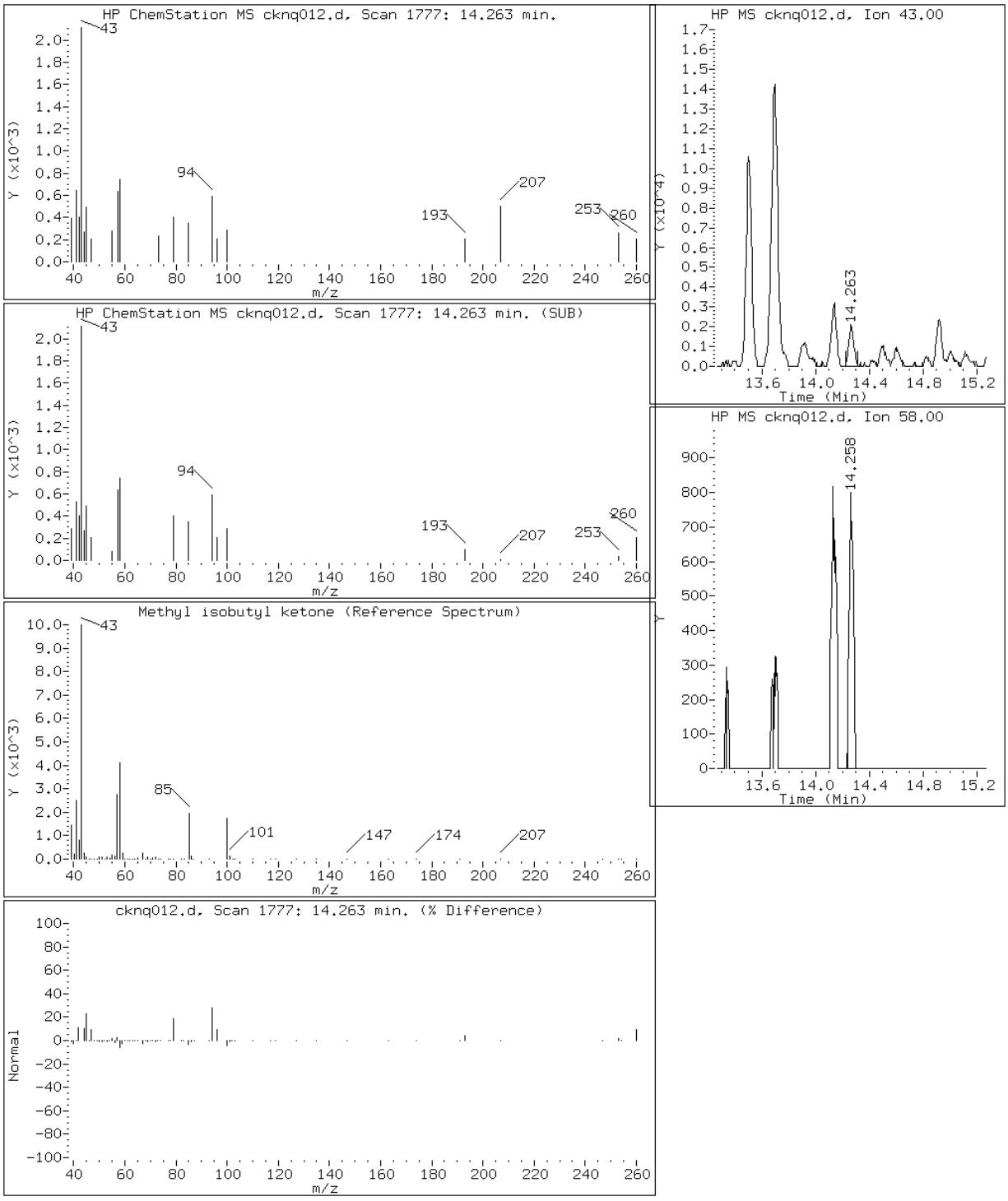
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

56 Methyl isobutyl ketone



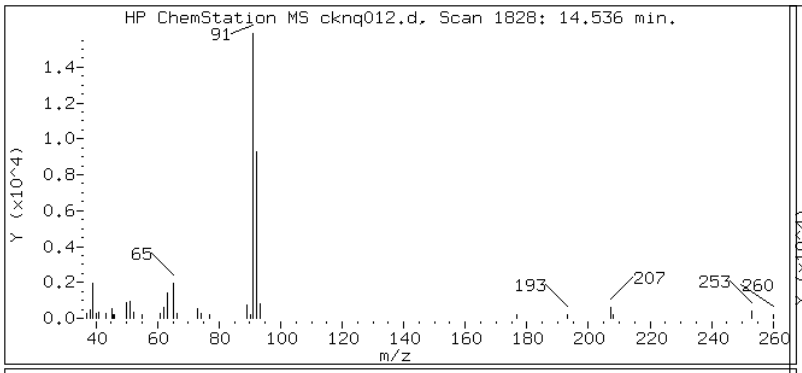
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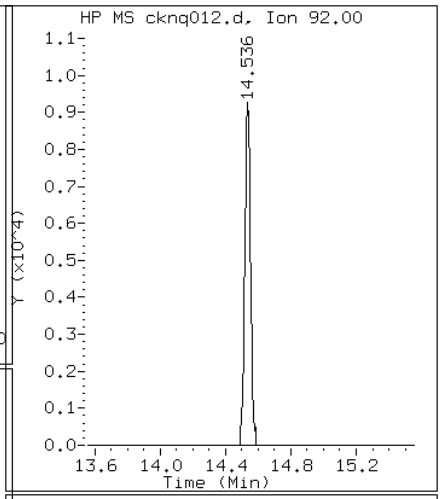
Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

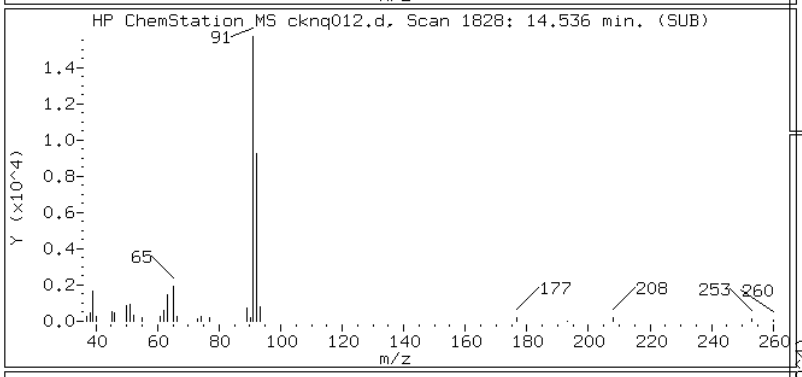
Client ID: 774VMP0201AD Instrument: C.i

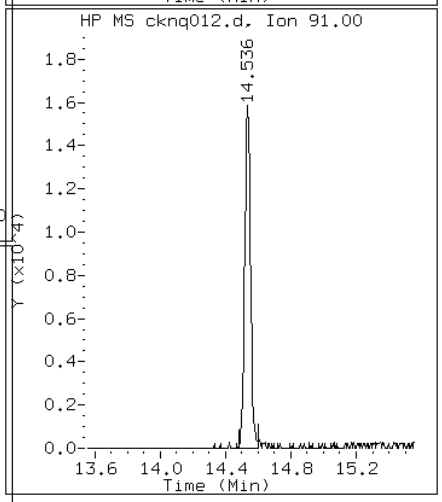
Sample Info: 280-25116-A-5 Operator: wrd

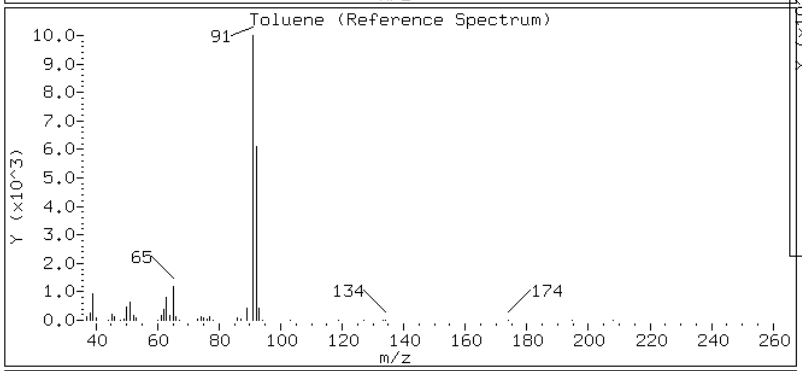
58 Toluene

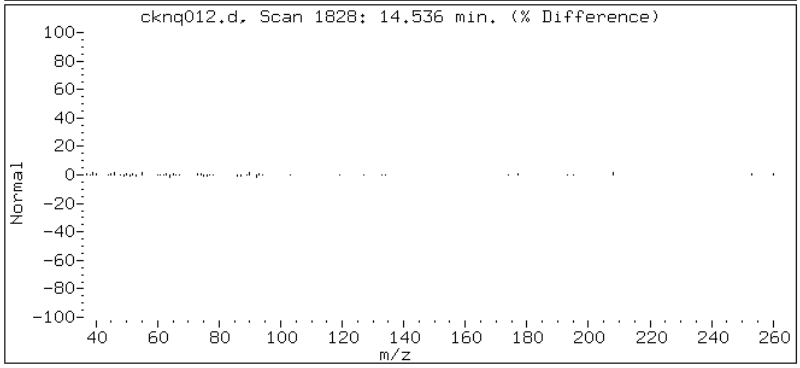












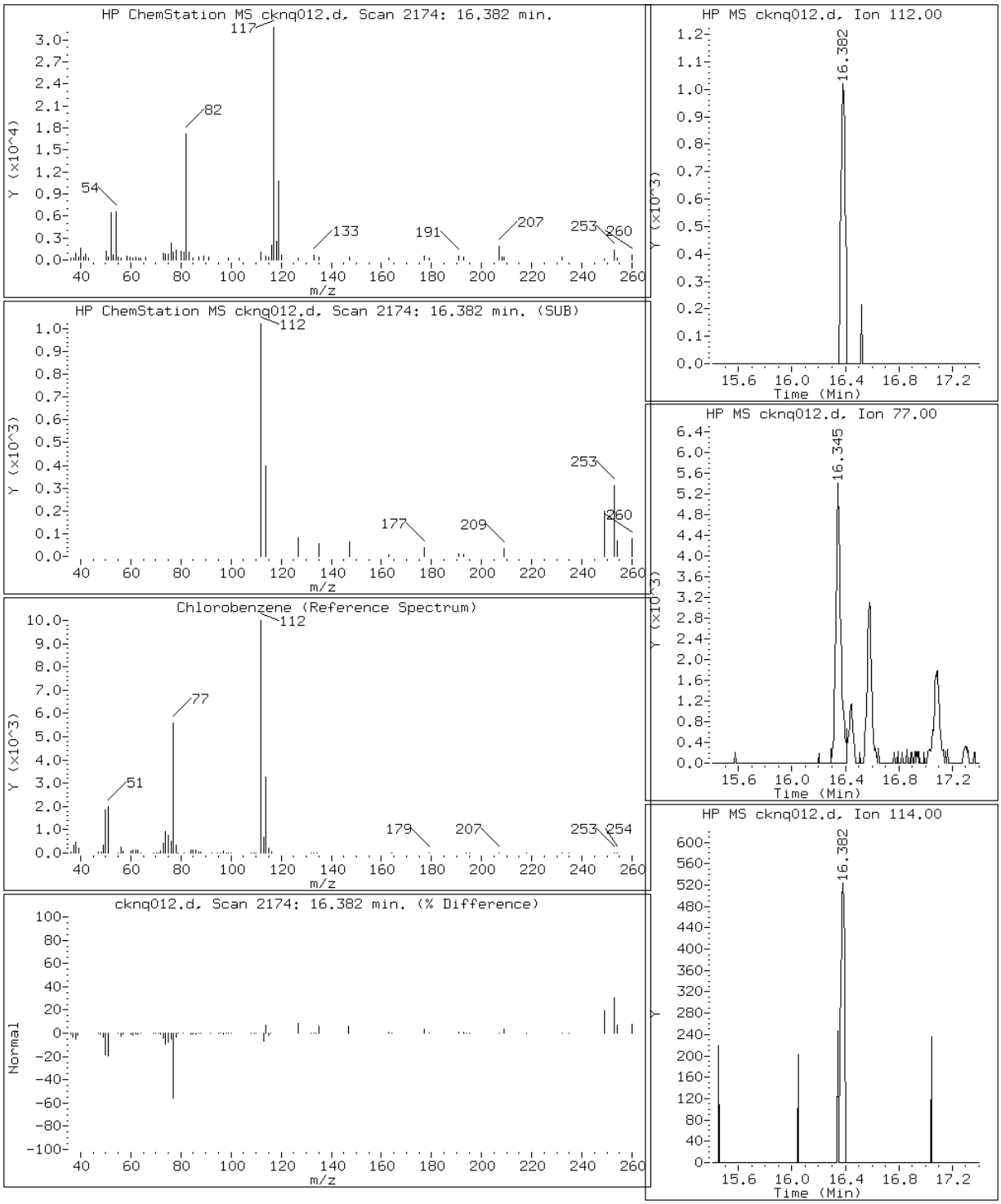
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

66 Chlorobenzene



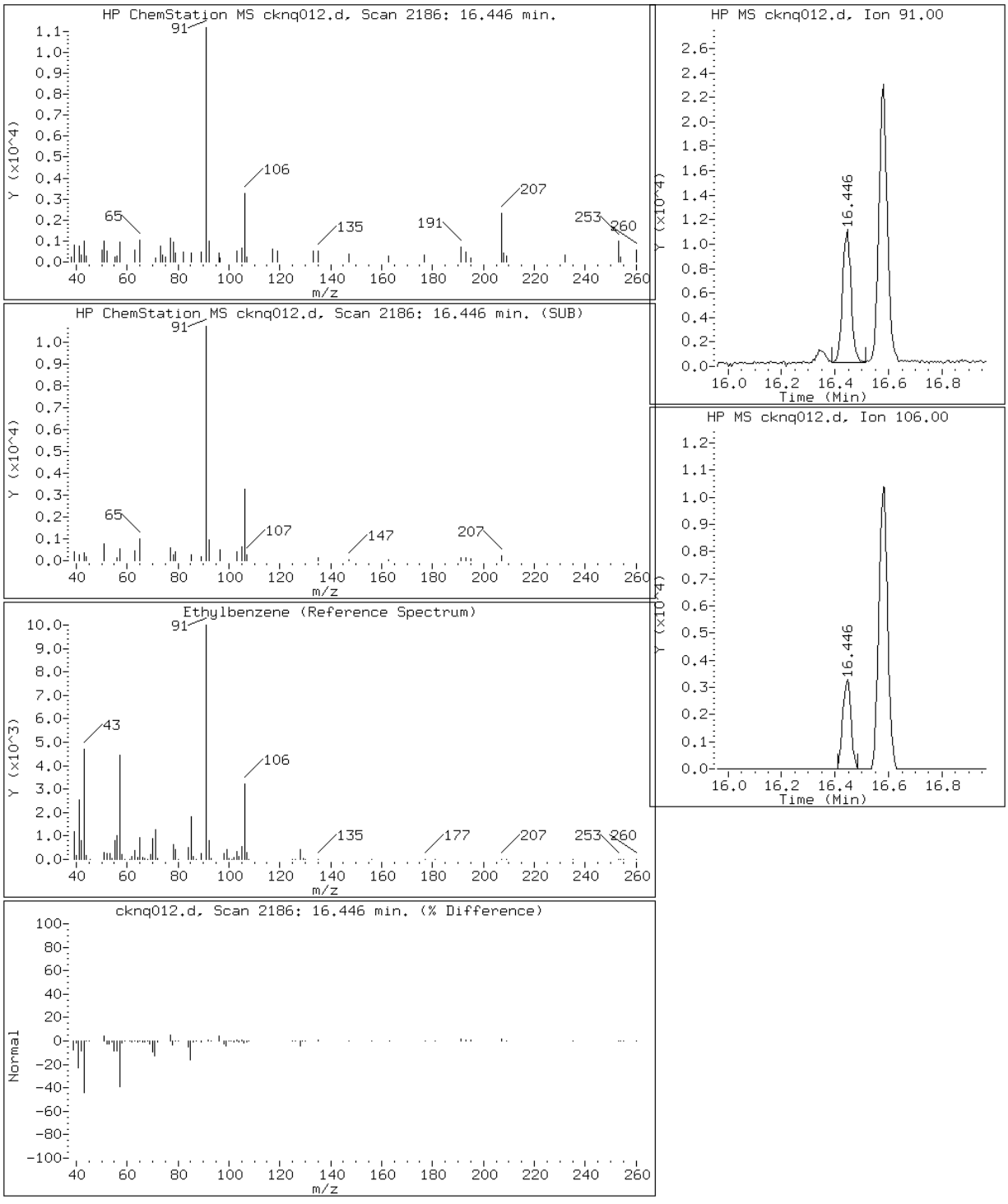
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

68 Ethylbenzene



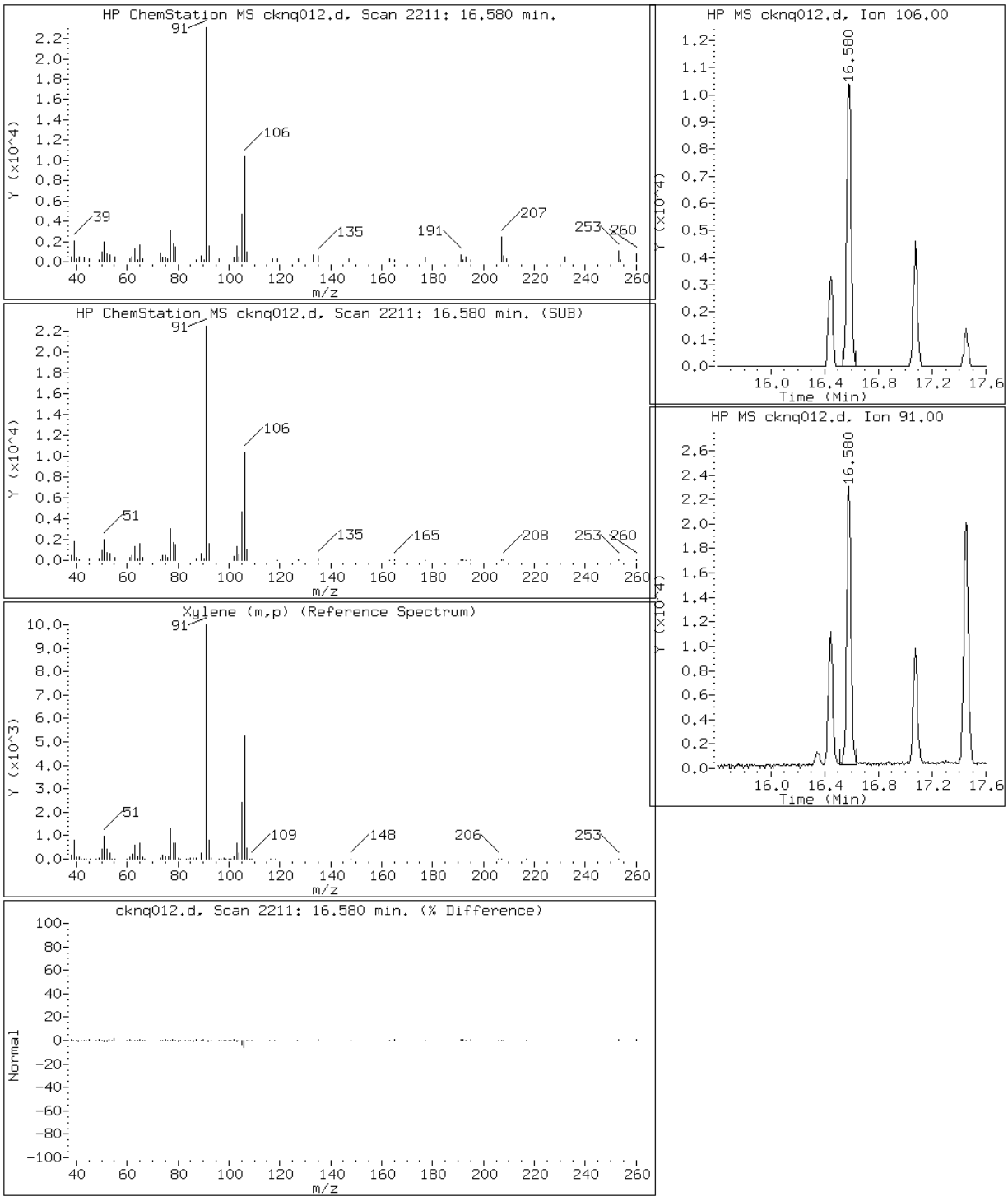
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

69 Xylene (m,p)



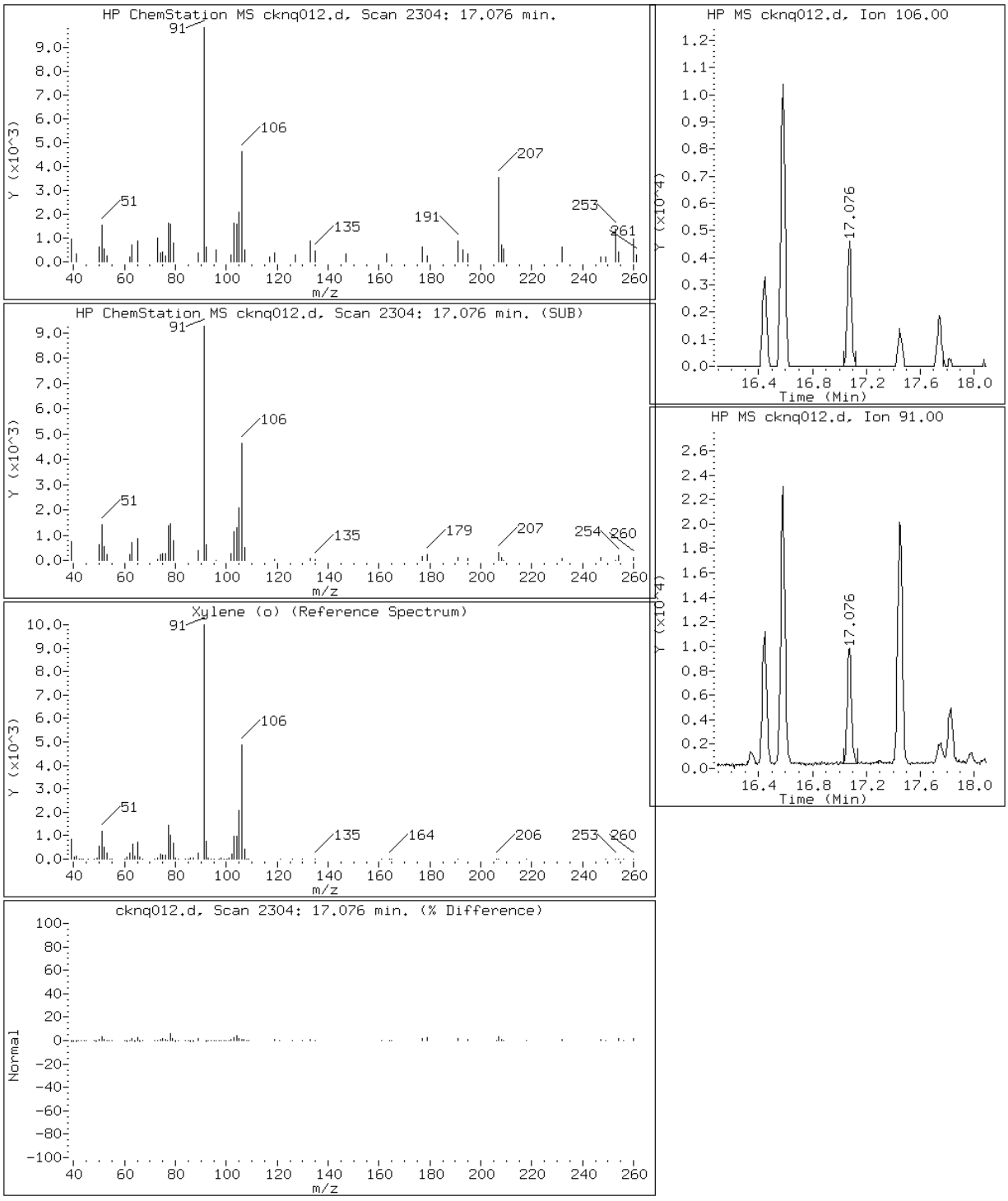
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Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

71 Xylene (o)



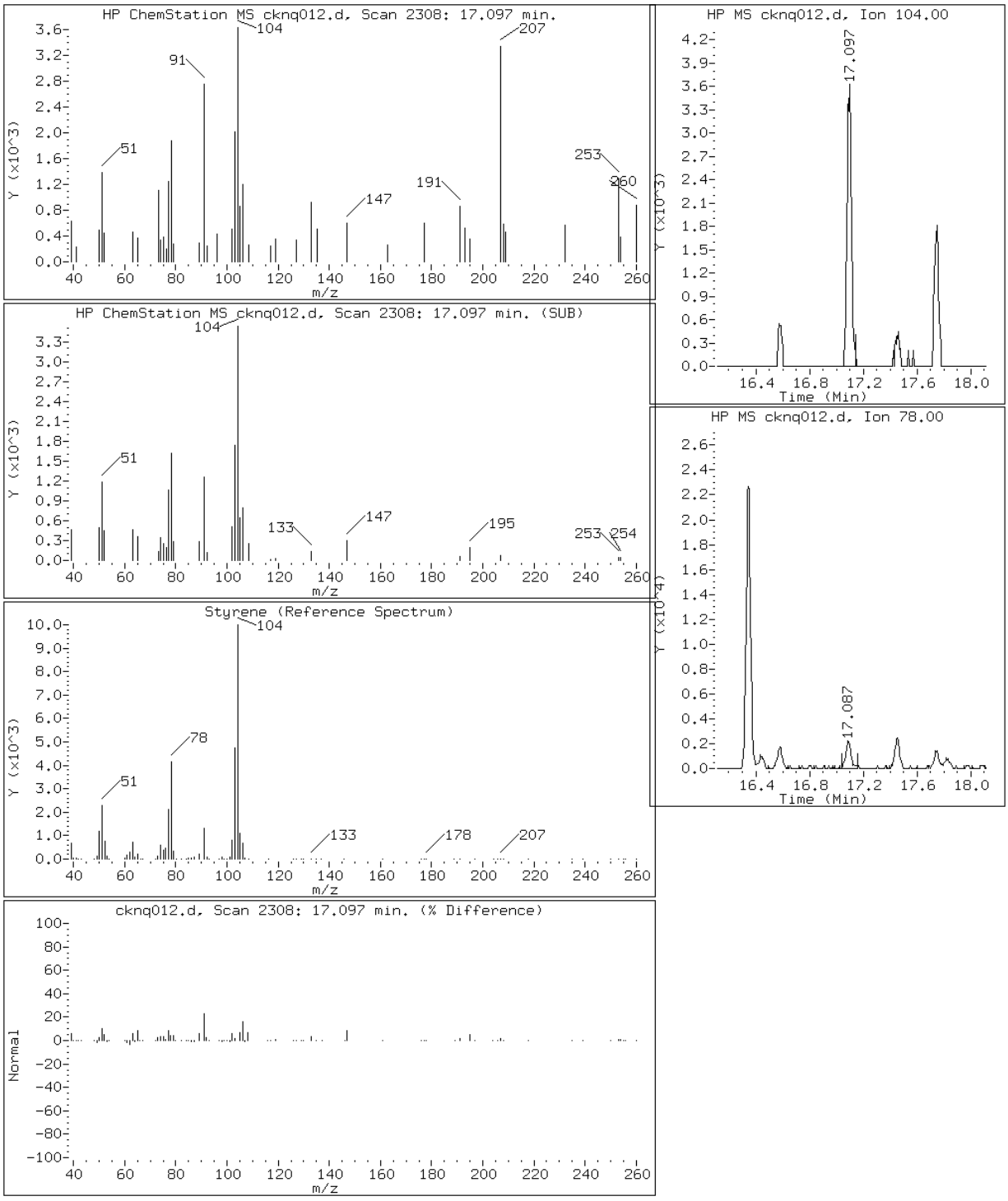
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

72 Styrene



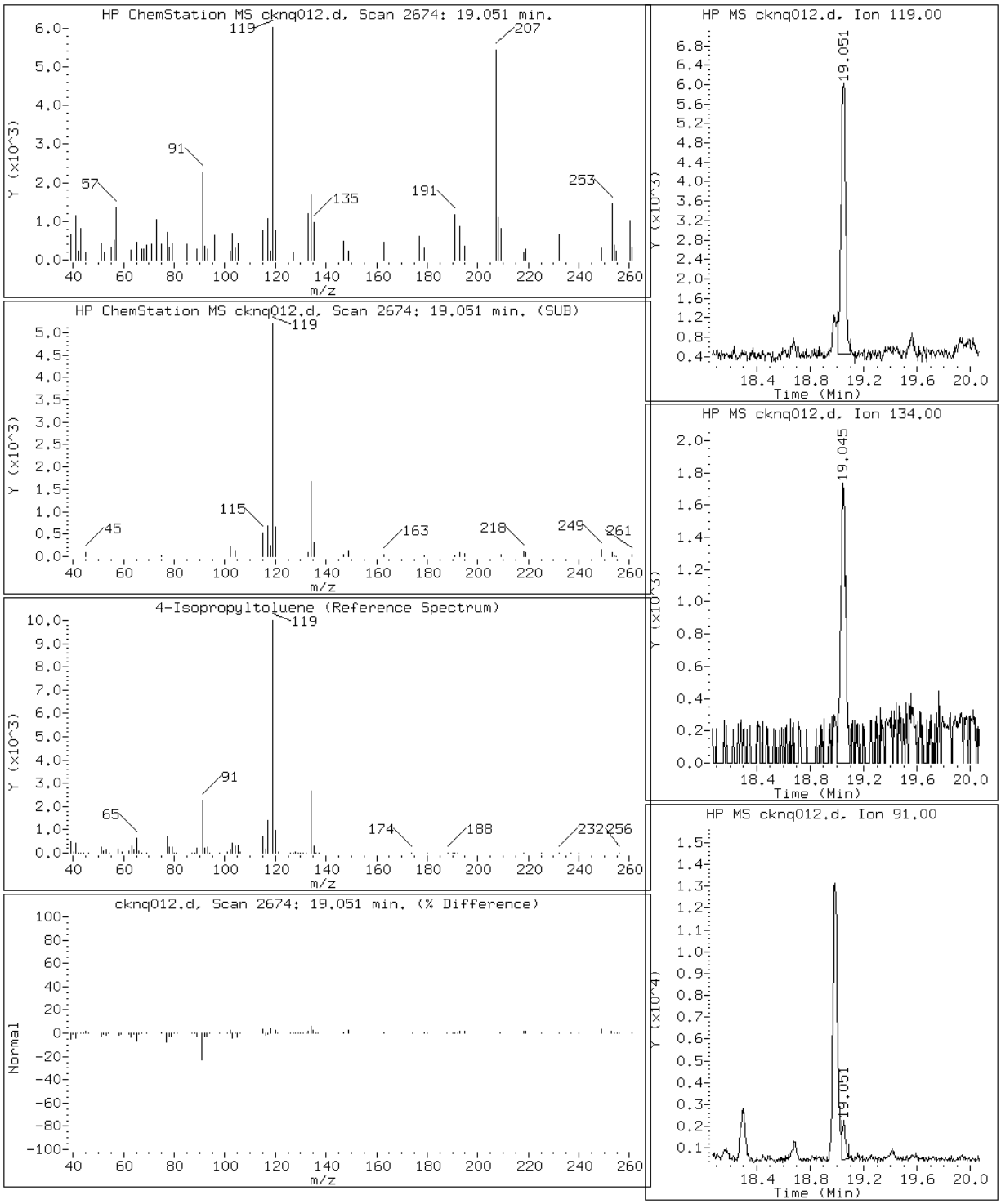
Data File: cknq012.d

Lab Sample ID: 280-25116-5 Date: 06-FEB-2012 18:27

Client ID: 774VMP0201AD Instrument: C.i

Sample Info: 280-25116-A-5 Operator: wrd

86 4-Isopropyltoluene



Manual Integration Report

Data File: cknq012.d
Lab Sample ID: 280-25116-5
Inj. Date and Time: 06-FEB-2012 18:27
Instrument ID: C.i
Client ID: 774VMP0201AD
Compound: 3 Chlorodifluoromethane
CAS #: 75-45-6
Report Date: 02/09/2012

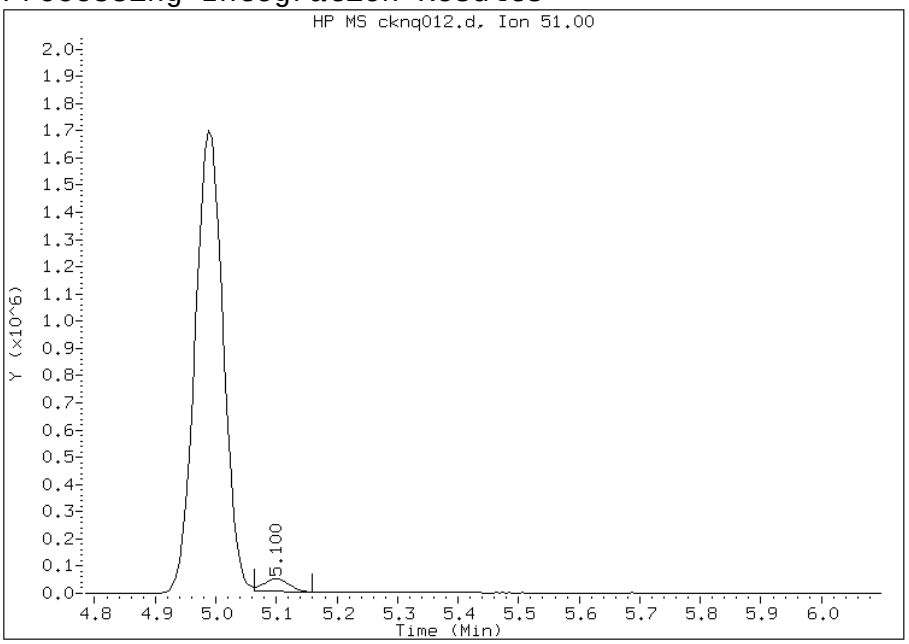
Processing Integration Results

RT: 5.10

Response: 141459

Amount: 4.10

Conc: 4.10



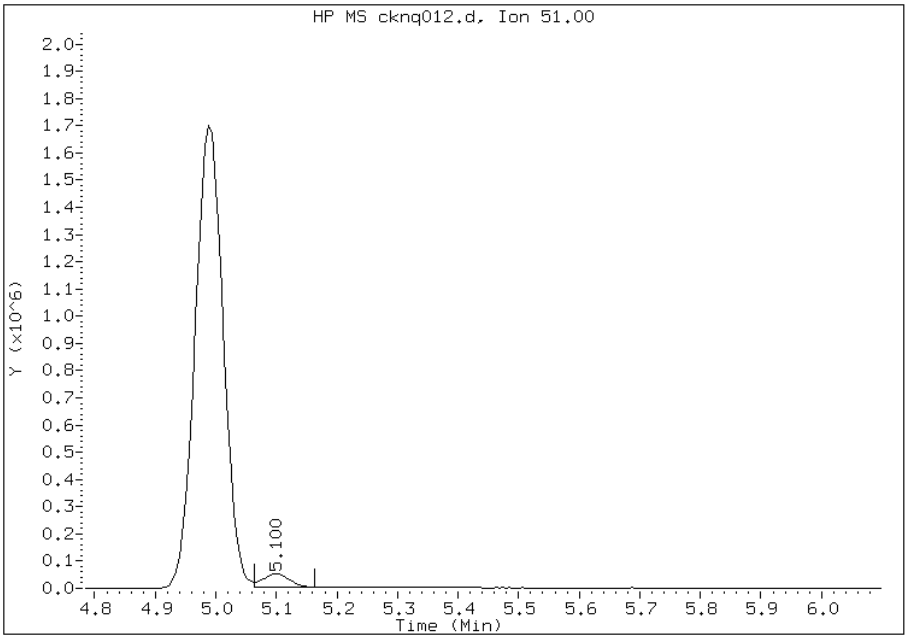
Manual Integration Results

RT: 5.10

Response: 157586

Amount: 4.57

Conc: 4.57



File Uploaded By: jd1
Manual Integration Reason: Analyte not identified by the data system

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0301AD Lab Sample ID: 280-25116-6

Matrix: Air Lab File ID: cknq013.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:00

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 19:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.59		0.50	0.038
75-45-6	Freon 22	86.47	1.8		0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.72		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.078	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	14		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	11		5.0	0.037
75-15-0	Carbon disulfide	76.14	1.9		0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.14	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.21		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.86		0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.14	J	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.28	J	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.36		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.080	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.13	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.066	J	0.20	0.031
142-82-5	n-Heptane	100.21	0.088	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0301AD Lab Sample ID: 280-25116-6

Matrix: Air Lab File ID: cknq013.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:00

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 19:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	2.5		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.20	J	0.50	0.026
108-88-3	Toluene	92.14	0.31		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.15	J	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.38	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.16	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.55		0.20	0.022
100-42-5	Styrene	104.15	0.061	J	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.12	J	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.053	J	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0301AD Lab Sample ID: 280-25116-6

Matrix: Air Lab File ID: cknq013.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:00

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 19:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.097	J	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0301AD Lab Sample ID: 280-25116-6

Matrix: Air Lab File ID: cknq013.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:00

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 19:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.9		2.5	0.19
75-45-6	Freon 22	86.47	6.3		1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	1.7		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.60	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	34		12	0.11
67-63-0	Isopropyl alcohol	60.10	28		12	0.091
75-15-0	Carbon disulfide	76.14	6.0		1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.50	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.72		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	2.6		1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.68	J	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.81	J	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	1.2		0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.51	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.40	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.27	J	0.81	0.13
142-82-5	n-Heptane	100.21	0.36	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0301AD Lab Sample ID: 280-25116-6

Matrix: Air Lab File ID: cknq013.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:00

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 19:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	13		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.83	J	2.0	0.11
108-88-3	Toluene	92.14	1.2		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.64	J	0.87	0.096
179601-23-1	m,p-Xylene	106.17	1.7	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.70	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	2.4		0.87	0.096
100-42-5	Styrene	104.15	0.26	J	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.61	J	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.29	J	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776VMP0301AD Lab Sample ID: 280-25116-6

Matrix: Air Lab File ID: cknq013.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:00

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 19:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	0.51	J	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-6
Client Smp ID: 774VMP0301AD
Inj Date : 06-FEB-2012 19:17
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-6
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.052	5.057	(0.455)	36605	0.58778	0.59
3 Chlorodifluoromethane	51	5.095	5.100	(0.459)	59990	1.79516	1.8
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	5.714	5.730	(0.515)	26882	0.71506	0.72(Q)
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	7.139	7.149	(0.643)	16227	0.25724	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.998	8.014	(0.720)	3417	0.07770	0.078(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.195	8.211	(0.738)	453411	14.4025	14

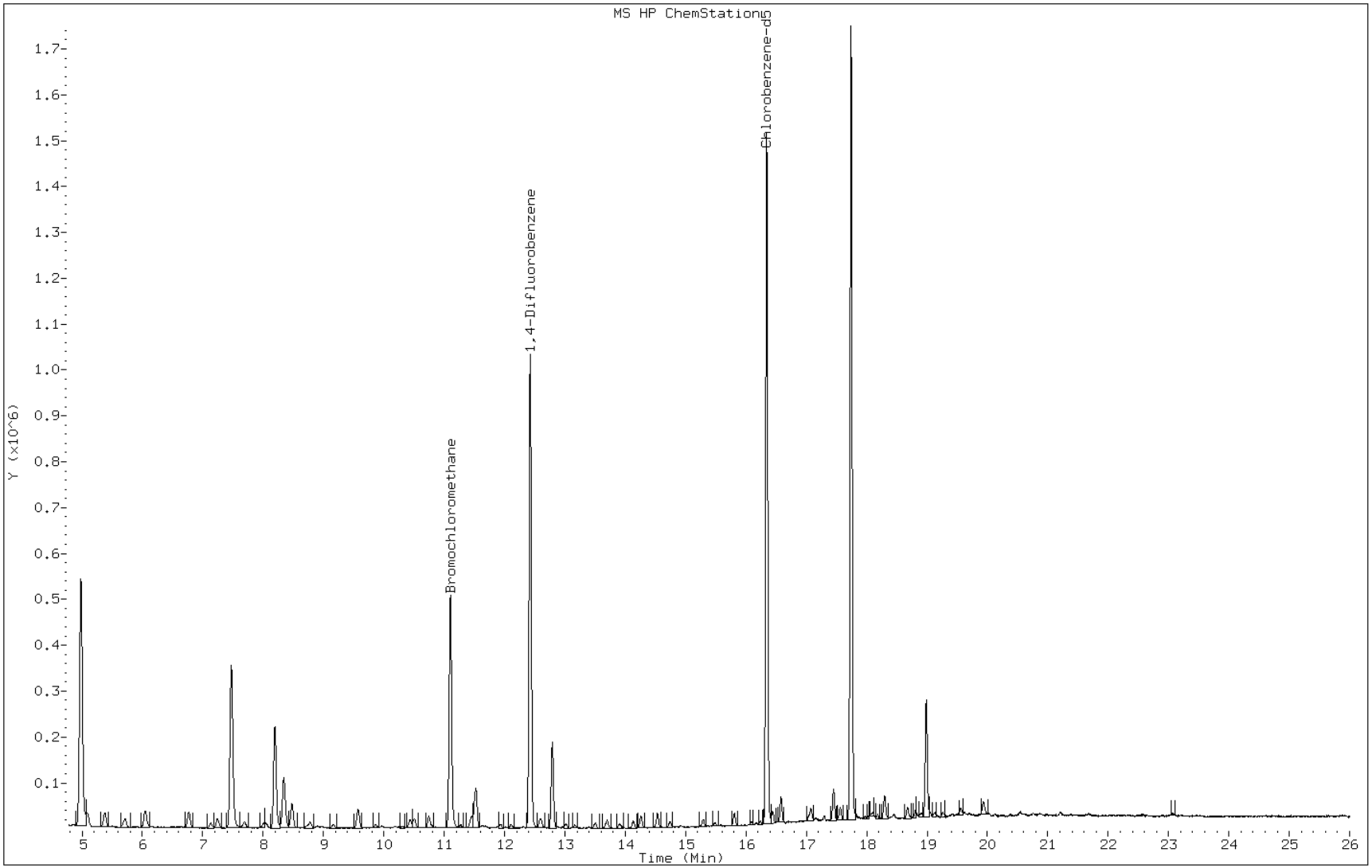
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	21 Carbon disulfide	76	8.478	8.494	(0.764)	120511	1.92841	1.9
	22 Isopropanol	45	8.345	8.350	(0.752)	243537	11.2726	11
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.889	8.910	(0.801)	3387	0.14315	0.14(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	9.562	9.572	(0.861)	7883	0.20519	0.21
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.752	10.762	(0.968)	9978	0.86486	0.86(Q)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	193037	10.0000	
	38 Tetrahydrofuran	42	11.147	11.152	(0.897)	6995	0.27620	0.28(a)
	39 Chloroform	83	11.152	11.173	(1.004)	7051	0.13944	0.14(a)
	40 Cyclohexane	84	11.456	11.477	(0.922)	13547	0.36099	0.36
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.622	11.648	(0.936)	4780	0.08029	0.080(a)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	11.931	11.958	(0.960)	10212	0.12545	0.13(a)
	45 1,2-Dichloroethane	62	12.001	12.032	(0.966)	2310	0.06592	0.066(aQ)
	46 n-Heptane	43	12.102	12.129	(0.974)	4190	0.08846	0.088(a)
*	47 1,4-Difluorobenzene	114	12.422	12.443	(1.000)	1142236	10.0000	
	49 Trichloroethene	95	12.796	12.812	(1.030)	89536	2.45523	2.5
	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	14.263	14.269	(1.148)	9965	0.20366	0.20(a)
	58 Toluene	92	14.536	14.557	(0.889)	18821	0.30747	0.31
	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	16.345	16.366	(1.000)	1102528	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.441	16.462	(1.006)	19887	0.14676	0.15(a)
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	20457	0.38406	0.38(a)
M	70 Xylenes, Total	106				28653	0.54537	0.55
	71 Xylene (o)	106	17.076	17.092	(1.045)	8196	0.16131	0.16(a)
	72 Styrene	104	17.097	17.113	(1.046)	4807	0.06081	0.061(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	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	18.677	18.693	(1.143)	15596	0.12428	0.12(a)
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	19.045	19.066	(1.165)	7990	0.05321	0.053(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	23.085	23.107	(1.412)	9341	0.09667	0.097(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:	cknq013.d	Date:	06-FEB-2012 19:17
Client ID:	774VMP0301AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-6		
Lab Sample ID:	280-25116-6		



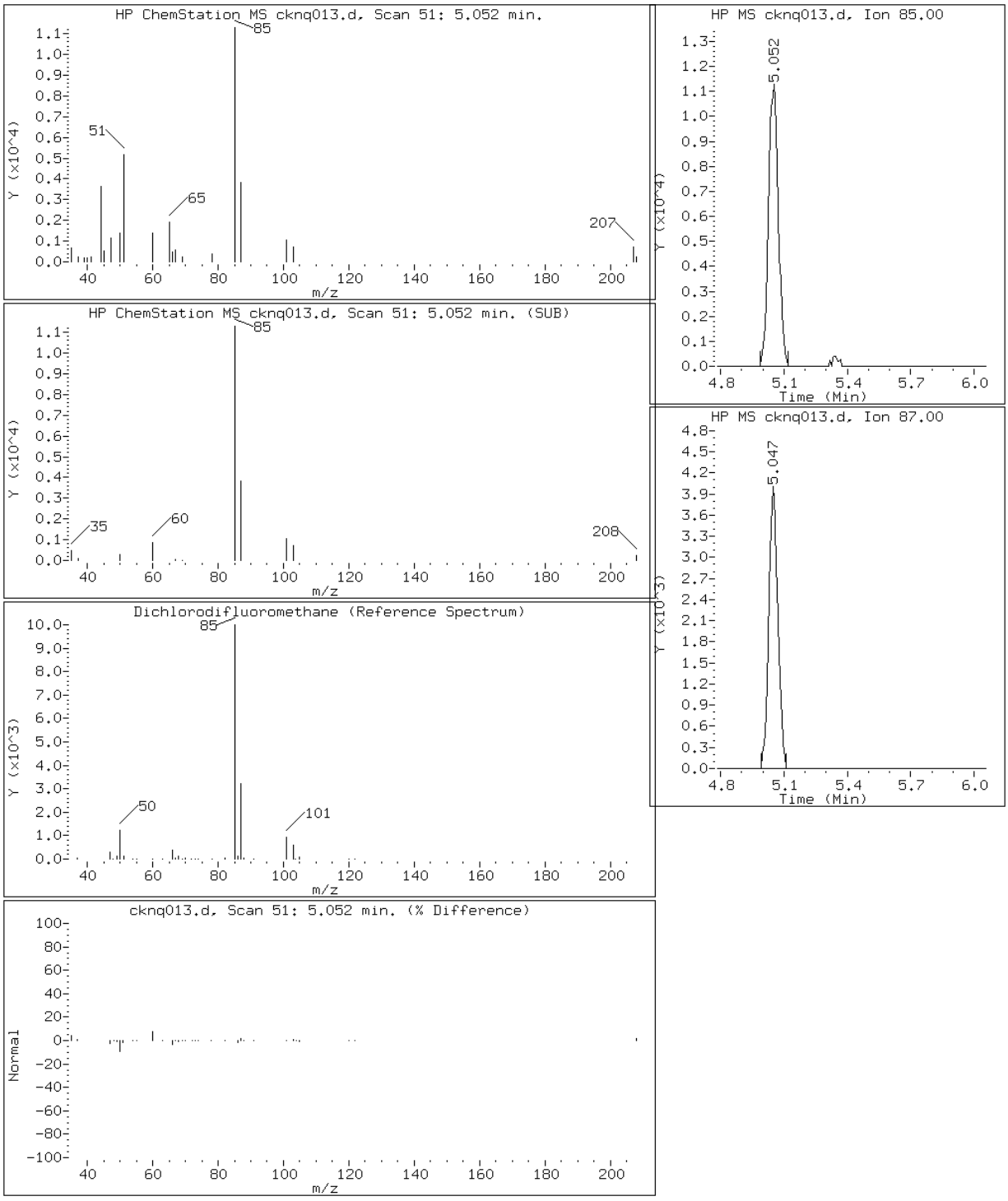
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

2 Dichlorodifluoromethane



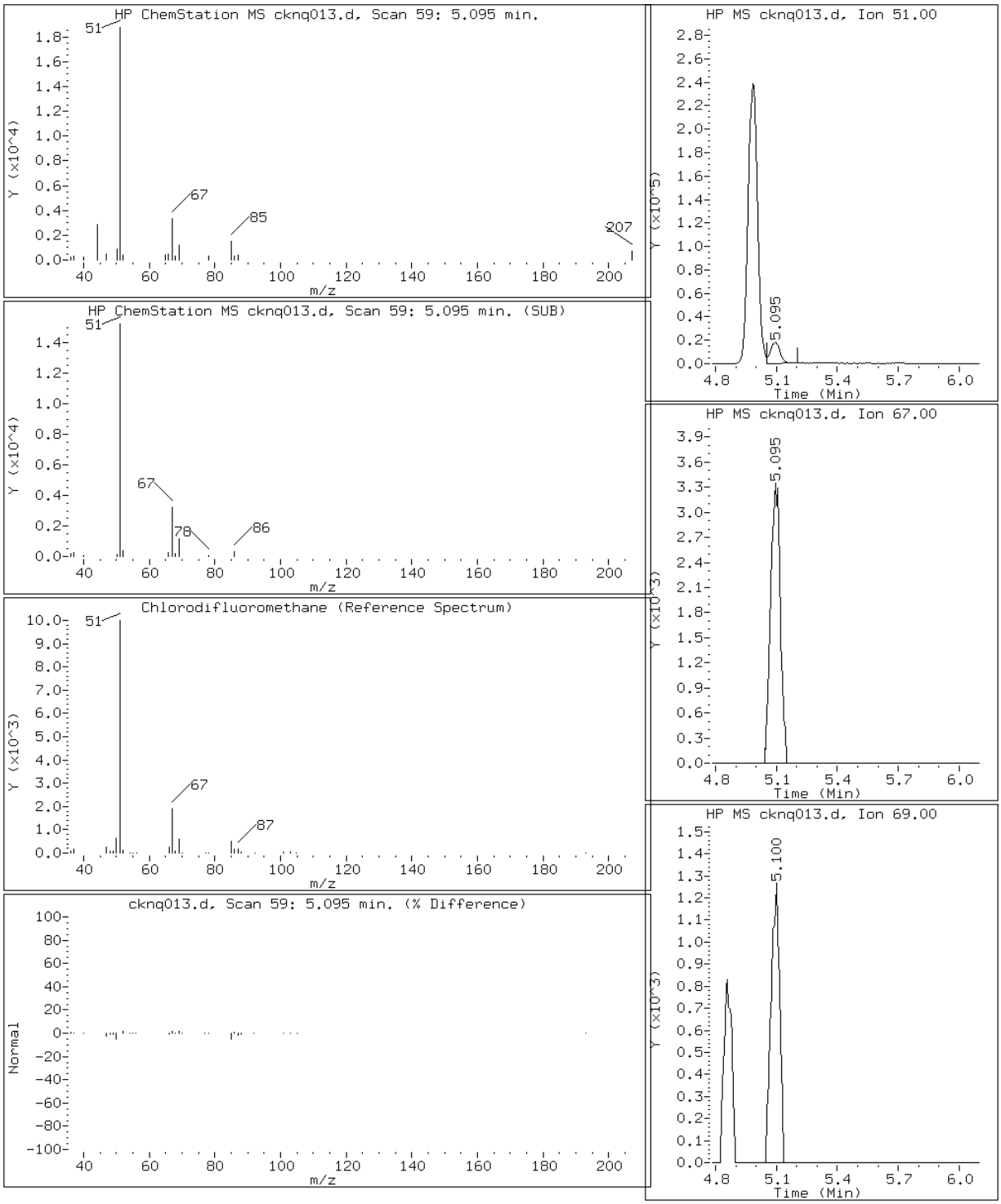
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

3 Chlorodifluoromethane



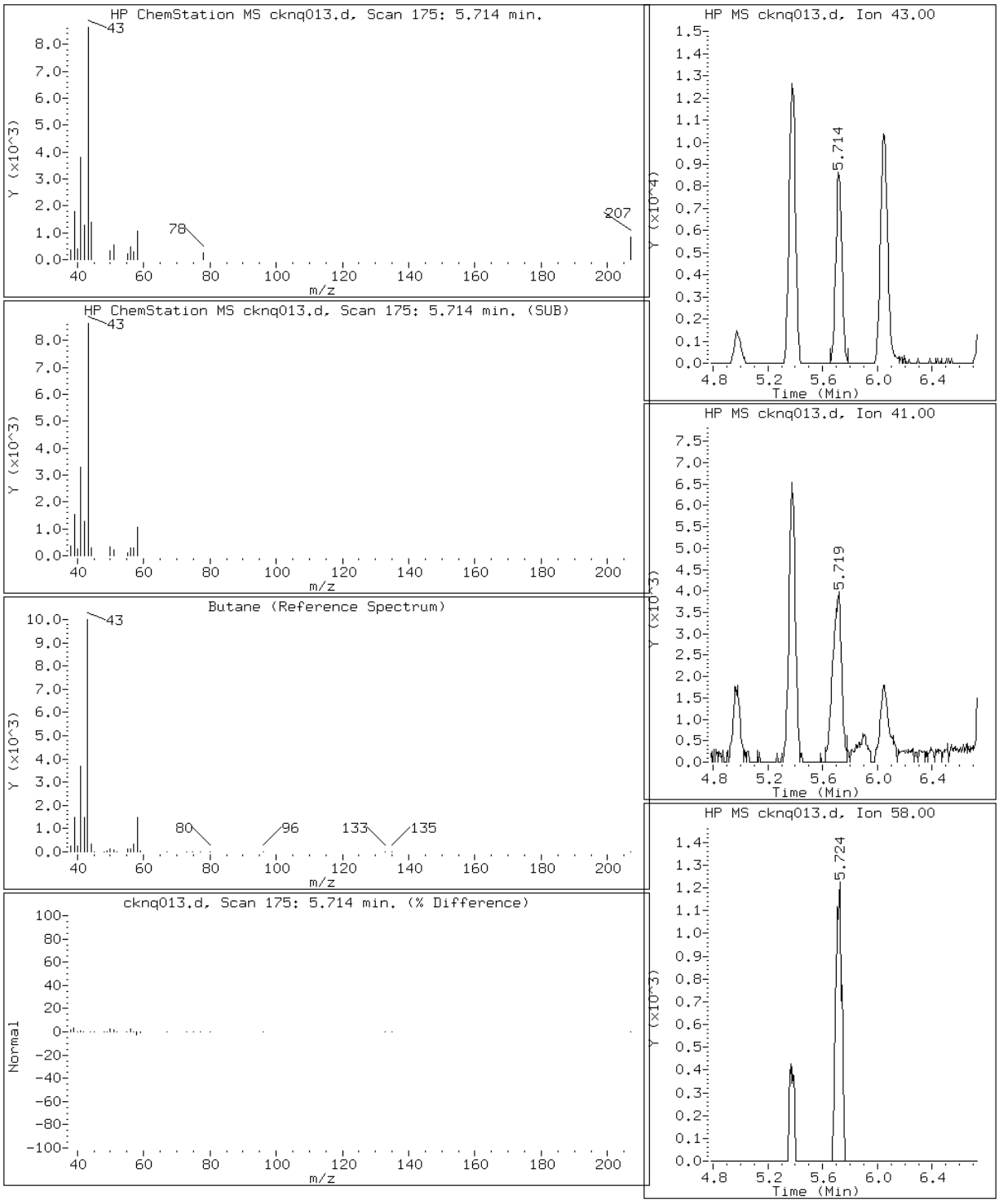
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

6 Butane



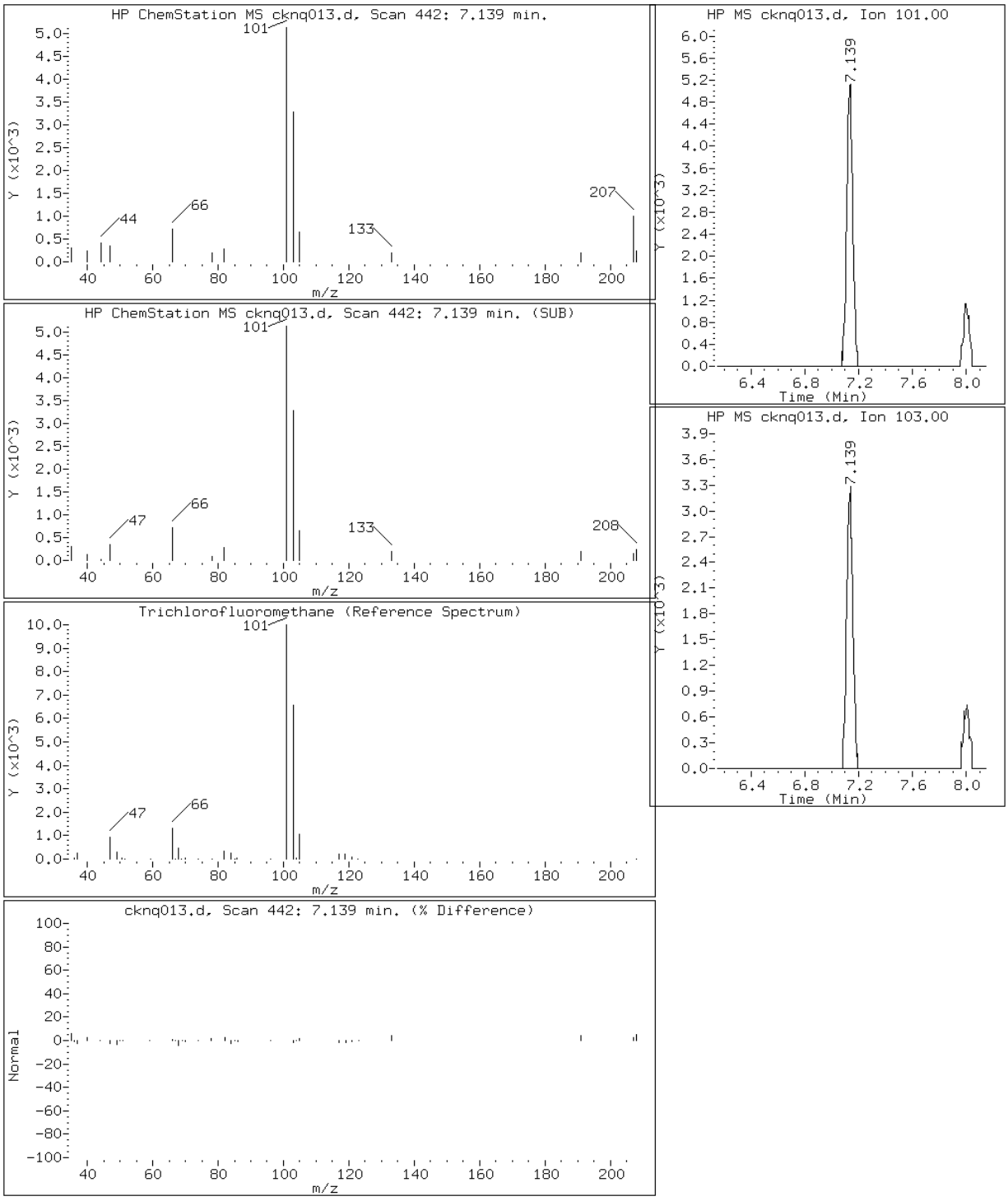
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

13 Trichlorofluoromethane



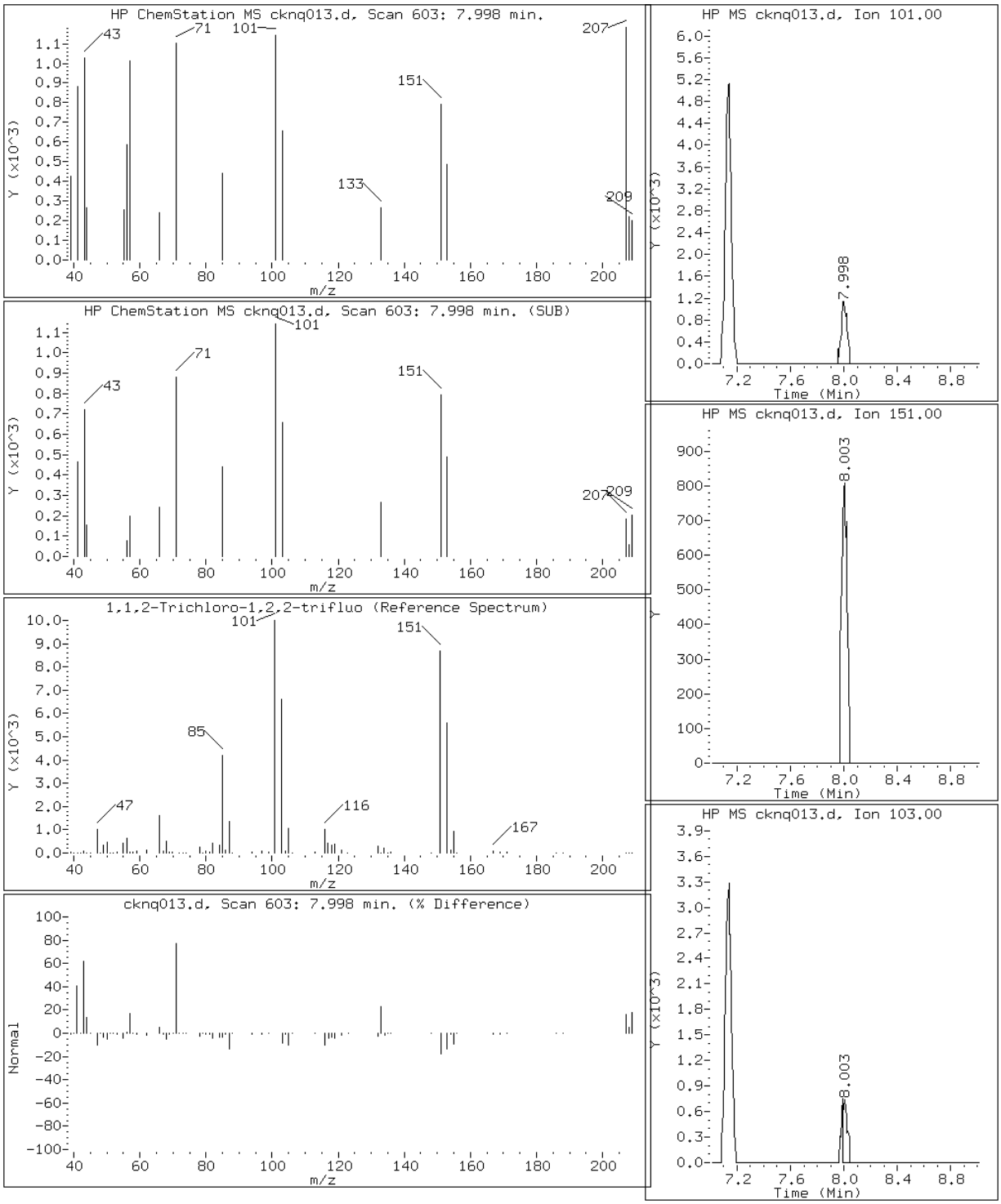
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

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



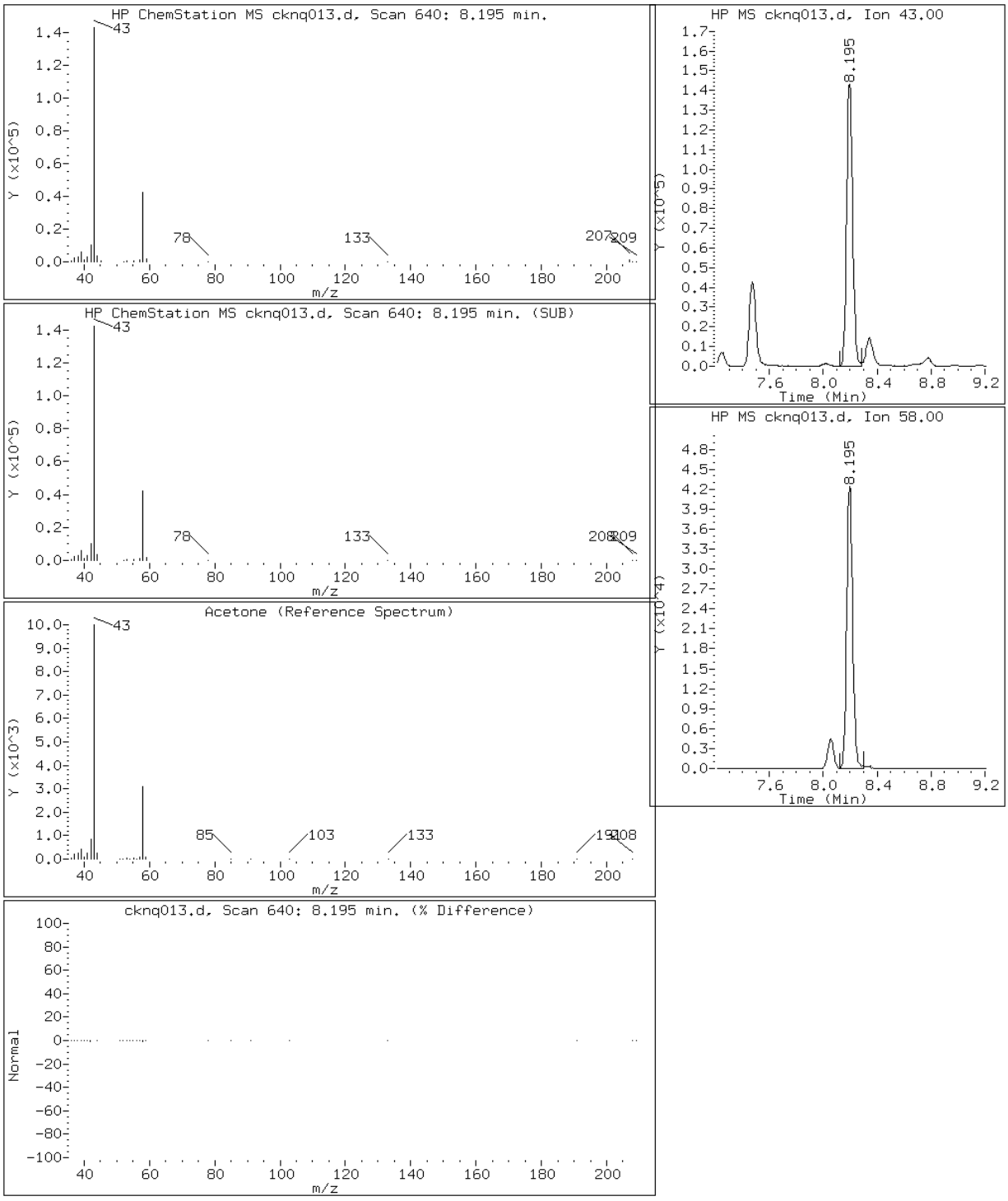
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

20 Acetone



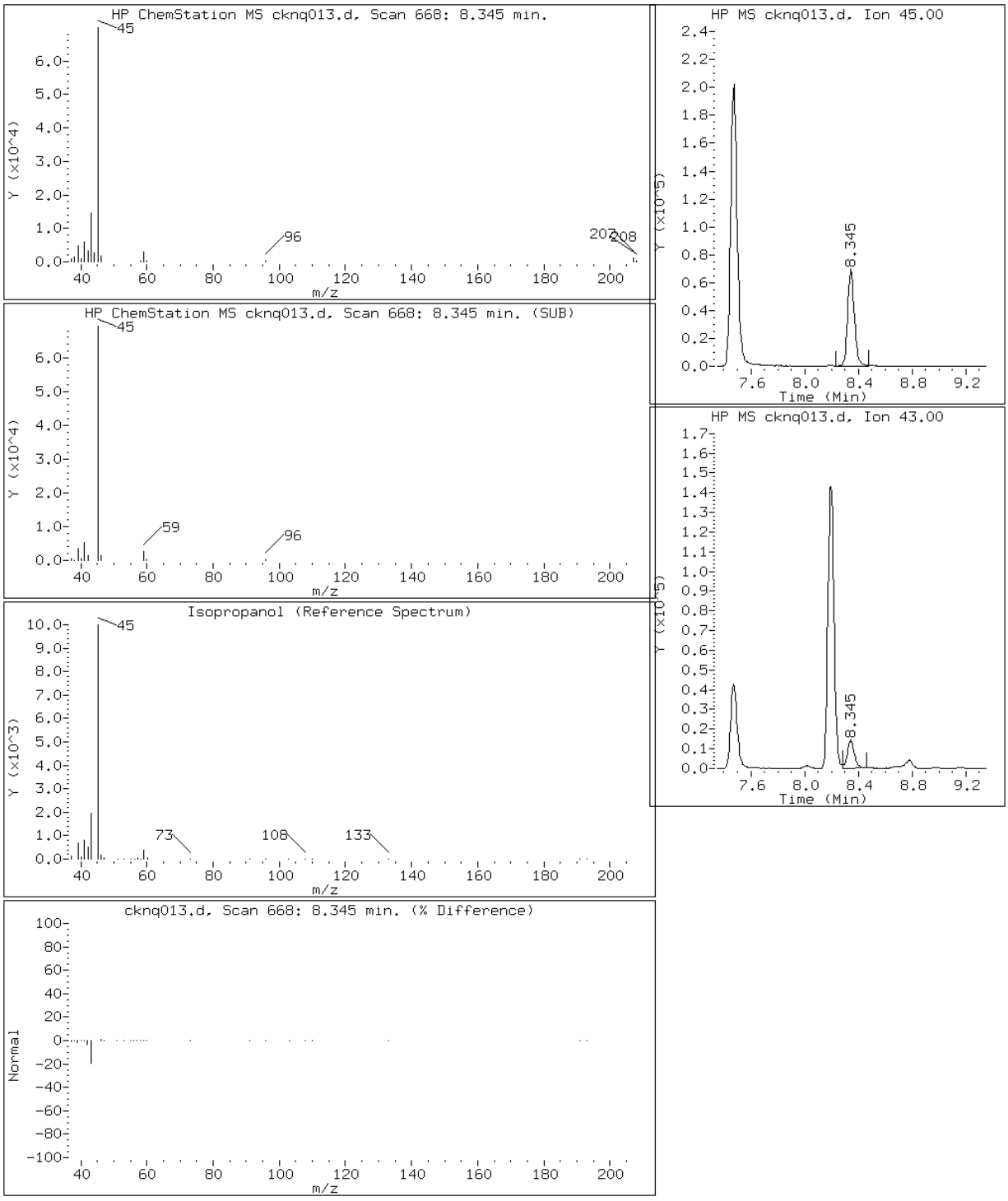
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

22 Isopropanol



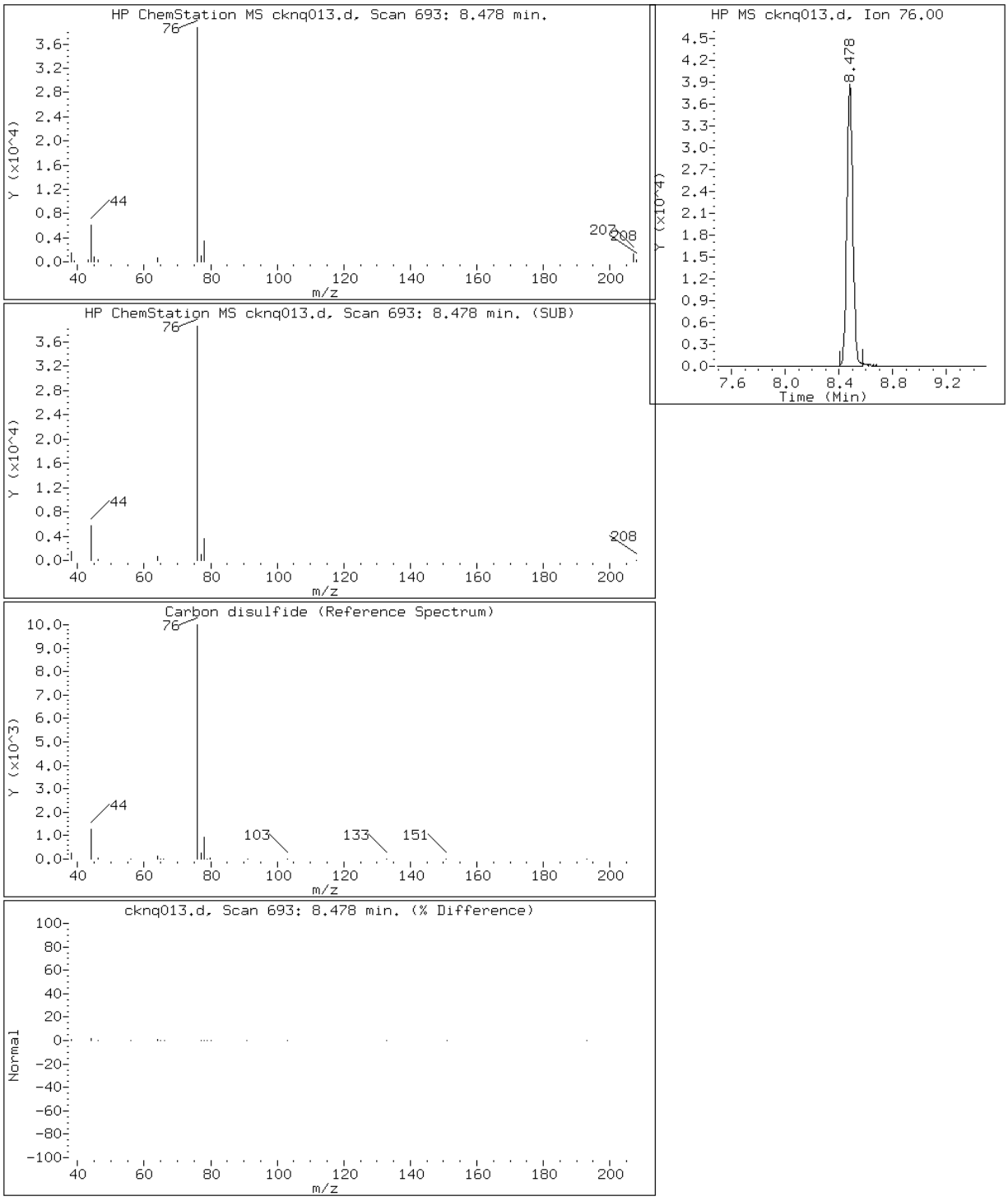
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

21 Carbon disulfide



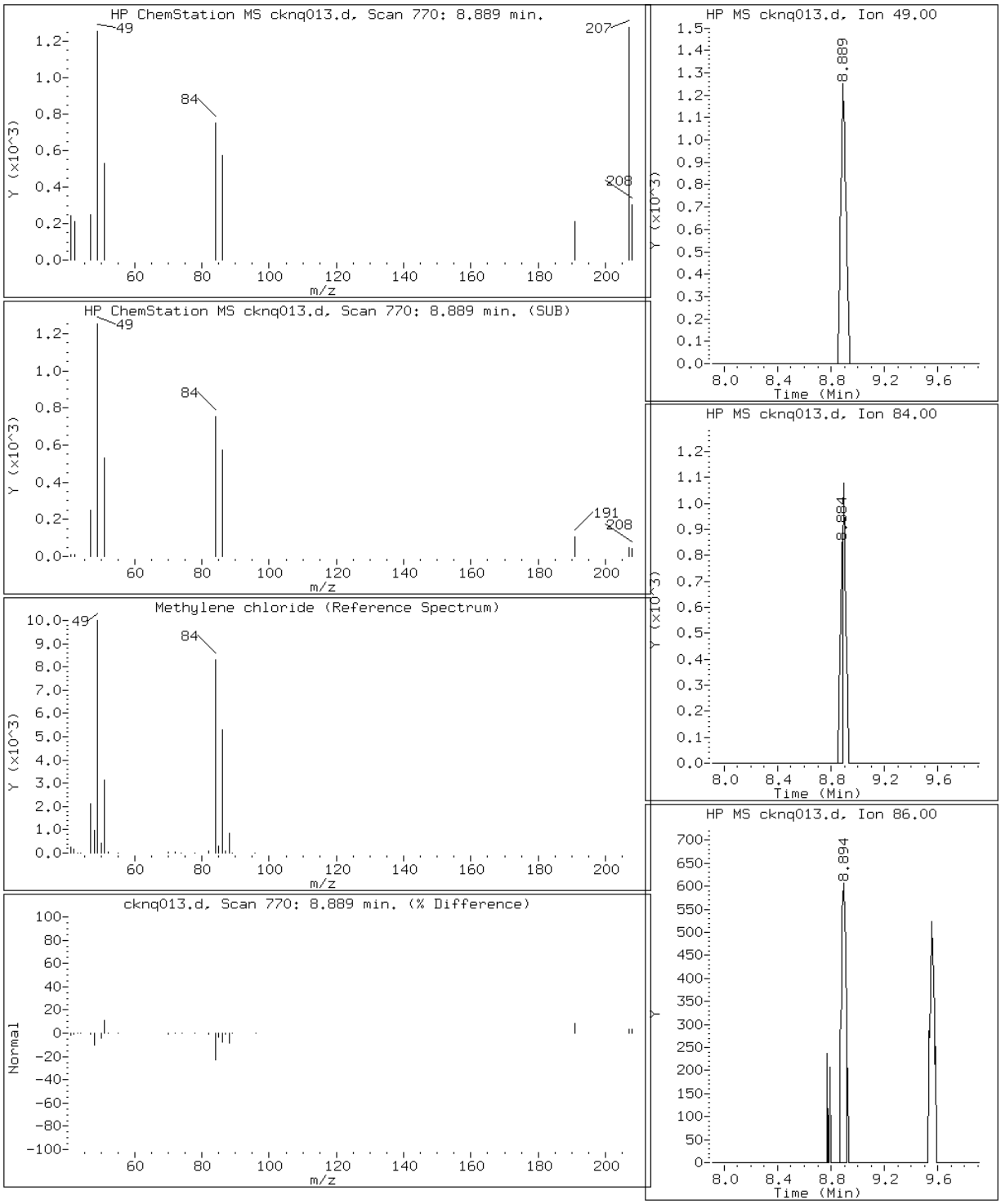
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

25 Methylene chloride



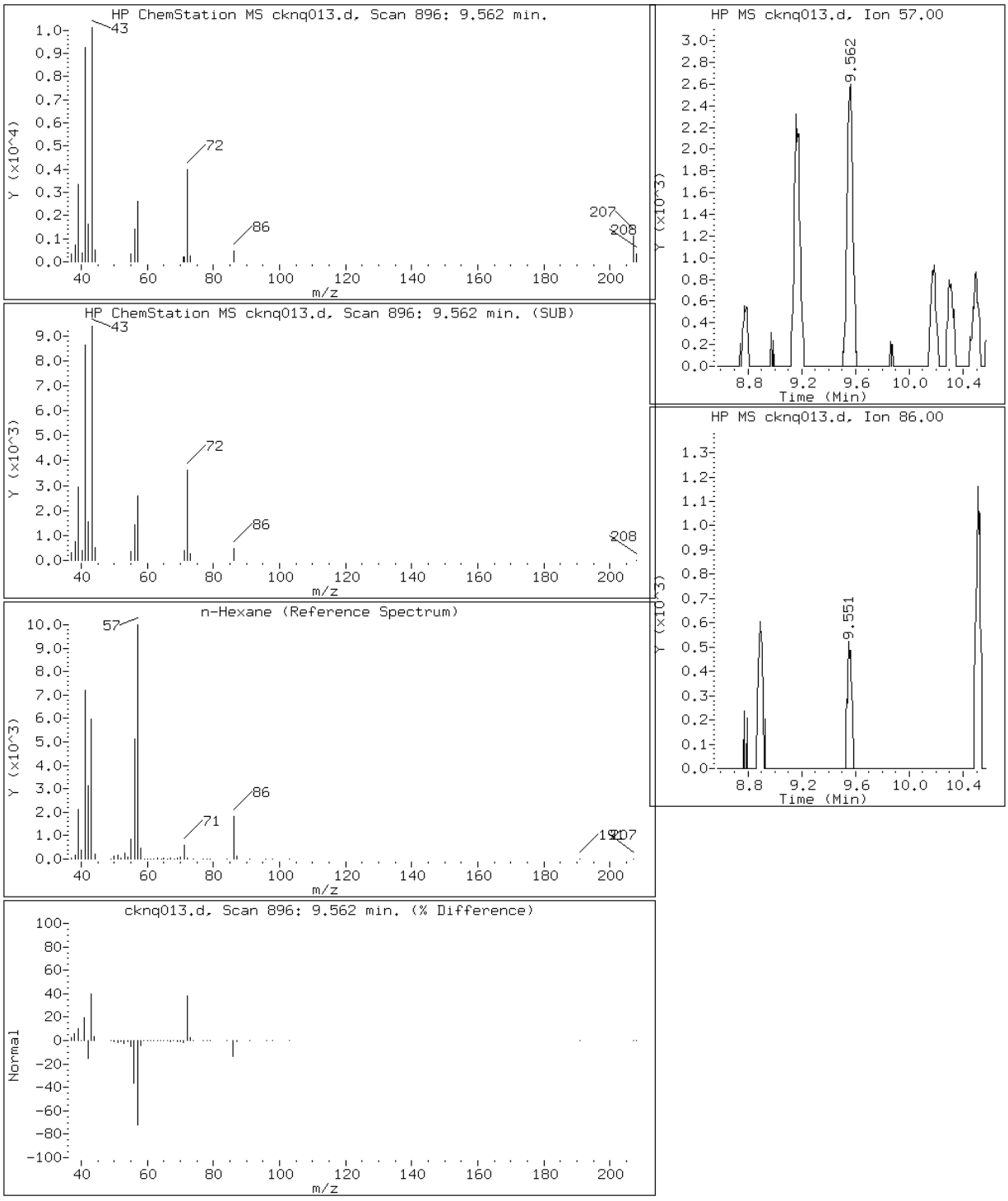
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

30 n-Hexane



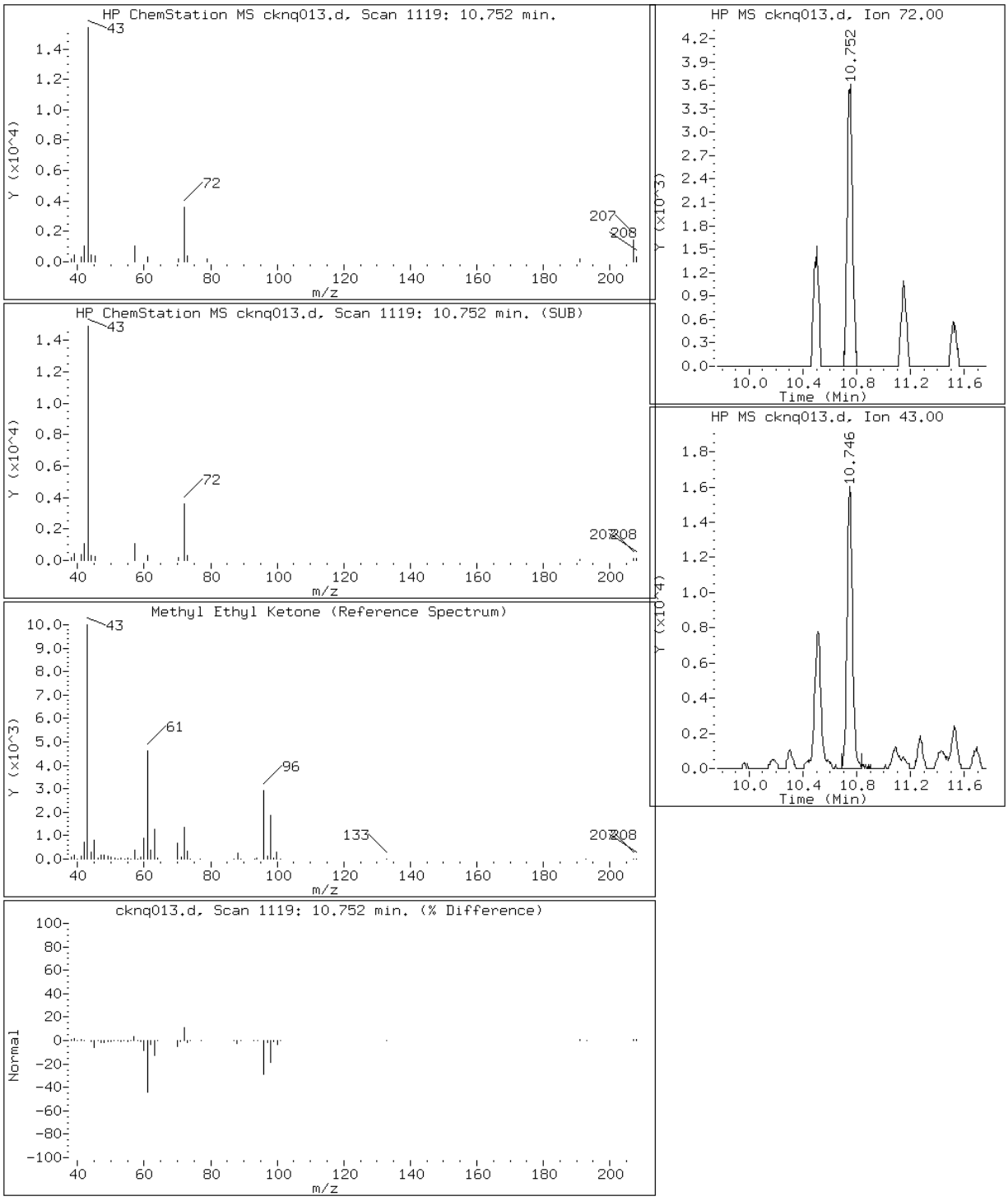
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

36 Methyl Ethyl Ketone



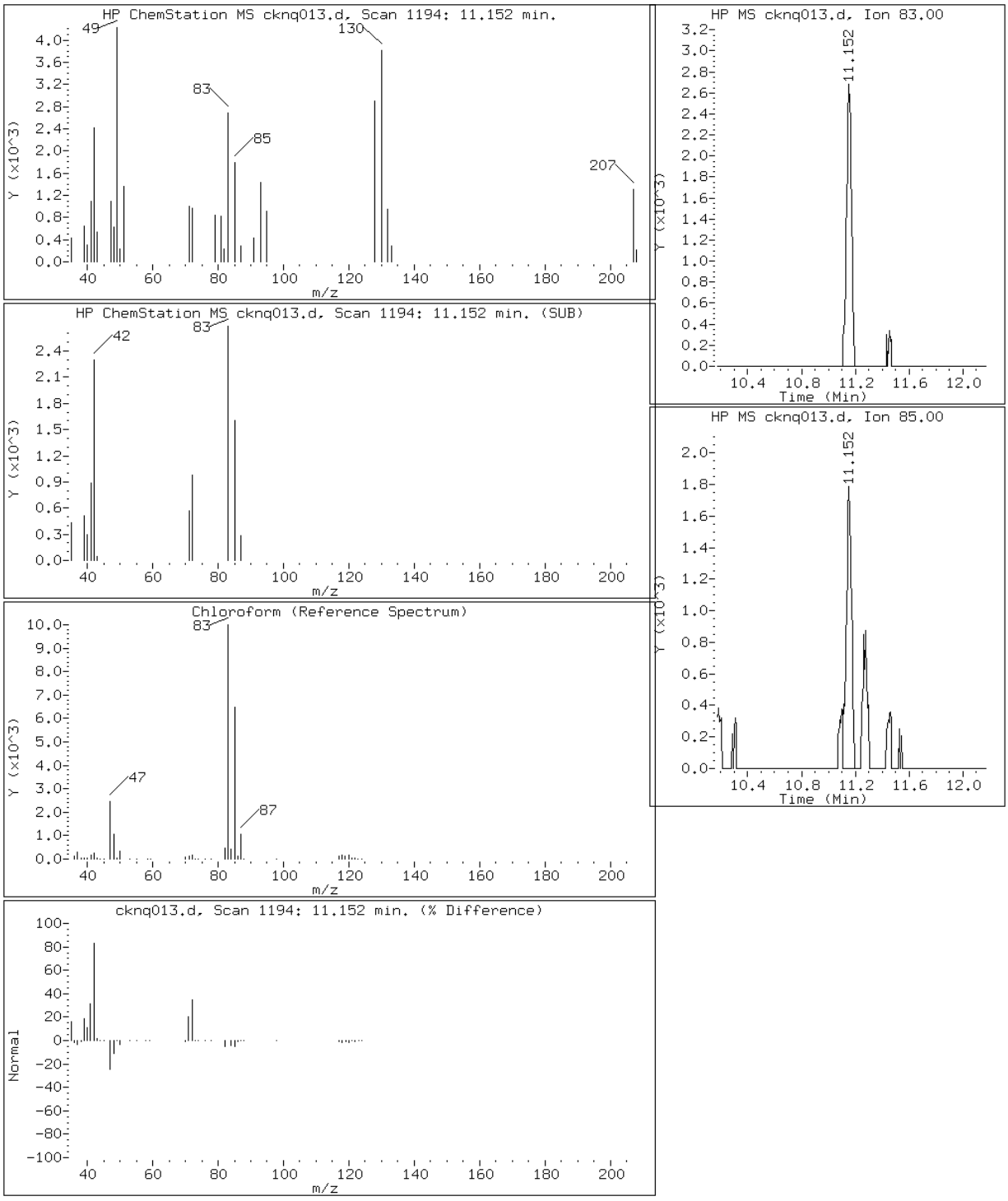
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

39 Chloroform



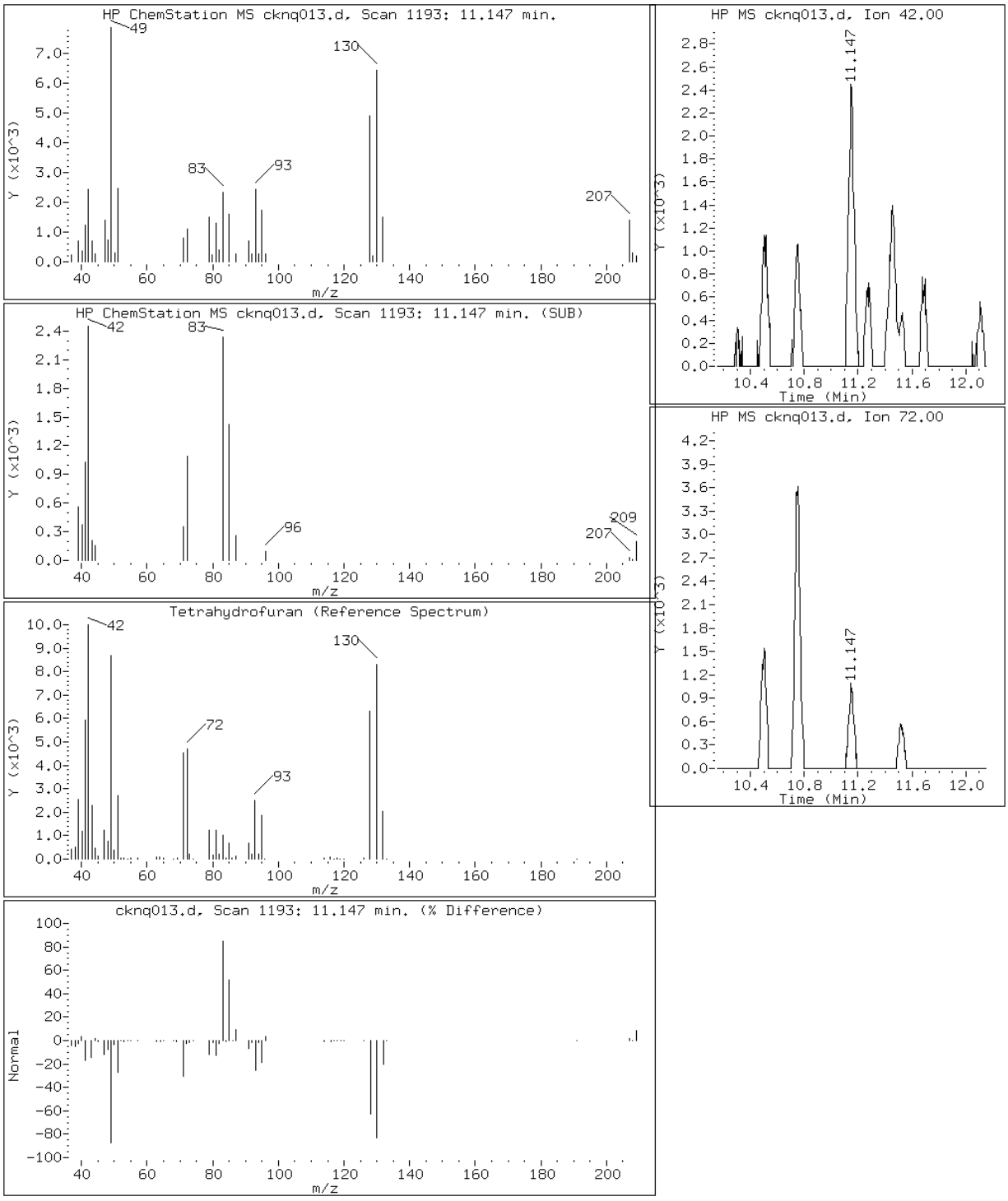
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

38 Tetrahydrofuran



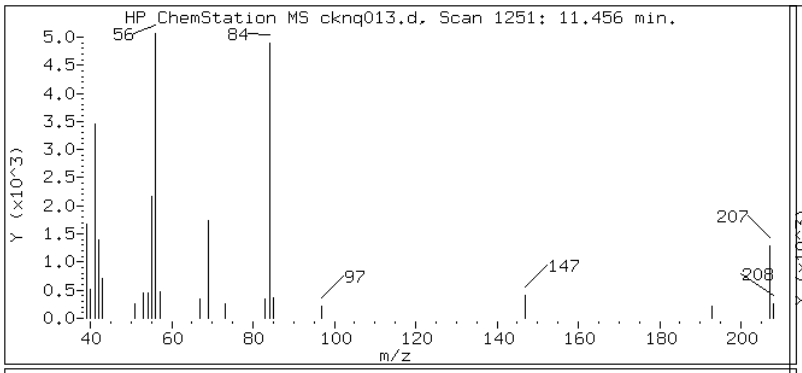
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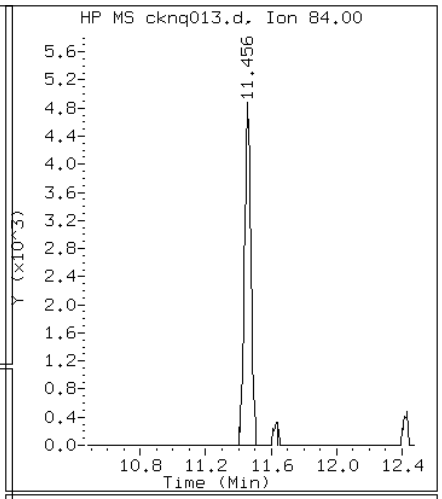
Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

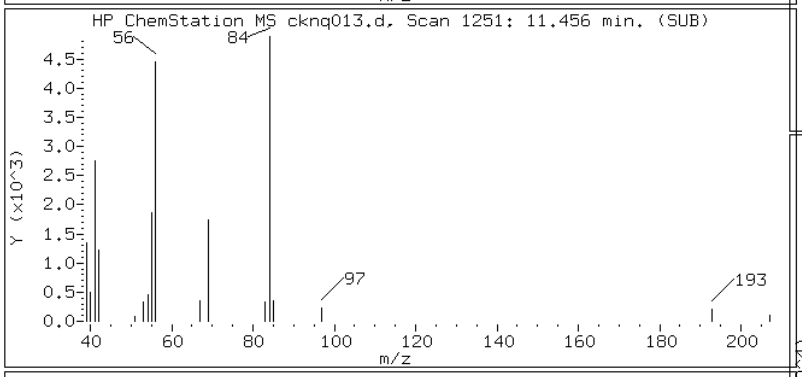
Client ID: 774VMP0301AD Instrument: C.i

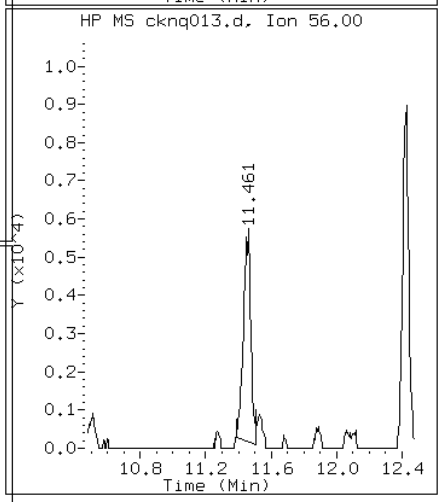
Sample Info: 280-25116-A-6 Operator: wrd

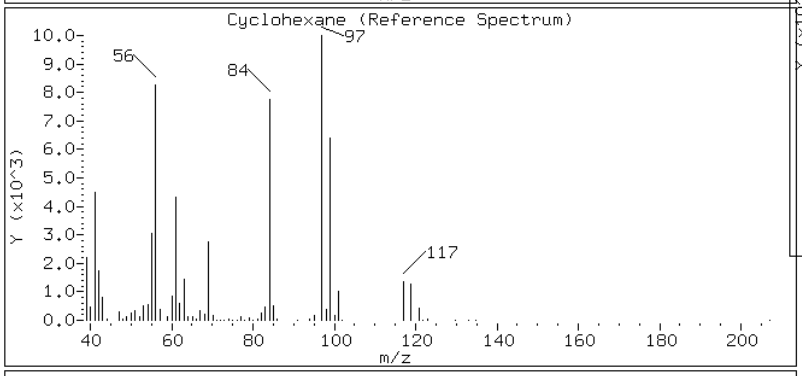
40 Cyclohexane

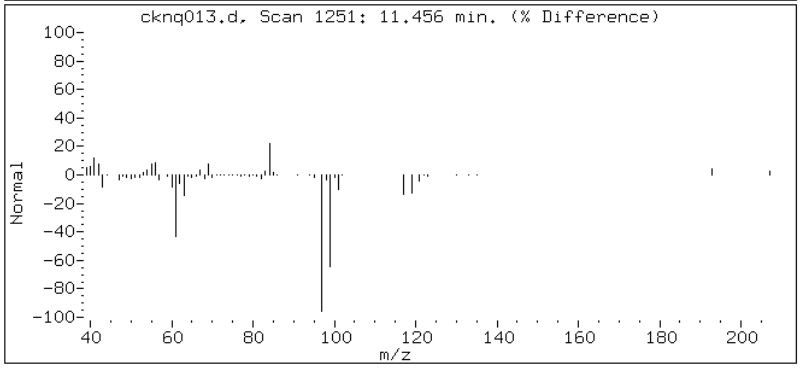












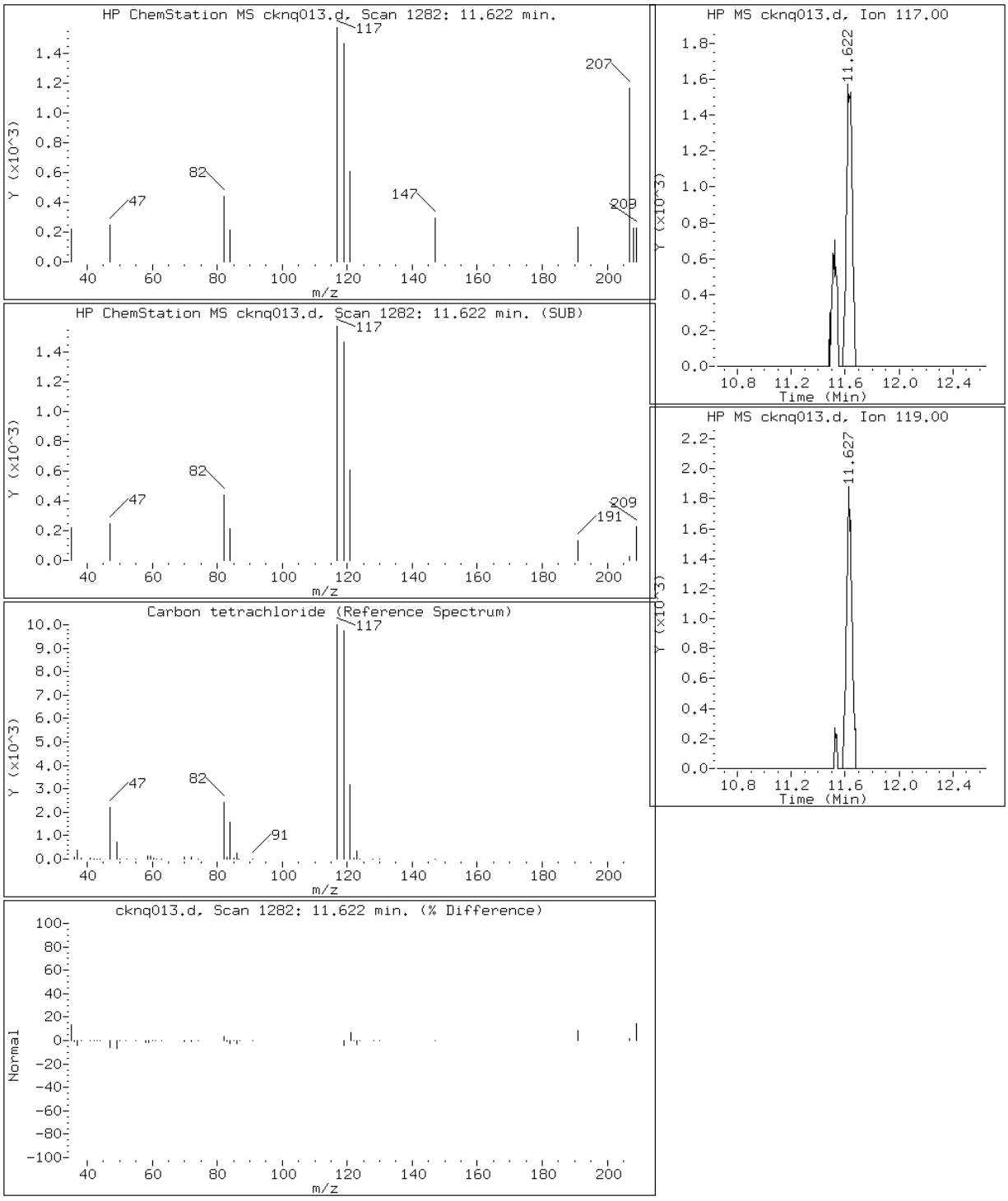
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

42 Carbon tetrachloride



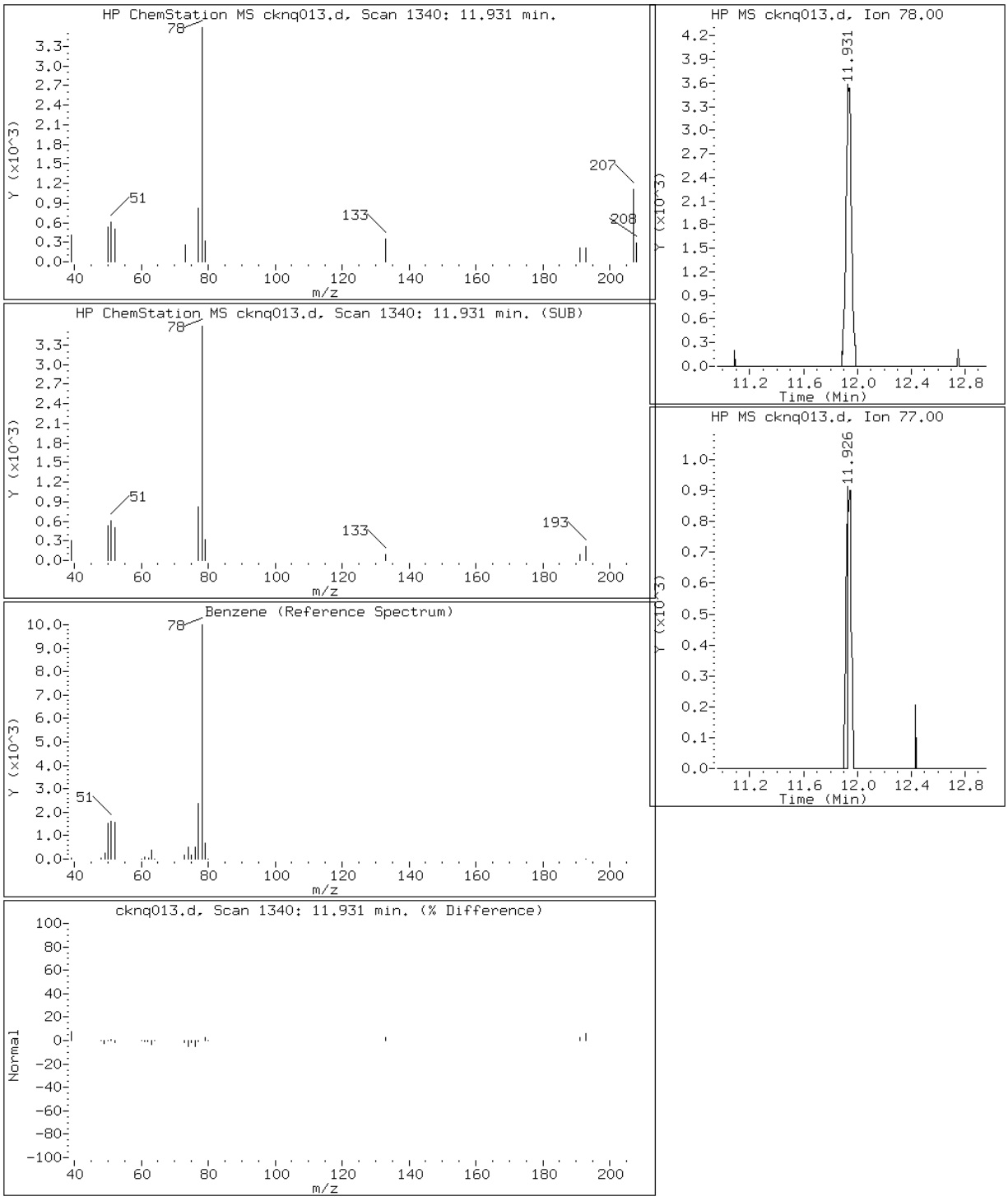
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

44 Benzene



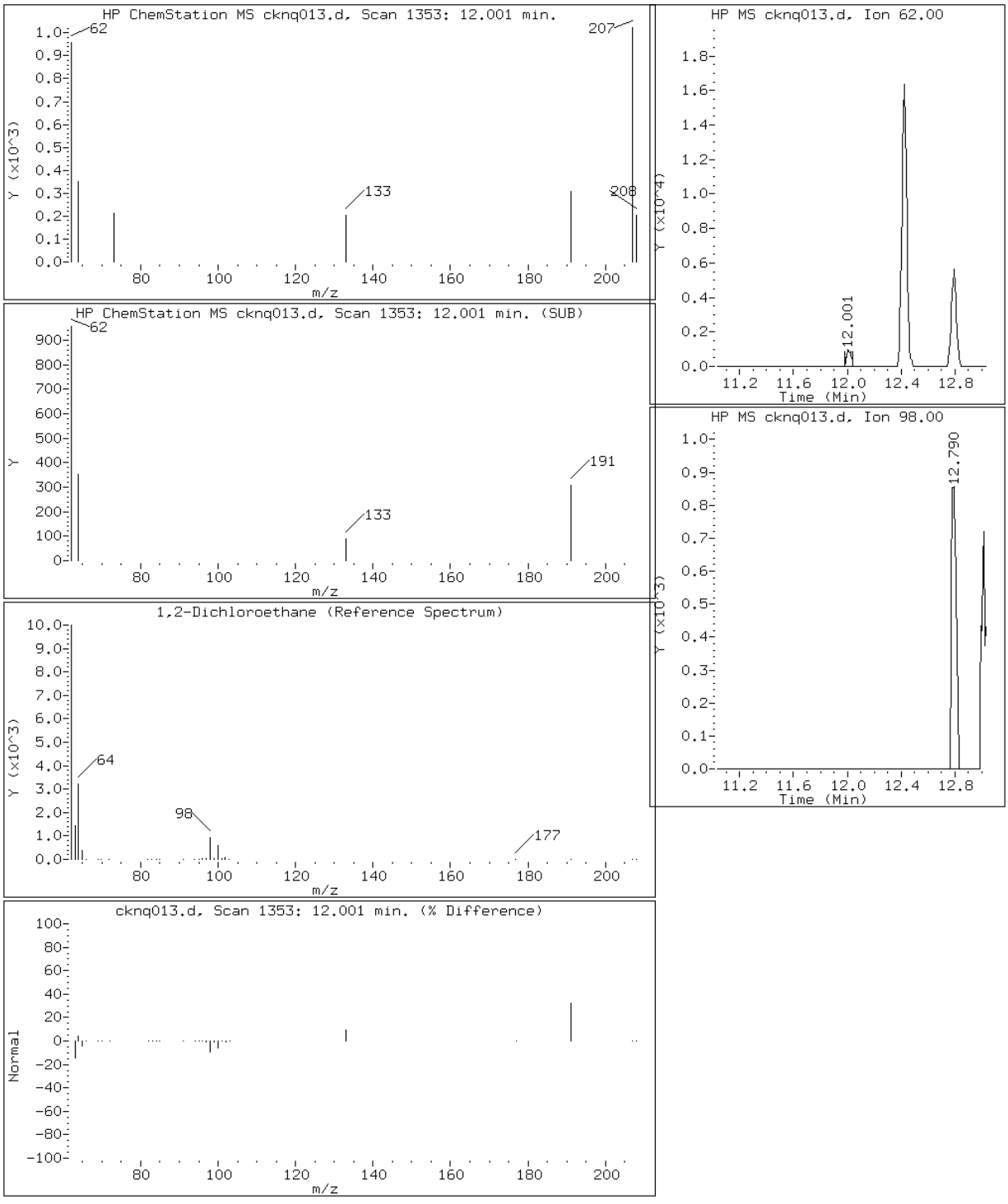
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

45 1,2-Dichloroethane



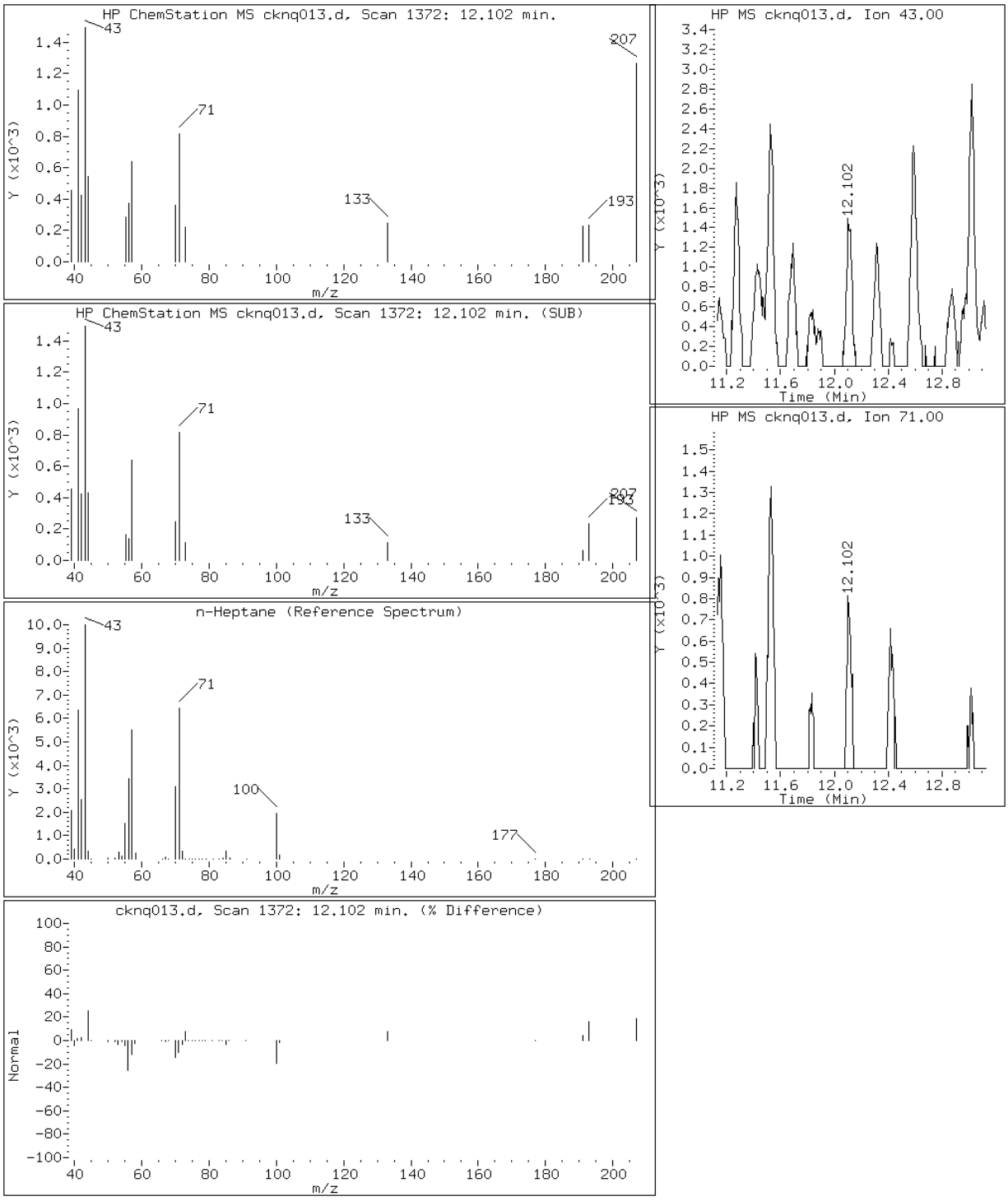
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

46 n-Heptane



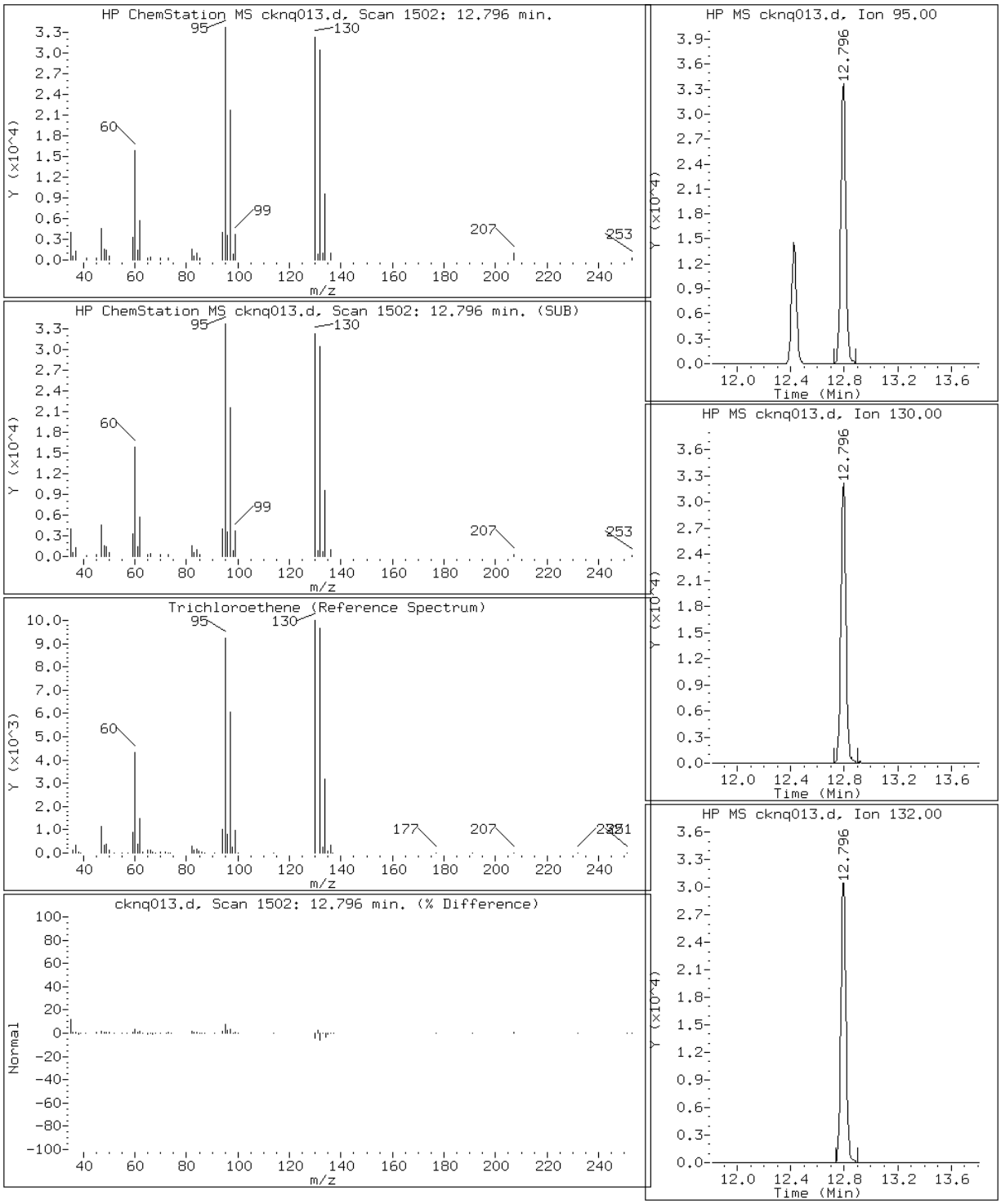
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

49 Trichloroethene



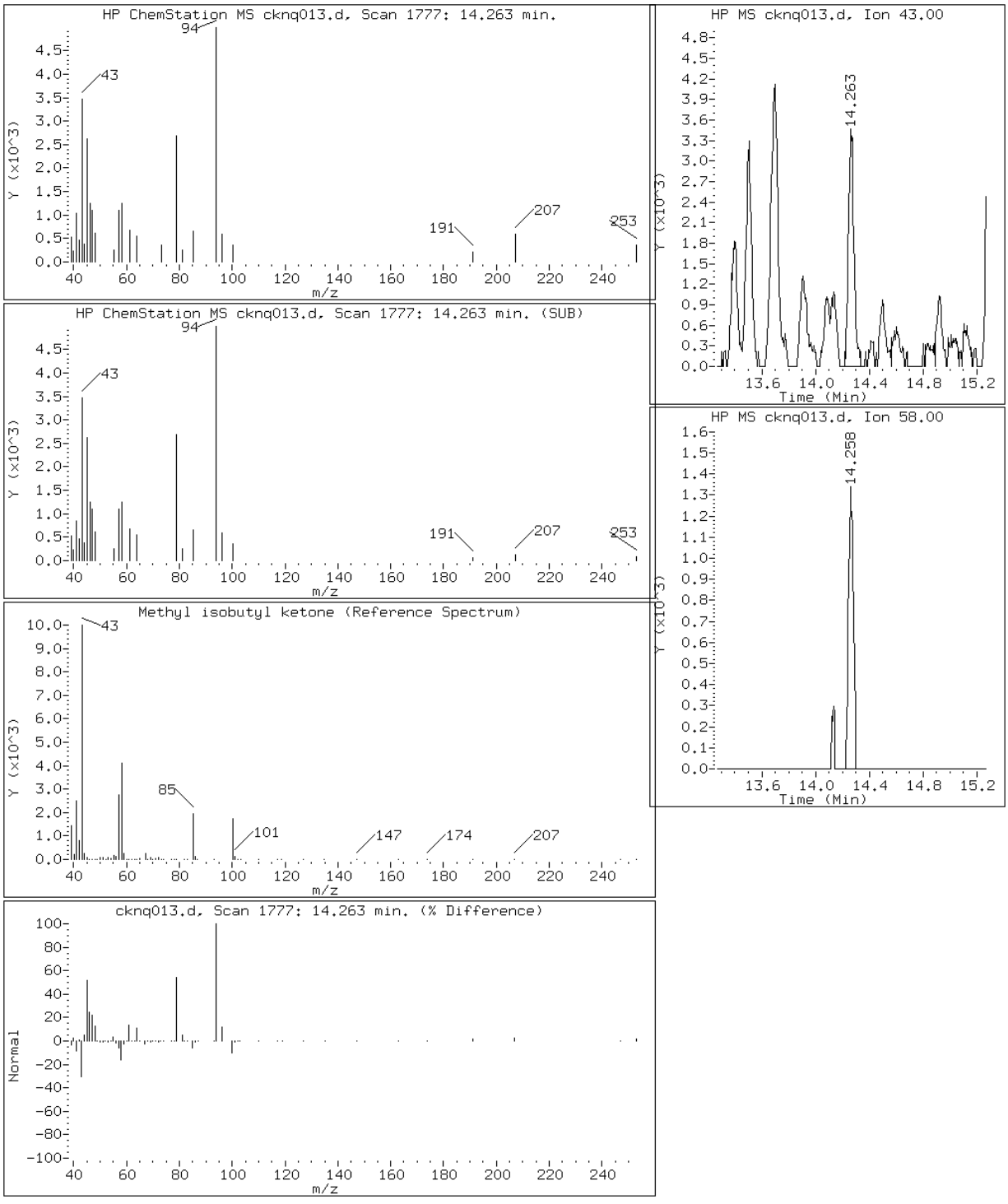
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

56 Methyl isobutyl ketone



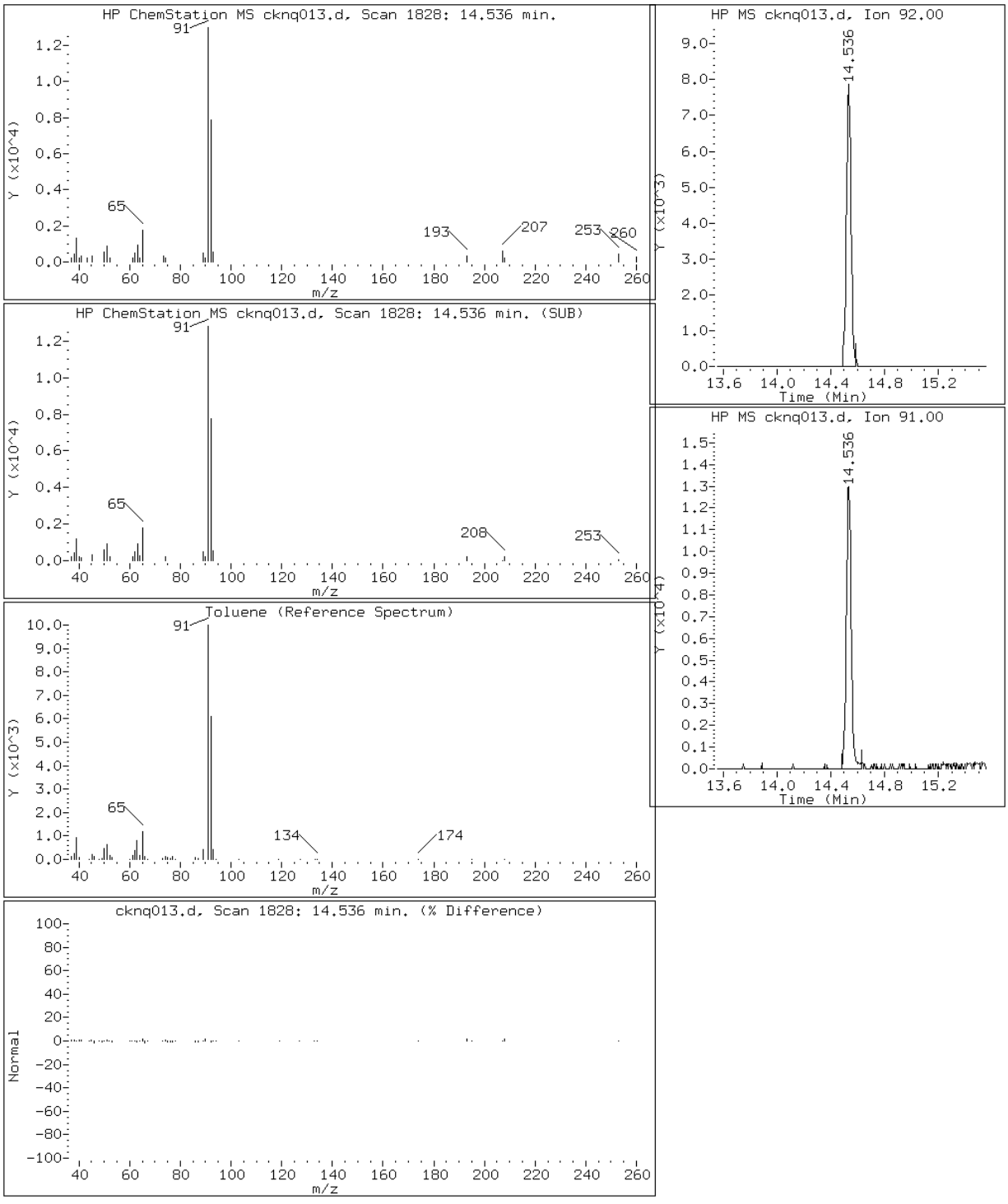
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

58 Toluene



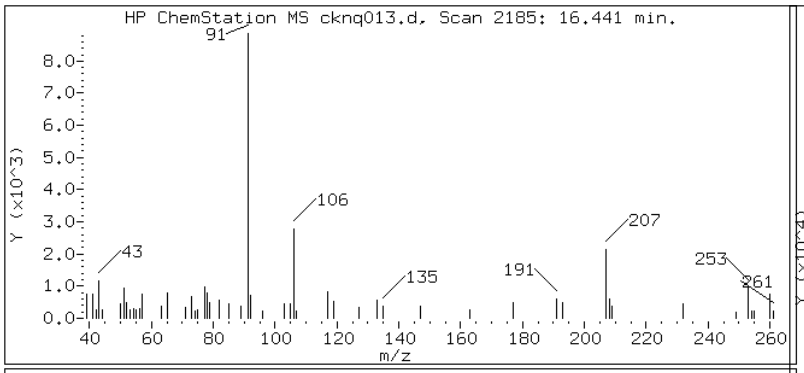
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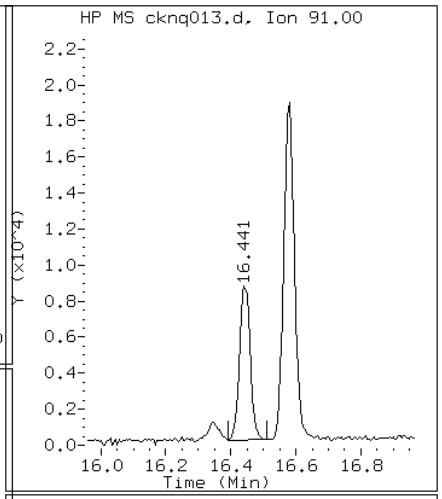
Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

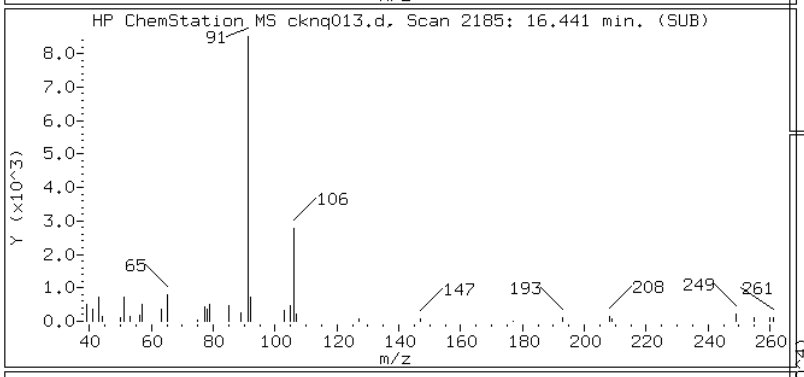
Client ID: 774VMP0301AD Instrument: C.i

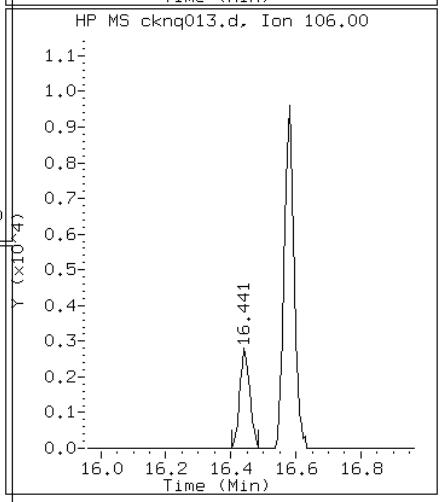
Sample Info: 280-25116-A-6 Operator: wrd

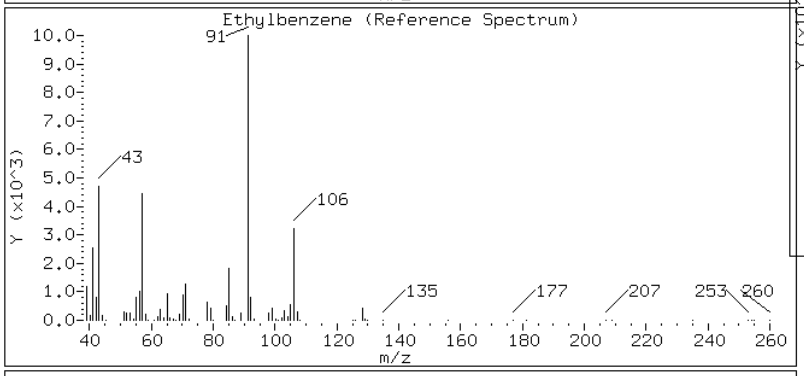
68 Ethylbenzene

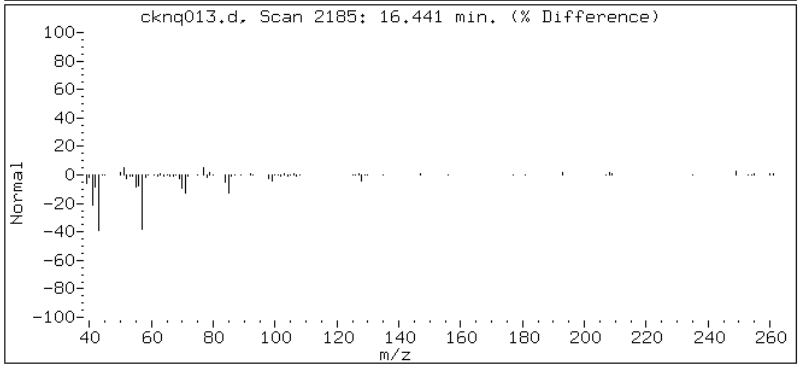












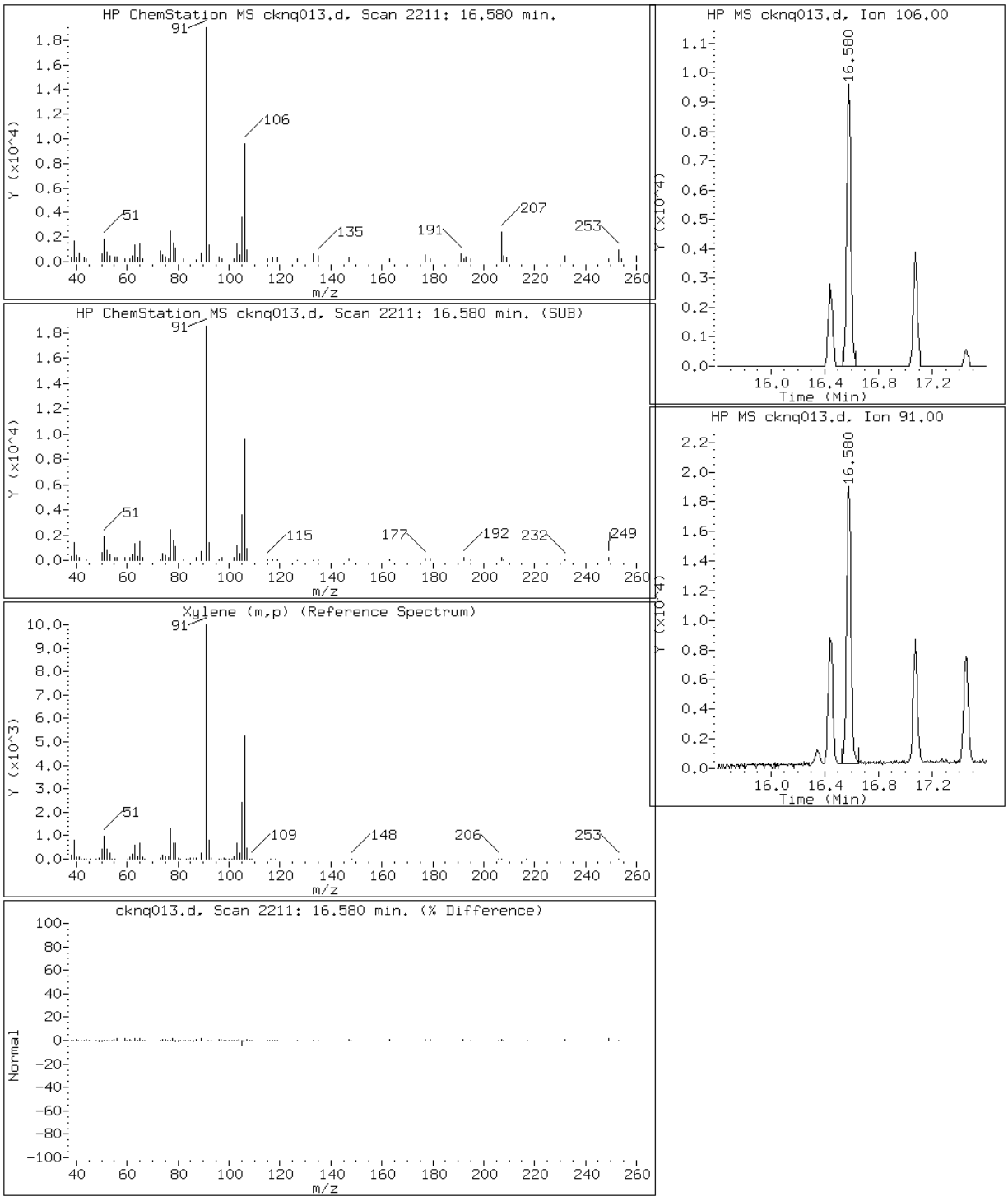
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

69 Xylene (m,p)



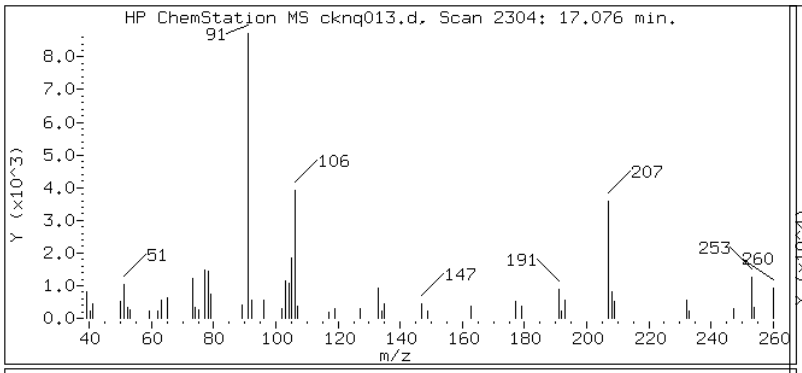
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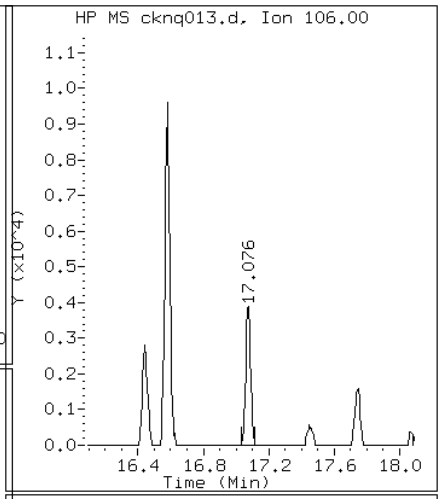
Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

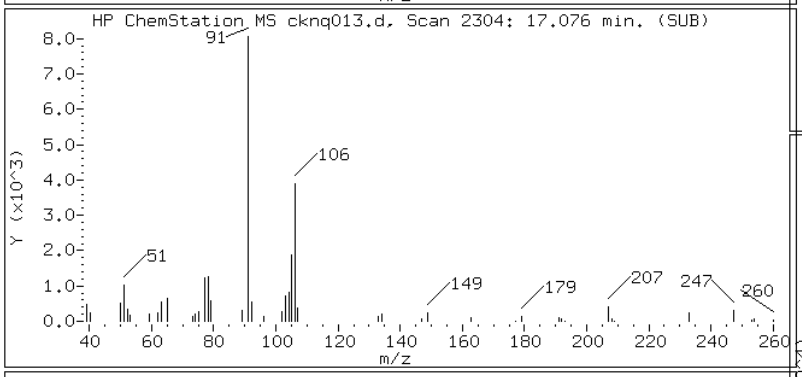
Client ID: 774VMP0301AD Instrument: C.i

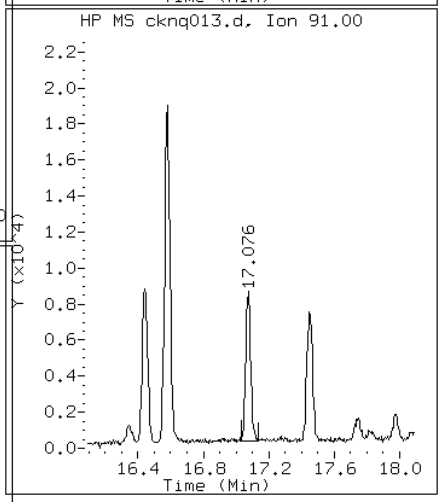
Sample Info: 280-25116-A-6 Operator: wrd

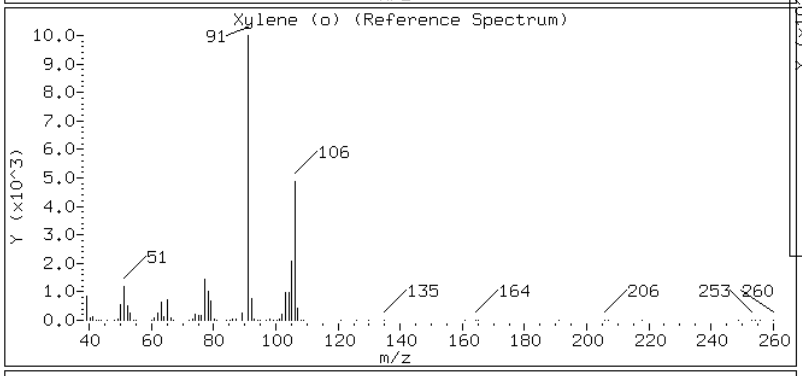
71 Xylene (o)

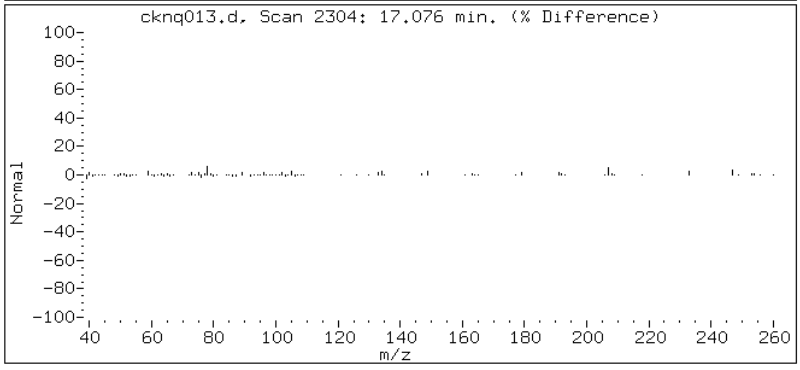












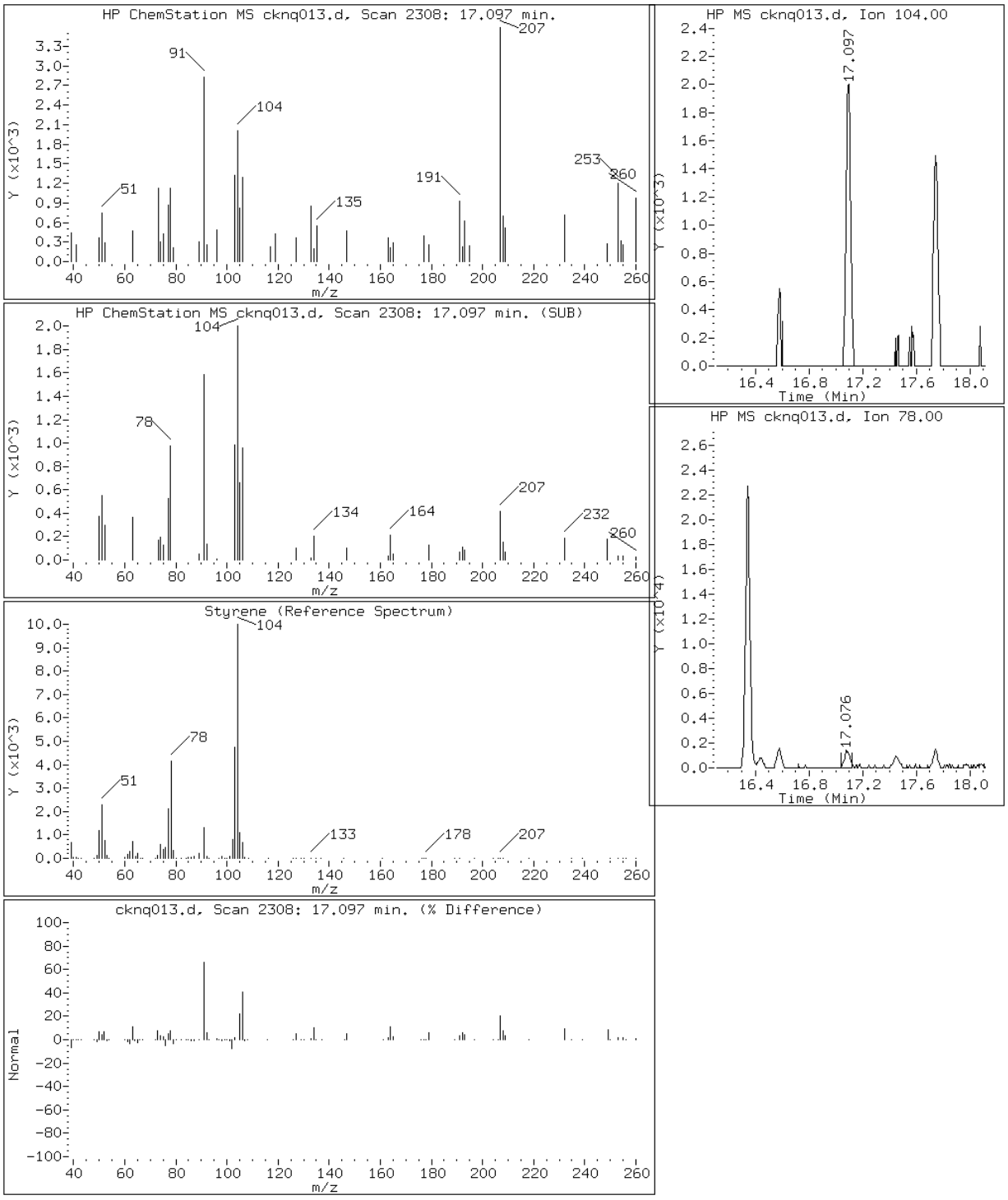
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

72 Styrene



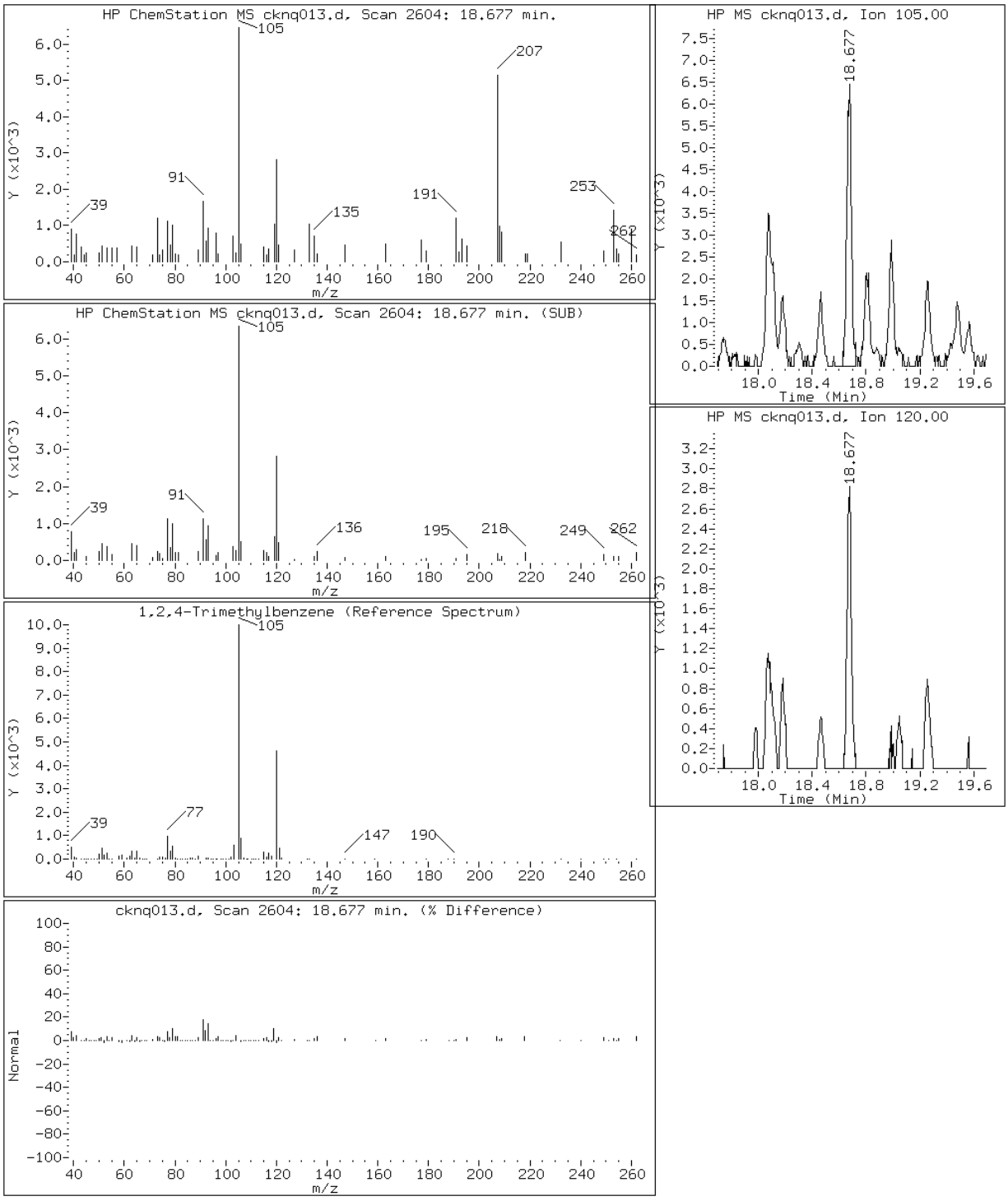
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

84 1,2,4-Trimethylbenzene



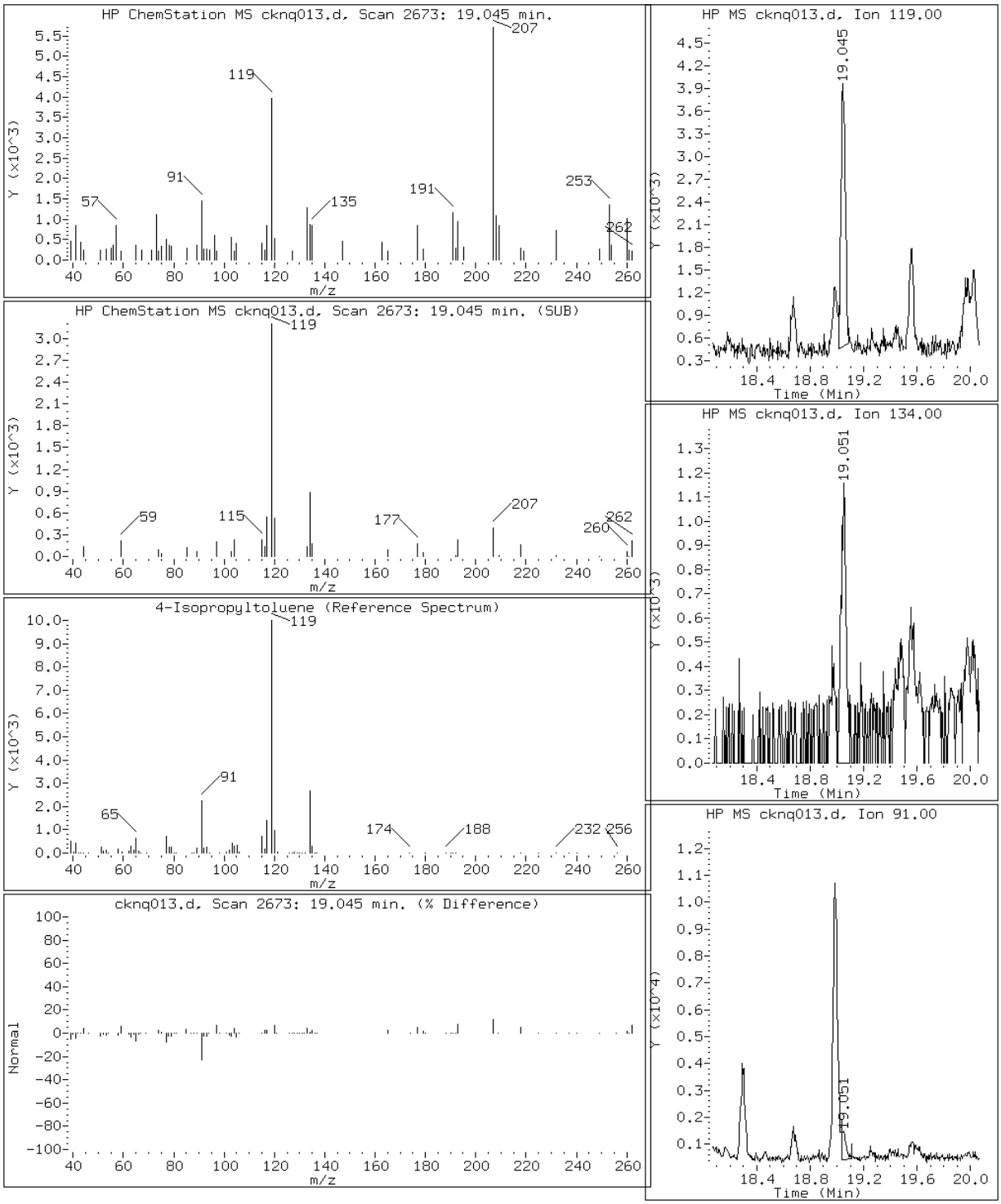
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Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

86 4-Isopropyltoluene



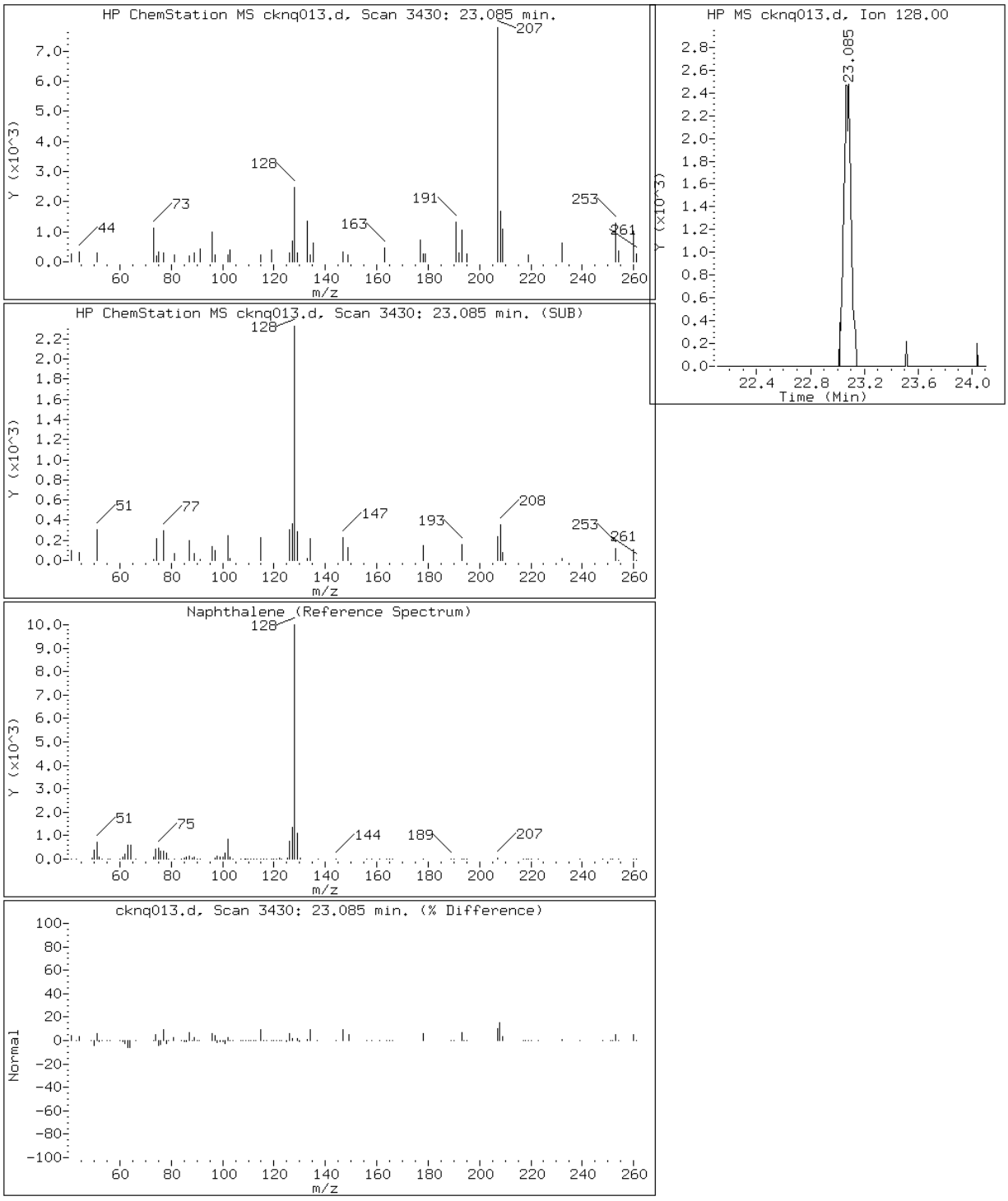
Data File: cknq013.d

Lab Sample ID: 280-25116-6 Date: 06-FEB-2012 19:17

Client ID: 774VMP0301AD Instrument: C.i

Sample Info: 280-25116-A-6 Operator: wrd

96 Naphthalene



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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774IA1AG Lab Sample ID: 280-25116-7

Matrix: Air Lab File ID: cknr028.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:35

Sample wt/vol: 50(mL) Date Analyzed: 02/08/2012 09:10

Soil Aliquot Vol: Dilution Factor: 4

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.52	U	2.0	0.15
75-45-6	Freon 22	86.47	98		2.0	0.14
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.32	U	0.80	0.13
74-87-3	Chloromethane	50.49	0.81	J M	2.0	0.052
106-97-8	n-Butane	58.12	0.16	U	2.0	0.044
75-01-4	Vinyl chloride	62.50	0.32	U	0.80	0.12
106-99-0	1,3-Butadiene	54.09	0.16	U	0.80	0.040
74-83-9	Bromomethane	94.94	0.16	U	0.80	0.048
75-00-3	Chloroethane	64.52	0.16	U	2.0	0.064
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.16	U	0.80	0.076
75-69-4	Trichlorofluoromethane	137.37	1.6		0.80	0.14
76-13-1	Freon TF	187.38	0.16	U	0.80	0.040
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.80	0.12
67-64-1	Acetone	58.08	12	J	20	0.18
67-63-0	Isopropyl alcohol	60.10	12	J	20	0.15
75-15-0	Carbon disulfide	76.14	0.80	U	2.0	0.26
107-05-1	3-Chloropropene	76.53	0.16	U	2.0	0.076
75-09-2	Methylene Chloride	84.93	0.16	U	2.0	0.052
75-65-0	tert-Butyl alcohol	74.12	0.80	U	20	0.28
1634-04-4	Methyl tert-butyl ether	88.15	0.16	U	0.80	0.064
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.80	0.13
110-54-3	n-Hexane	86.17	0.32	U	0.80	0.10
75-34-3	1,1-Dichloroethane	98.96	0.52	U	0.80	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.86	J M	2.0	0.068
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.80	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.80	0.056
67-66-3	Chloroform	119.38	0.32	U	0.80	0.12
109-99-9	Tetrahydrofuran	72.11	0.16	U	20	0.072
71-55-6	1,1,1-Trichloroethane	133.41	0.52	U	0.80	0.14
110-82-7	Cyclohexane	84.16	0.52	U	0.80	0.16
56-23-5	Carbon tetrachloride	153.81	0.52	U	0.80	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.52	U	0.80	0.14
71-43-2	Benzene	78.11	0.16	U	0.80	0.072
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.80	0.12
142-82-5	n-Heptane	100.21	0.16	U	0.80	0.040

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774IA1AG Lab Sample ID: 280-25116-7

Matrix: Air Lab File ID: cknr028.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:35

Sample wt/vol: 50(mL) Date Analyzed: 02/08/2012 09:10

Soil Aliquot Vol: Dilution Factor: 4

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.27	J	0.80	0.12
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.052
78-87-5	1,2-Dichloropropane	112.99	0.16	U	0.80	0.056
123-91-1	1,4-Dioxane	88.11	1.3	U	20	0.35
75-27-4	Bromodichloromethane	163.83	0.32	U	0.80	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.16	U	0.80	0.064
108-10-1	methyl isobutyl ketone	100.16	0.32	U	2.0	0.10
108-88-3	Toluene	92.14	0.20	J	0.80	0.072
10061-02-6	trans-1,3-Dichloropropene	110.97	0.32	U	0.80	0.080
79-00-5	1,1,2-Trichloroethane	133.41	0.16	U	0.80	0.076
127-18-4	Tetrachloroethene	165.83	0.16	U	0.80	0.044
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.52	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.32	U	0.80	0.084
106-93-4	1,2-Dibromoethane	187.87	0.16	U	0.80	0.072
108-90-7	Chlorobenzene	112.30	0.32	U	0.80	0.080
100-41-4	Ethylbenzene	106.17	0.32	U	0.80	0.088
179601-23-1	m,p-Xylene	106.17	0.64	U	2.0	0.19
95-47-6	Xylene, o-	106.17	0.32	U	0.80	0.088
1330-20-7	Xylene (total)	106.17	0.32	U	0.80	0.088
100-42-5	Styrene	104.15	0.32	U	0.80	0.12
75-25-2	Bromoform	252.75	0.16	U	0.80	0.076
98-82-8	Cumene	120.19	0.32	U	0.80	0.12
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.52	U	0.80	0.16
103-65-1	n-Propylbenzene	120.19	0.80	U	0.80	0.20
622-96-8	4-Ethyltoluene	120.20	0.52	U	0.80	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	0.52	U	0.80	0.20
95-49-8	2-Chlorotoluene	126.59	0.52	U	0.80	0.19
98-06-6	tert-Butylbenzene	134.22	0.52	U	0.80	0.19
95-63-6	1,2,4-Trimethylbenzene	120.20	0.52	U	0.80	0.21
135-98-8	sec-Butylbenzene	134.22	0.52	U	0.80	0.19
99-87-6	4-Isopropyltoluene	134.22	0.52	U	0.80	0.19
541-73-1	1,3-Dichlorobenzene	147.00	0.52	U	0.80	0.18
106-46-7	1,4-Dichlorobenzene	147.00	0.52	U	0.80	0.18
100-44-7	Benzyl chloride	126.58	0.52	U	0.80	0.18
104-51-8	n-Butylbenzene	134.22	0.52	U	0.80	0.22

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774IA1AG Lab Sample ID: 280-25116-7

Matrix: Air Lab File ID: cknr028.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:35

Sample wt/vol: 50(mL) Date Analyzed: 02/08/2012 09:10

Soil Aliquot Vol: Dilution Factor: 4

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.52	U	0.80	0.19
120-82-1	1,2,4-Trichlorobenzene	181.45	0.52	U	2.0	0.20
87-68-3	Hexachlorobutadiene	260.76	0.80	U	0.80	0.26
91-20-3	Naphthalene	128.17	1.3	U	2.0	0.34

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774IA1AG Lab Sample ID: 280-25116-7

Matrix: Air Lab File ID: cknr028.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:35

Sample wt/vol: 50(mL) Date Analyzed: 02/08/2012 09:10

Soil Aliquot Vol: Dilution Factor: 4

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.6	U	9.9	0.75
75-45-6	Freon 22	86.47	350		7.1	0.48
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.2	U	5.6	0.89
74-87-3	Chloromethane	50.49	1.7	J M	4.1	0.11
106-97-8	n-Butane	58.12	0.38	U	4.8	0.10
75-01-4	Vinyl chloride	62.50	0.82	U	2.0	0.30
106-99-0	1,3-Butadiene	54.09	0.35	U	1.8	0.088
74-83-9	Bromomethane	94.94	0.62	U	3.1	0.19
75-00-3	Chloroethane	64.52	0.42	U	5.3	0.17
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.70	U	3.5	0.33
75-69-4	Trichlorofluoromethane	137.37	8.9		4.5	0.76
76-13-1	Freon TF	187.38	1.2	U	6.1	0.31
75-35-4	1,1-Dichloroethene	96.94	1.3	U	3.2	0.48
67-64-1	Acetone	58.08	28	J	48	0.43
67-63-0	Isopropyl alcohol	60.10	29	J	49	0.36
75-15-0	Carbon disulfide	76.14	2.5	U	6.2	0.82
107-05-1	3-Chloropropene	76.53	0.50	U	6.3	0.24
75-09-2	Methylene Chloride	84.93	0.56	U	6.9	0.18
75-65-0	tert-Butyl alcohol	74.12	2.4	U	61	0.86
1634-04-4	Methyl tert-butyl ether	88.15	0.58	U	2.9	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	1.3	U	3.2	0.51
110-54-3	n-Hexane	86.17	1.1	U	2.8	0.37
75-34-3	1,1-Dichloroethane	98.96	2.1	U	3.2	0.57
78-93-3	Methyl Ethyl Ketone	72.11	2.5	J M	5.9	0.20
156-59-2	cis-1,2-Dichloroethene	96.94	0.63	U	3.2	0.22
540-59-0	1,2-Dichloroethene, Total	96.94	0.63	U	3.2	0.22
67-66-3	Chloroform	119.38	1.6	U	3.9	0.61
109-99-9	Tetrahydrofuran	72.11	0.47	U	59	0.21
71-55-6	1,1,1-Trichloroethane	133.41	2.8	U	4.4	0.76
110-82-7	Cyclohexane	84.16	1.8	U	2.8	0.54
56-23-5	Carbon tetrachloride	153.81	3.3	U	5.0	0.83
540-84-1	2,2,4-Trimethylpentane	114.23	2.4	U	3.7	0.67
71-43-2	Benzene	78.11	0.51	U	2.6	0.23
107-06-2	1,2-Dichloroethane	98.96	1.3	U	3.2	0.50
142-82-5	n-Heptane	100.21	0.66	U	3.3	0.16

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774IA1AG Lab Sample ID: 280-25116-7

Matrix: Air Lab File ID: cknr028.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:35

Sample wt/vol: 50(mL) Date Analyzed: 02/08/2012 09:10

Soil Aliquot Vol: Dilution Factor: 4

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	1.5	J	4.3	0.64
80-62-6	Methyl methacrylate	100.12	0.66	U	8.2	0.21
78-87-5	1,2-Dichloropropane	112.99	0.74	U	3.7	0.26
123-91-1	1,4-Dioxane	88.11	4.6	U	72	1.3
75-27-4	Bromodichloromethane	163.83	2.1	U	5.4	0.75
10061-01-5	cis-1,3-Dichloropropene	110.97	0.73	U	3.6	0.29
108-10-1	methyl isobutyl ketone	100.16	1.3	U	8.2	0.43
108-88-3	Toluene	92.14	0.76	J	3.0	0.27
10061-02-6	trans-1,3-Dichloropropene	110.97	1.5	U	3.6	0.36
79-00-5	1,1,2-Trichloroethane	133.41	0.87	U	4.4	0.41
127-18-4	Tetrachloroethene	165.83	1.1	U	5.4	0.30
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.1	U	8.2	0.64
124-48-1	Dibromochloromethane	208.29	2.7	U	6.8	0.72
106-93-4	1,2-Dibromoethane	187.87	1.2	U	6.1	0.55
108-90-7	Chlorobenzene	112.30	1.5	U	3.7	0.37
100-41-4	Ethylbenzene	106.17	1.4	U	3.5	0.38
179601-23-1	m,p-Xylene	106.17	2.8	U	8.7	0.83
95-47-6	Xylene, o-	106.17	1.4	U	3.5	0.38
1330-20-7	Xylene (total)	106.17	1.4	U	3.5	0.38
100-42-5	Styrene	104.15	1.4	U	3.4	0.51
75-25-2	Bromoform	252.75	1.7	U	8.3	0.79
98-82-8	Cumene	120.19	1.6	U	3.9	0.61
79-34-5	1,1,2,2-Tetrachloroethane	167.85	3.6	U	5.5	1.1
103-65-1	n-Propylbenzene	120.19	3.9	U	3.9	0.98
622-96-8	4-Ethyltoluene	120.20	2.6	U	3.9	0.90
108-67-8	1,3,5-Trimethylbenzene	120.20	2.6	U	3.9	1.0
95-49-8	2-Chlorotoluene	126.59	2.7	U	4.1	0.97
98-06-6	tert-Butylbenzene	134.22	2.9	U	4.4	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	2.6	U	3.9	1.0
135-98-8	sec-Butylbenzene	134.22	2.9	U	4.4	1.0
99-87-6	4-Isopropyltoluene	134.22	2.9	U	4.4	1.1
541-73-1	1,3-Dichlorobenzene	147.00	3.1	U	4.8	1.1
106-46-7	1,4-Dichlorobenzene	147.00	3.1	U	4.8	1.1
100-44-7	Benzyl chloride	126.58	2.7	U	4.1	0.95
104-51-8	n-Butylbenzene	134.22	2.9	U	4.4	1.2

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774IA1AG Lab Sample ID: 280-25116-7

Matrix: Air Lab File ID: cknr028.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:35

Sample wt/vol: 50(mL) Date Analyzed: 02/08/2012 09:10

Soil Aliquot Vol: Dilution Factor: 4

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	3.1	U	4.8	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	3.9	U	15	1.5
87-68-3	Hexachlorobutadiene	260.76	8.5	U	8.5	2.8
91-20-3	Naphthalene	128.17	6.7	U	10	1.8

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-7
Client Smp ID: 774IA1AG
Inj Date : 08-FEB-2012 09:10
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-7
Misc Info : 50,4,all74
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 11
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	Compound Not Detected.					
3 Chlorodifluoromethane	51	5.100	5.100	(0.459)	669947	24.4807	98
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.522	5.516	(0.497)	3124	0.20211	0.81(aM)
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	7.139	7.149	(0.643)	20346	0.39385	1.6
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.211	8.211	(0.740)	77041	2.98830	12(a)
21 Carbon disulfide	76	Compound Not Detected.					

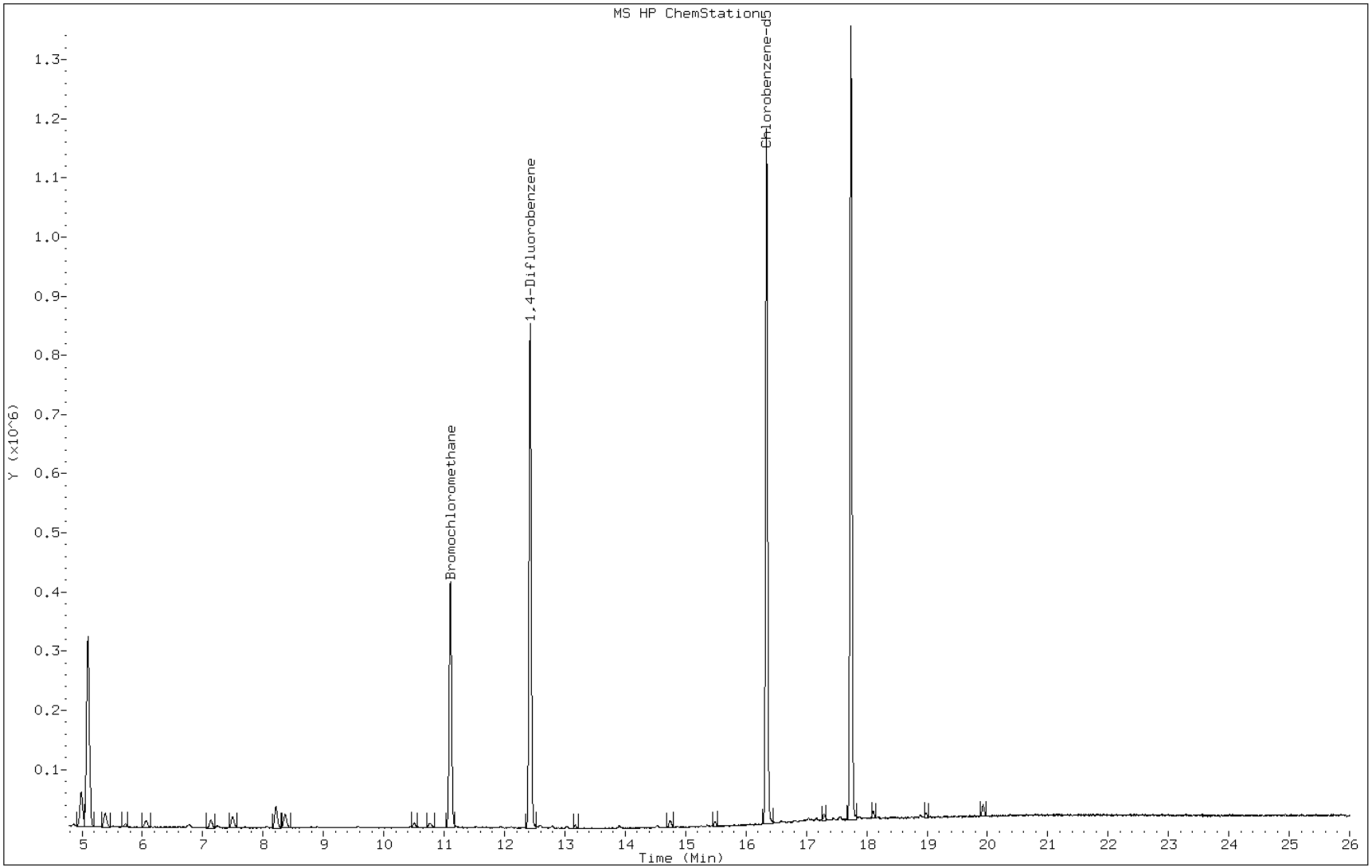
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
22	Isopropanol	45	8.366	8.350	(0.753)	51733	2.92406	12(a)
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	Compound Not Detected.					
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	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	10.768	10.762	(0.970)	2022	0.21401	0.86(aQM)
* 37	Bromochloromethane	128	11.104	11.125	(1.000)	158082	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	12.422	12.443	(1.000)	913451	10.0000	
49	Trichloroethene	95	12.801	12.812	(1.030)	1984	0.06803	0.27(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	14.541	14.557	(0.890)	2406	0.05034	0.20(aQ)
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	16.345	16.366	(1.000)	860857	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:	cknr028.d	Date:	08-FEB-2012 09:10
Client ID:	774IA1AG	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-7		
Lab Sample ID:	280-25116-7		



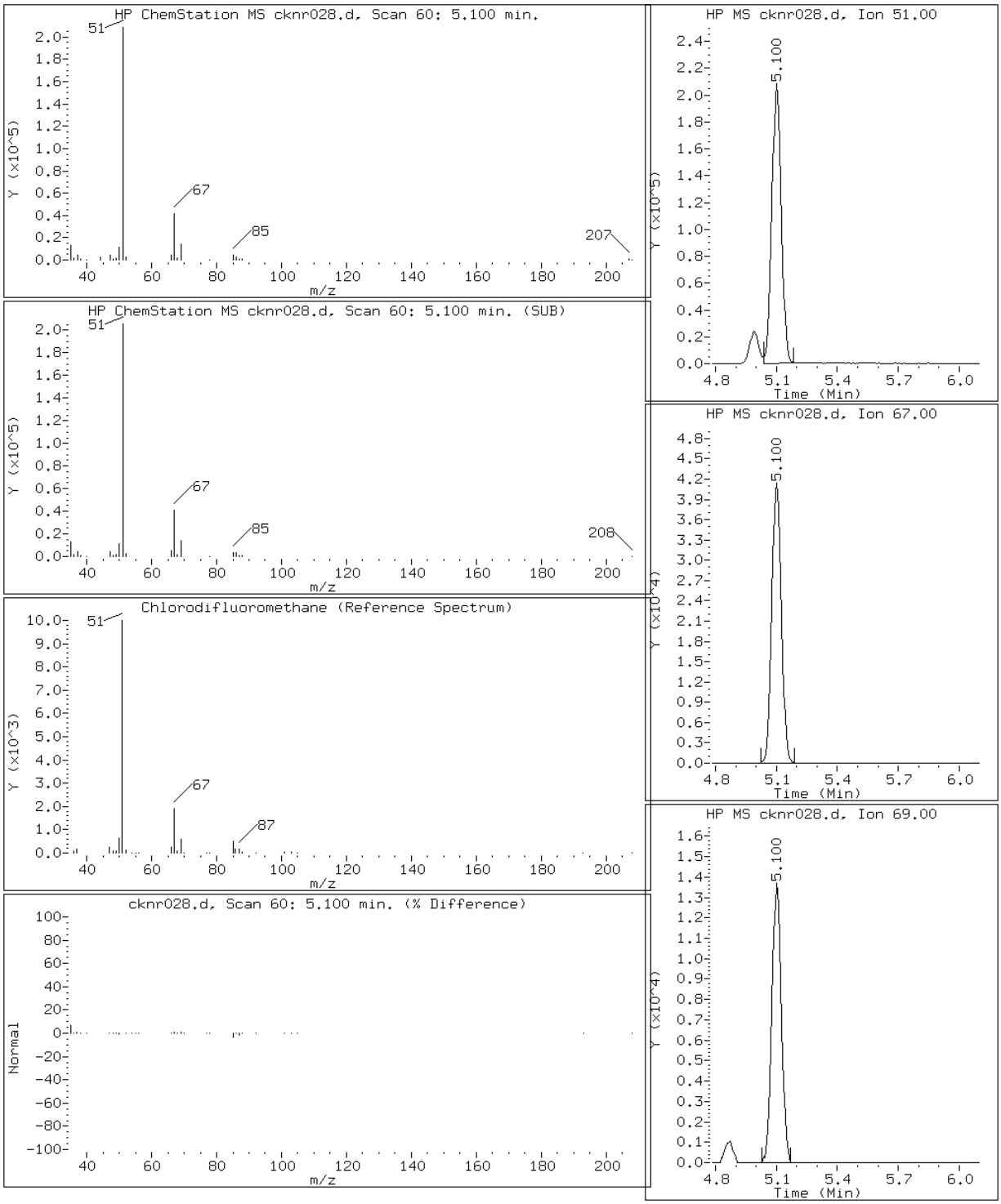
Data File: cknr028.d

Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

Client ID: 774IA1AG Instrument: C.i

Sample Info: 280-25116-A-7 Operator: wrd

3 Chlorodifluoromethane



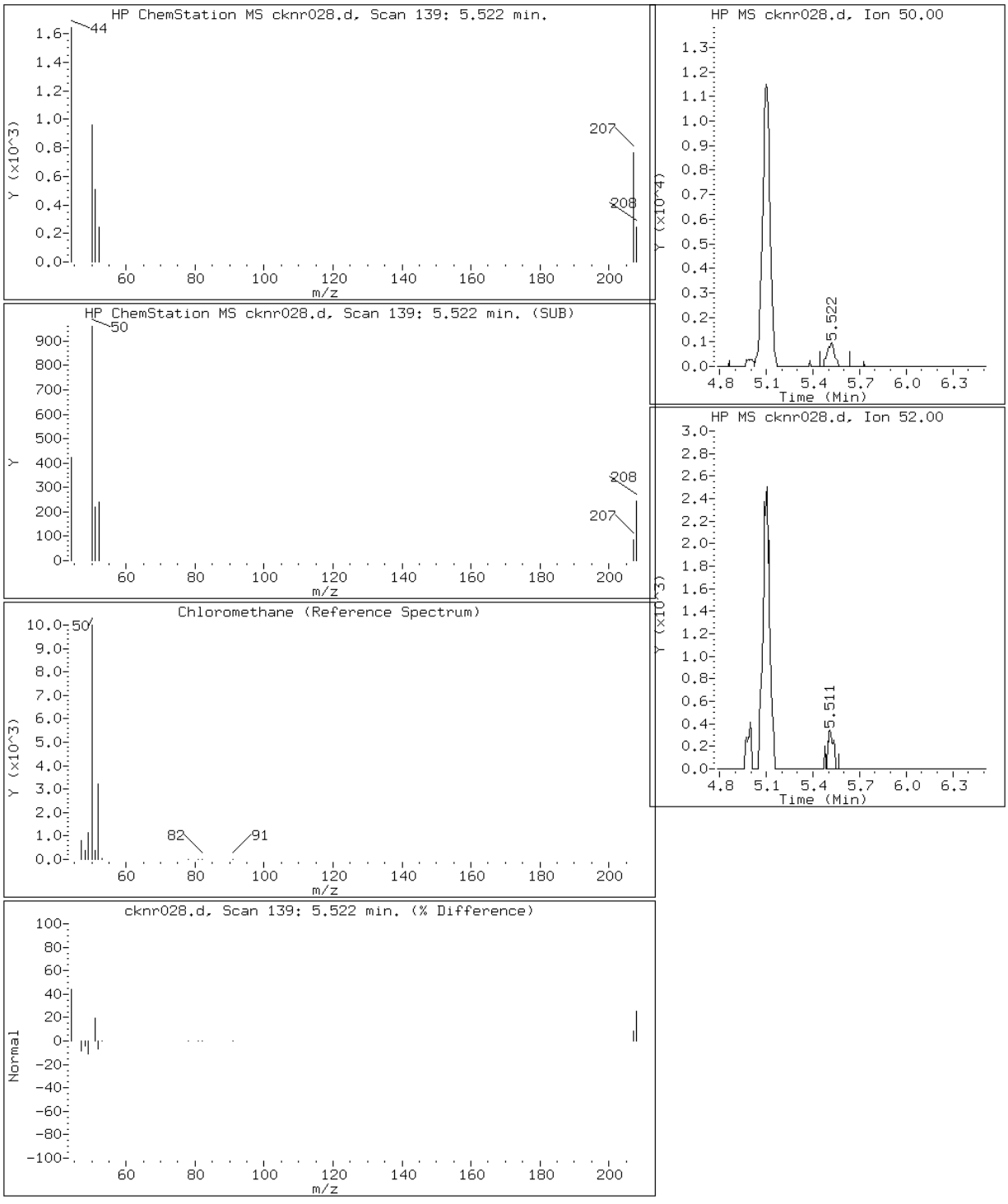
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Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

Client ID: 774IA1AG Instrument: C.i

Sample Info: 280-25116-A-7 Operator: wrd

5 Chloromethane



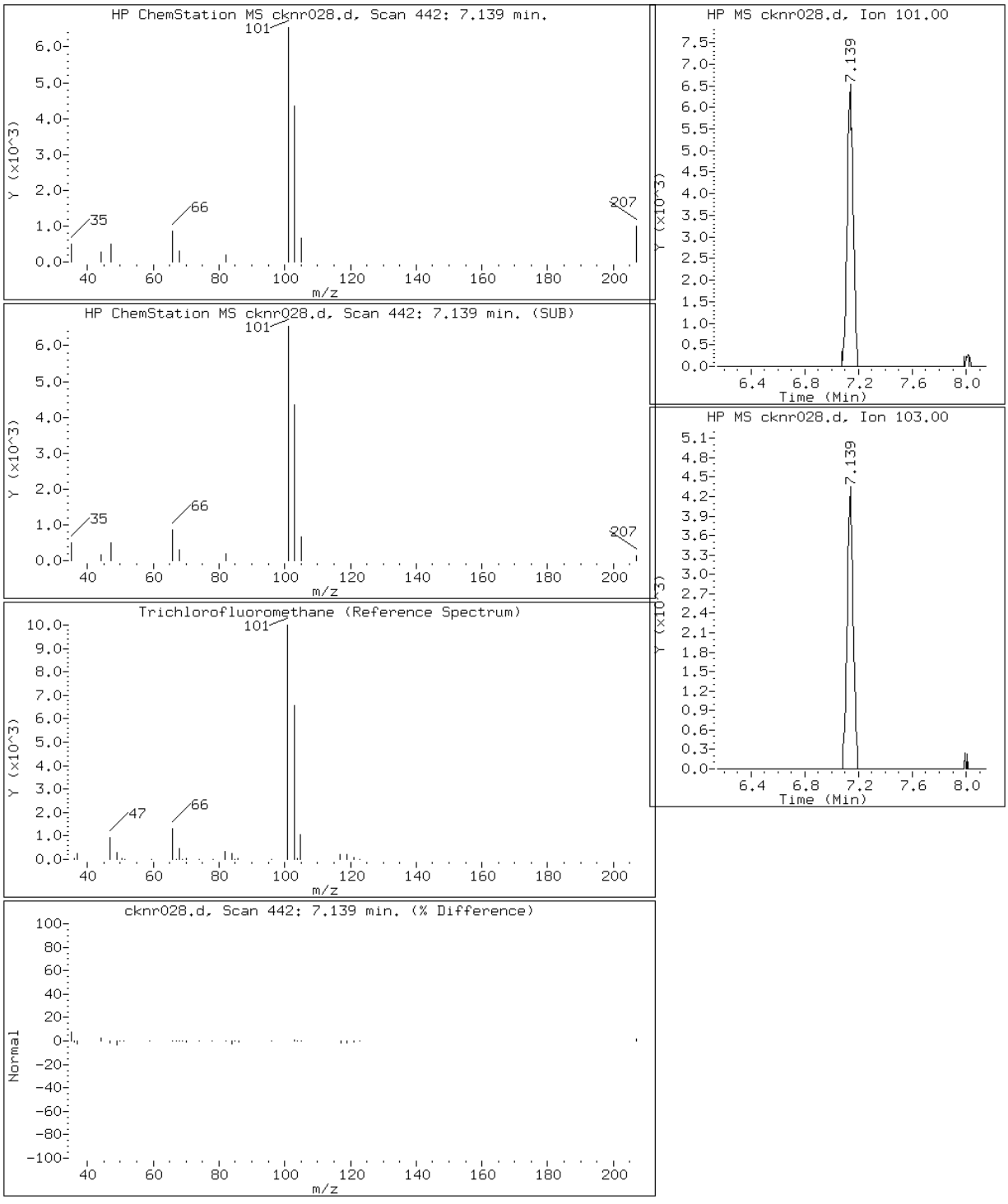
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Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

Client ID: 774IA1AG Instrument: C.i

Sample Info: 280-25116-A-7 Operator: wrd

13 Trichlorofluoromethane



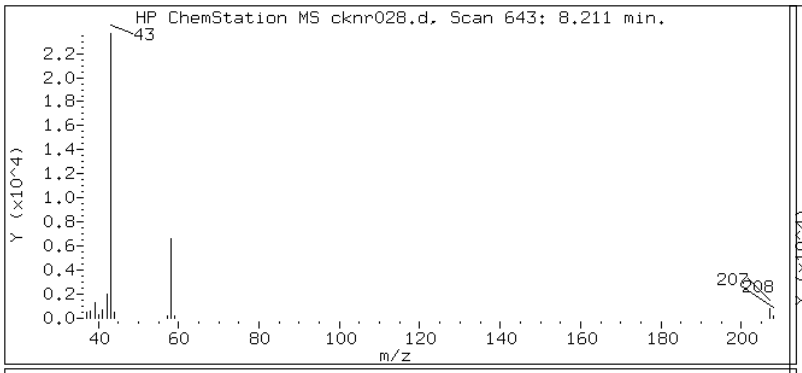
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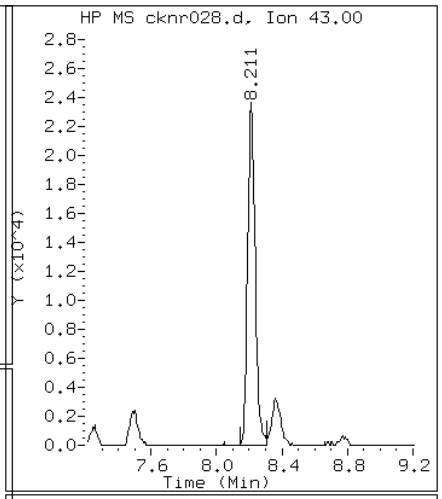
Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

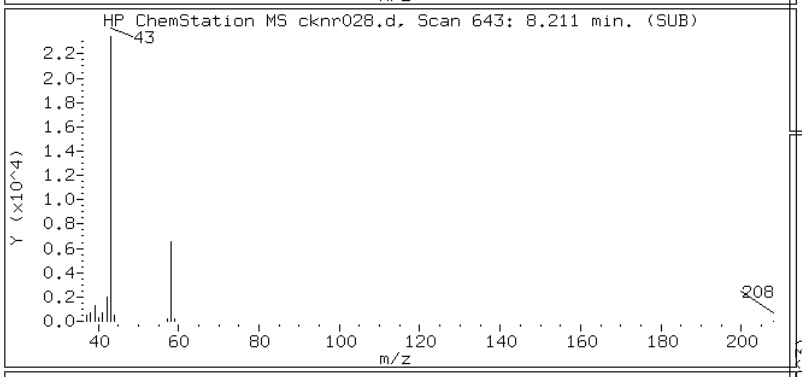
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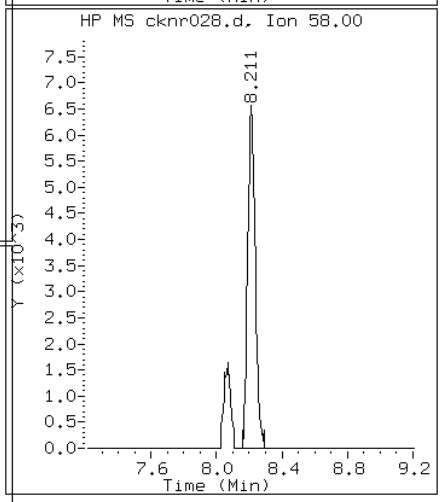
Sample Info: 280-25116-A-7 Operator: wrd

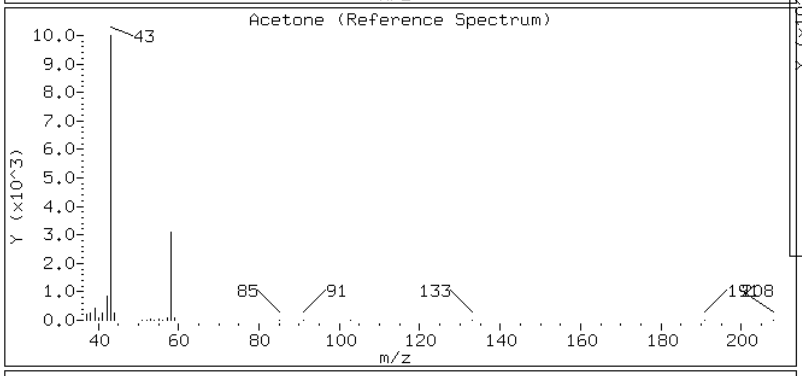
20 Acetone

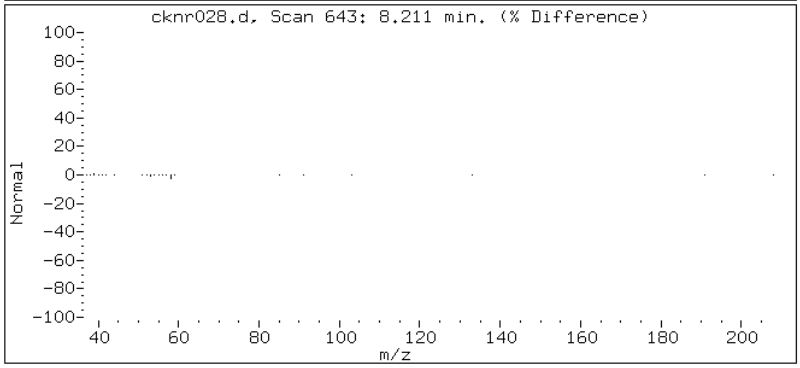












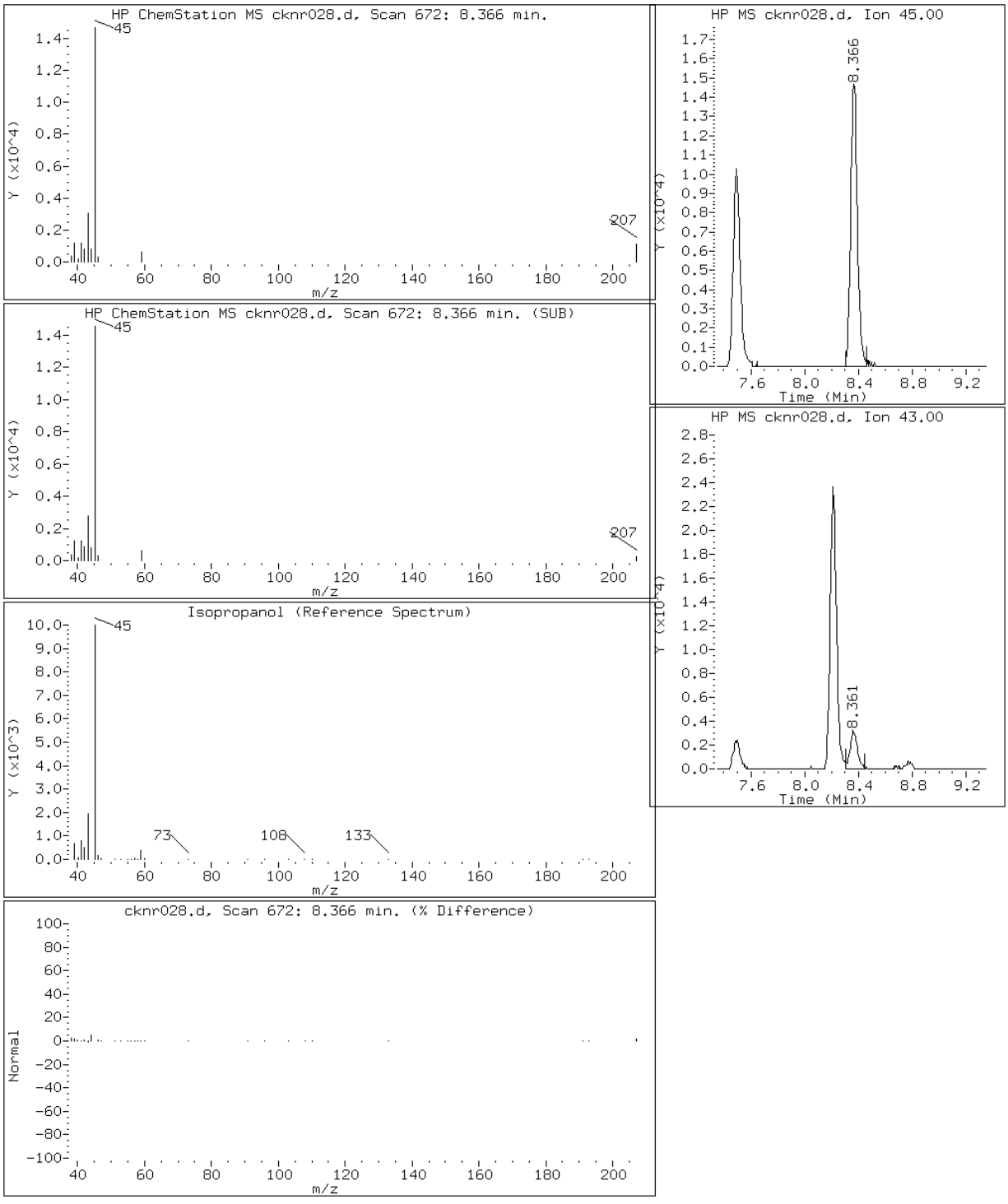
Data File: cknr028.d

Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

Client ID: 774IA1AG Instrument: C.i

Sample Info: 280-25116-A-7 Operator: wrd

22 Isopropanol



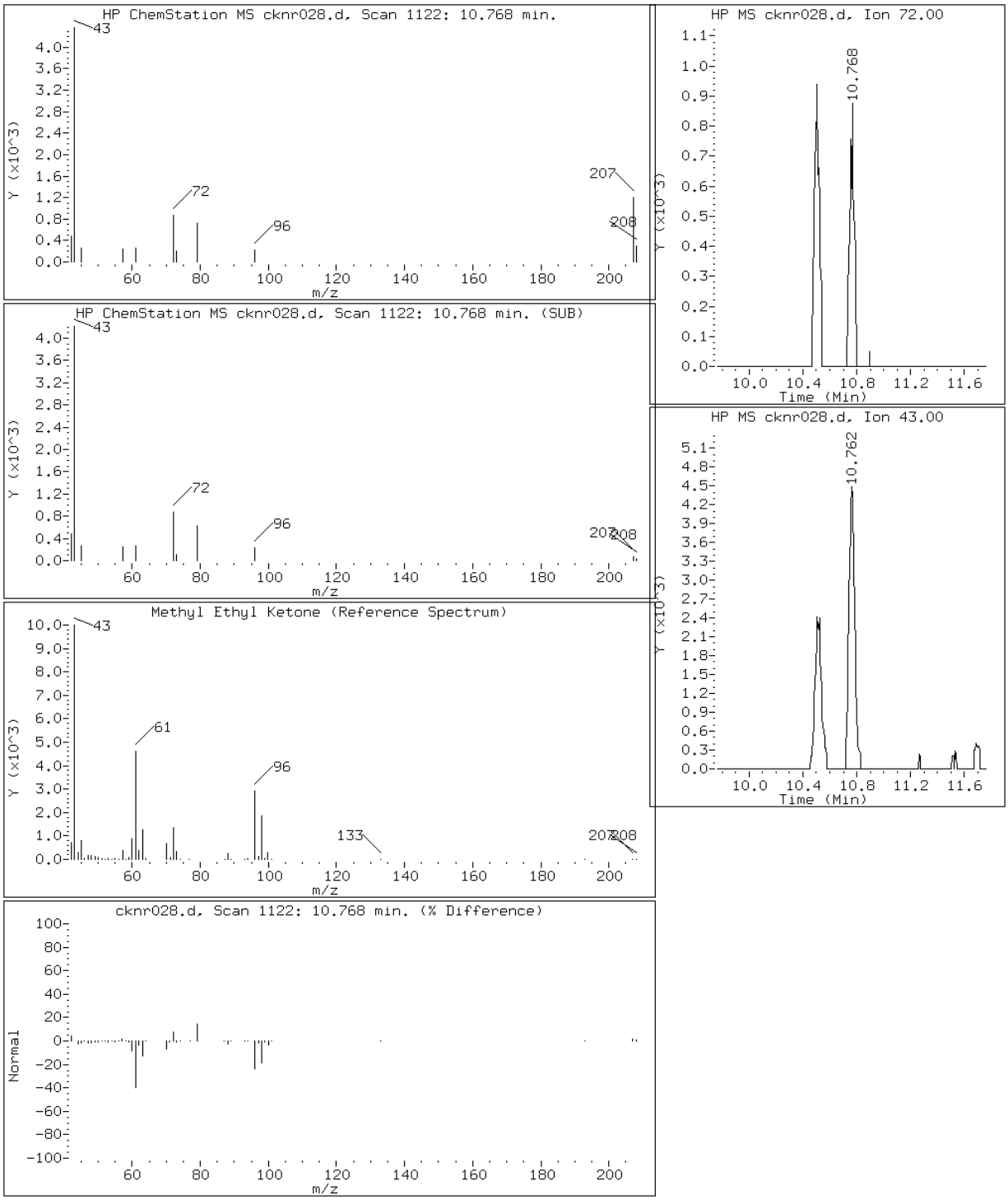
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Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

Client ID: 774IA1AG Instrument: C.i

Sample Info: 280-25116-A-7 Operator: wrd

36 Methyl Ethyl Ketone



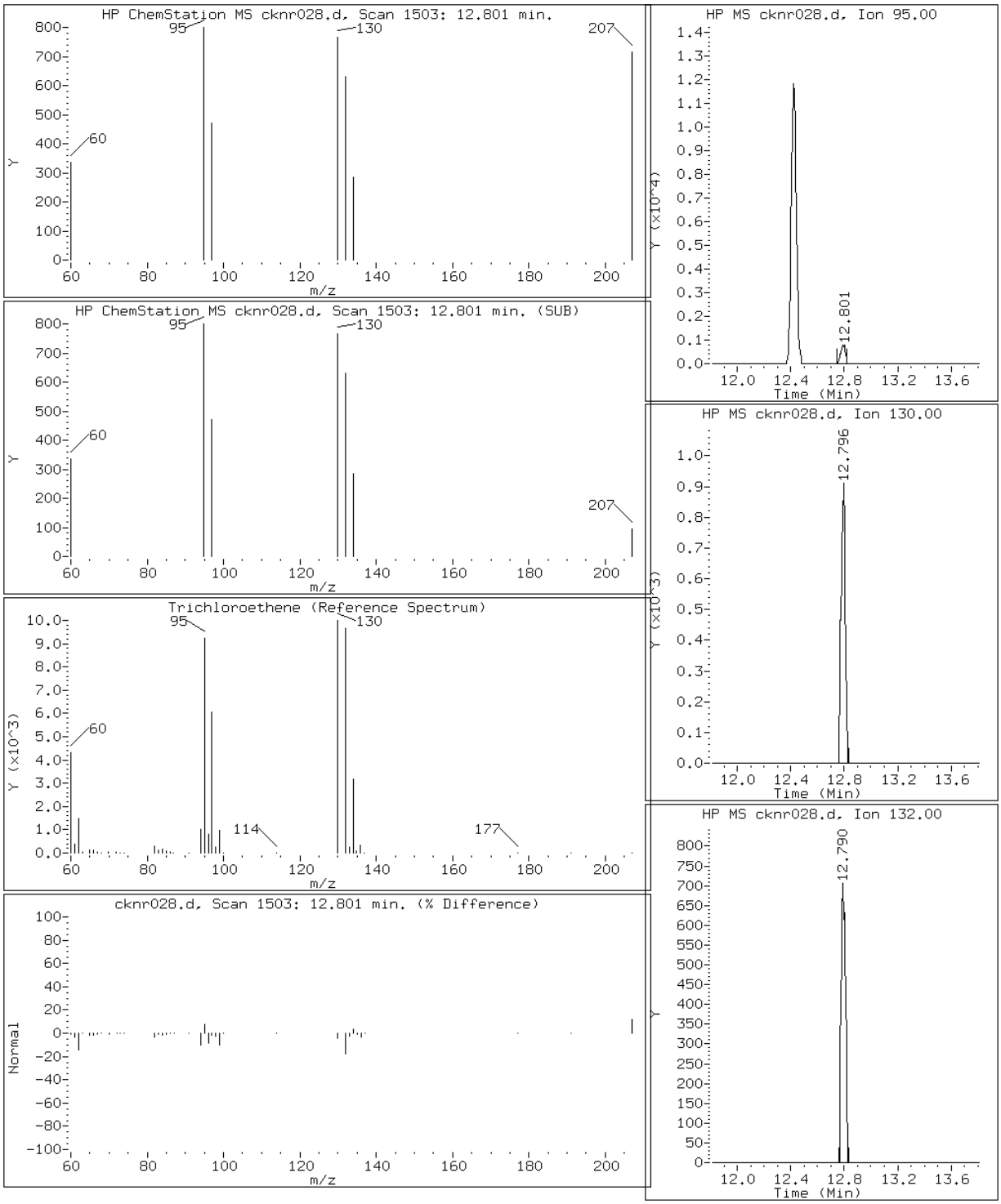
Data File: cknr028.d

Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

Client ID: 774IA1AG Instrument: C.i

Sample Info: 280-25116-A-7 Operator: wrd

49 Trichloroethene



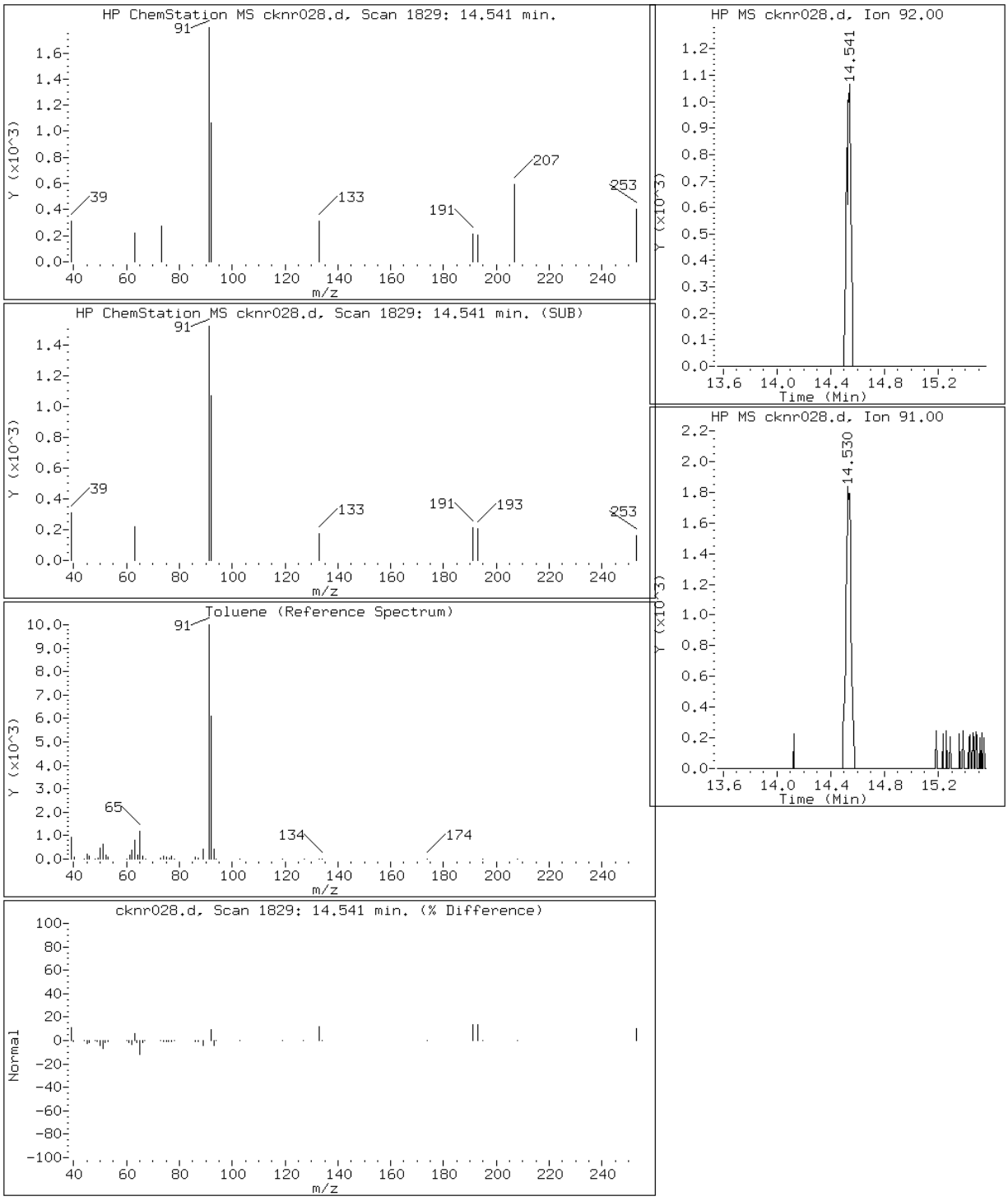
Data File: cknr028.d

Lab Sample ID: 280-25116-7 Date: 08-FEB-2012 09:10

Client ID: 774IA1AG Instrument: C.i

Sample Info: 280-25116-A-7 Operator: wrd

58 Toluene



Manual Integration Report

Data File: cknr028.d
Lab Sample ID: 280-25116-7
Inj. Date and Time: 08-FEB-2012 09:10
Instrument ID: C.i
Client ID: 774IA1AG
Compound: 5 Chloromethane
CAS #: 74-87-3
Report Date: 02/08/2012

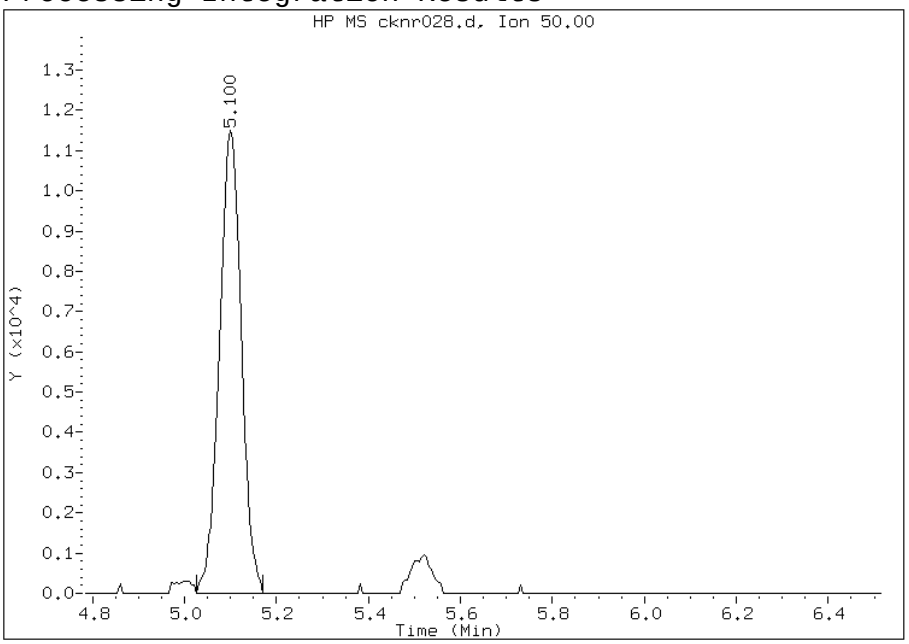
Processing Integration Results

RT: 5.10

Response: 38727

Amount: 2.51

Conc: 10.02



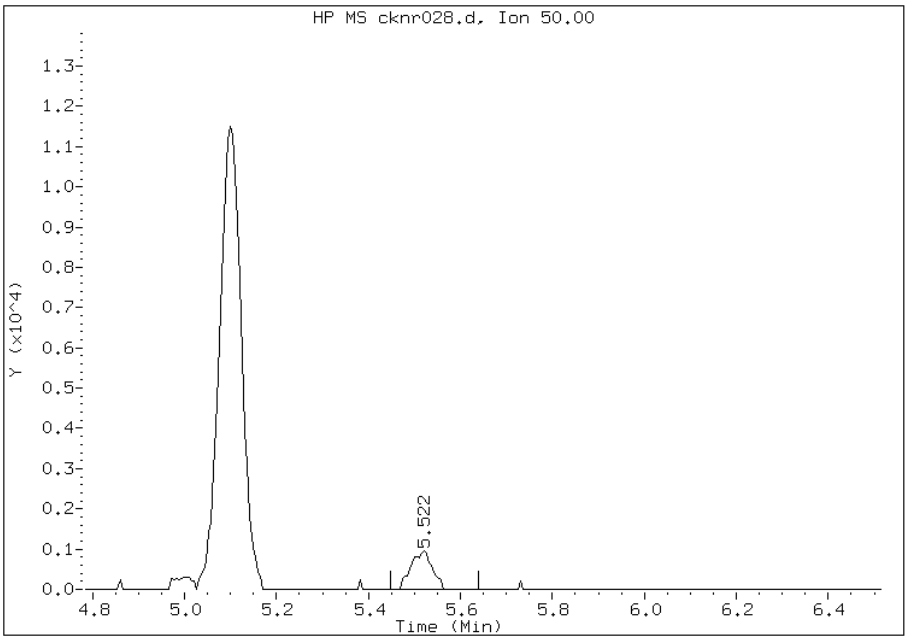
Manual Integration Results

RT: 5.52

Response: 3124

Amount: 0.202111

Conc: 0.808445



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

Manual Integration Report

Data File: cknr028.d
Lab Sample ID: 280-25116-7
Inj. Date and Time: 08-FEB-2012 09:10
Instrument ID: C.i
Client ID: 774IA1AG
Compound: 36 Methyl Ethyl Ketone
CAS #: 78-93-3
Report Date: 02/08/2012

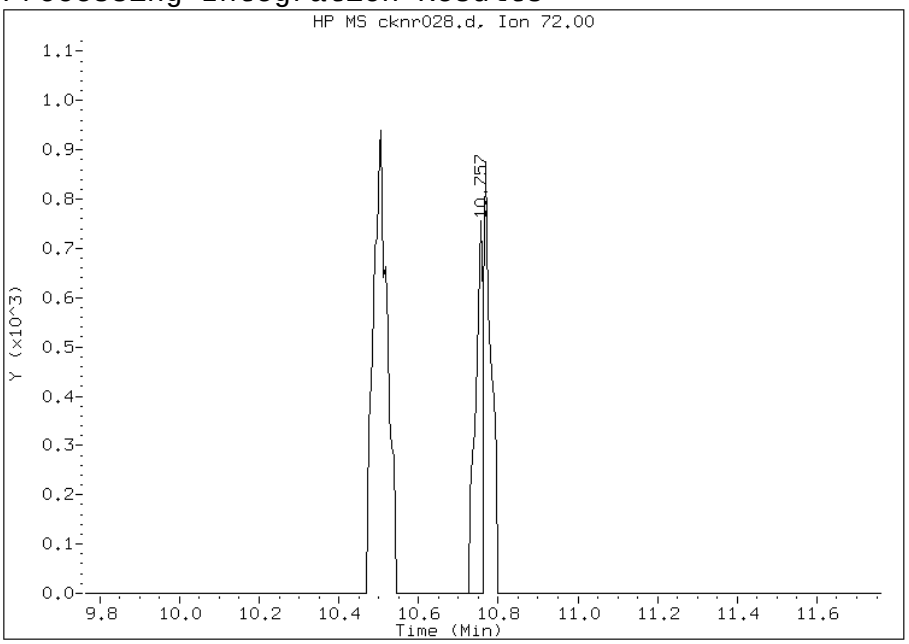
Processing Integration Results

RT: 10.76

Response: 1025

Amount: 0.108489

Conc: 0.433956



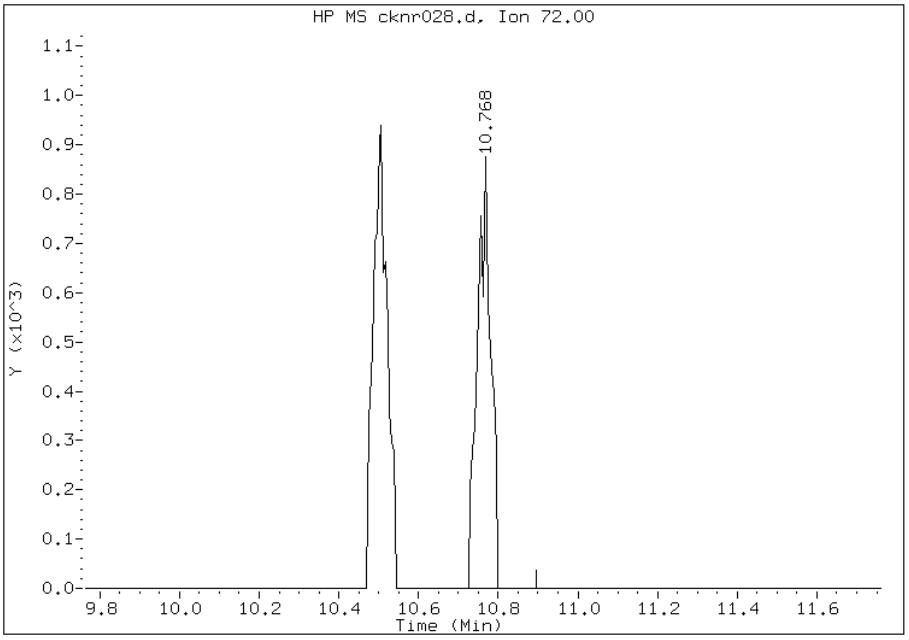
Manual Integration Results

RT: 10.77

Response: 2022

Amount: 0.214015

Conc: 0.856059



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776OA1GA Lab Sample ID: 280-25116-8

Matrix: Air Lab File ID: cknq015.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:10

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 20:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.58		0.50	0.013
106-97-8	n-Butane	58.12	0.77		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.074	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.79	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.14	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.12	J	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.14	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.082	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.20		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776OA1GA Lab Sample ID: 280-25116-8

Matrix: Air Lab File ID: cknq015.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:10

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 20:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.19	J	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.076	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.028	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.10	J	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776OA1GA Lab Sample ID: 280-25116-8

Matrix: Air Lab File ID: cknq015.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:10

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 20:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776OA1GA Lab Sample ID: 280-25116-8

Matrix: Air Lab File ID: cknq015.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:10

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 20:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	1.2		1.0	0.027
106-97-8	n-Butane	58.12	1.8		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.56	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	1.9	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.50	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.42	J	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.42	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.51	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.63		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776OA1GA Lab Sample ID: 280-25116-8

Matrix: Air Lab File ID: cknq015.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:10

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 20:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.73	J	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.33	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.12	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.45	J	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776OA1GA Lab Sample ID: 280-25116-8

Matrix: Air Lab File ID: cknq015.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:10

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 20:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-8
Client Smp ID: 774776OA1GA
Inj Date : 06-FEB-2012 20:57
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-8
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.052	5.057	(0.455)	34997	0.56709	0.57
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.521	5.516	(0.497)	10762	0.57539	0.58
6 Butane	43	5.719	5.730	(0.515)	28586	0.76733	0.77
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	7.138	7.149	(0.643)	15467	0.24743	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	3206	0.07357	0.074(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.233	8.211	(0.741)	24784	0.79444	0.79(a)
21 Carbon disulfide	76	Compound Not Detected.					

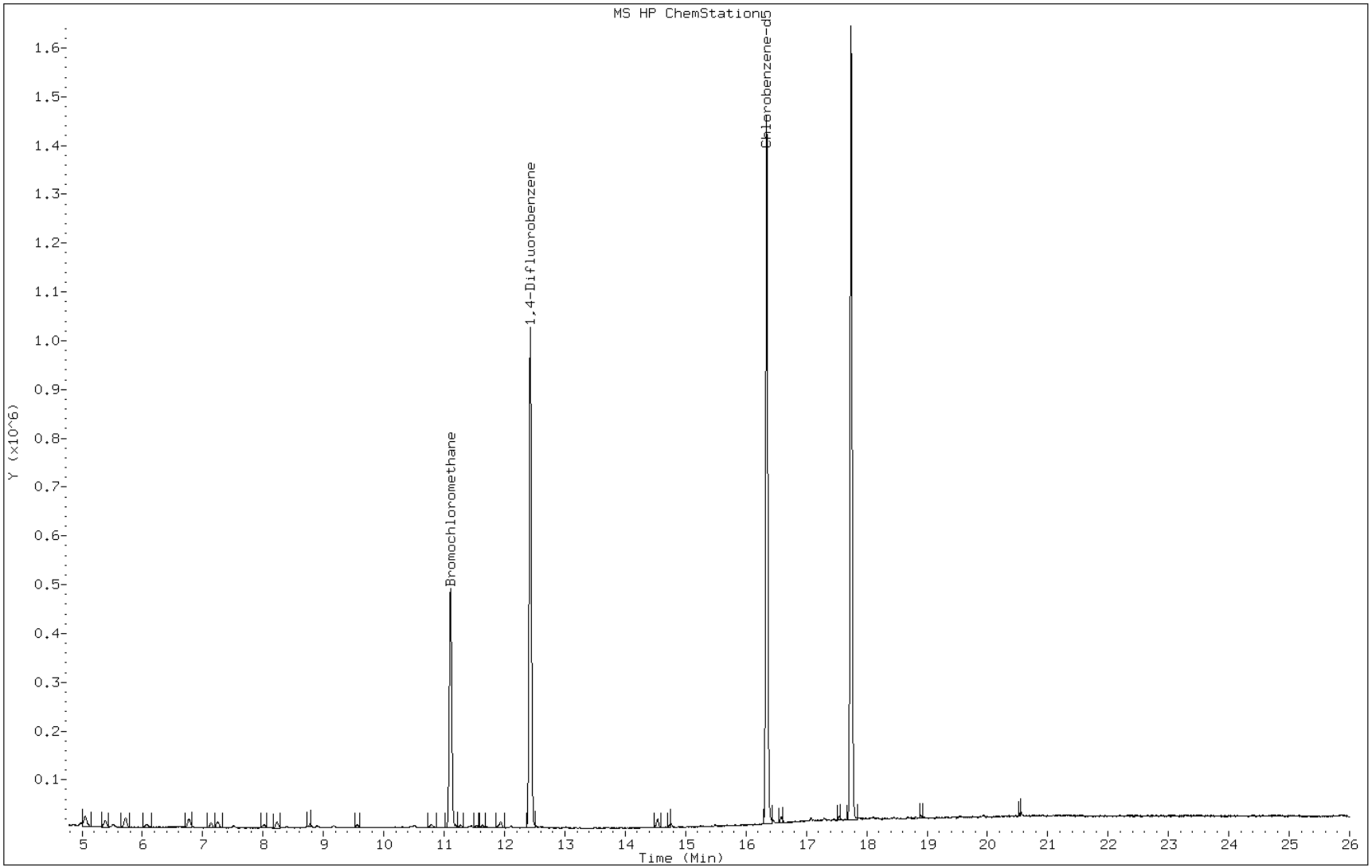
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.894	8.910	(0.801)	3373	0.14386	0.14(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.556	9.572	(0.861)	4563	0.11986	0.12(a)
	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	10.778	10.762	(0.971)	1612	0.14100	0.14(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	191291	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	11.632	11.648	(0.936)	4878	0.08177	0.082(a)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	11.936	11.958	(0.960)	16124	0.19768	0.20
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	12.427	12.443	(1.000)	1144525	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	14.535	14.557	(0.889)	11549	0.19318	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	16.345	16.366	(1.000)	1076800	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	16.579	16.601	(1.014)	3957	0.07606	0.076(aQ)
M	70 Xylenes, Total	106				5355	0.10424	0.10(a)
	71 Xylene (o)	106	17.070	17.092	(1.044)	1398	0.02817	0.028(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	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:	cknq015.d	Date:	06-FEB-2012 20:57
Client ID:	774776OA1GA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-8		
Lab Sample ID:	280-25116-8		



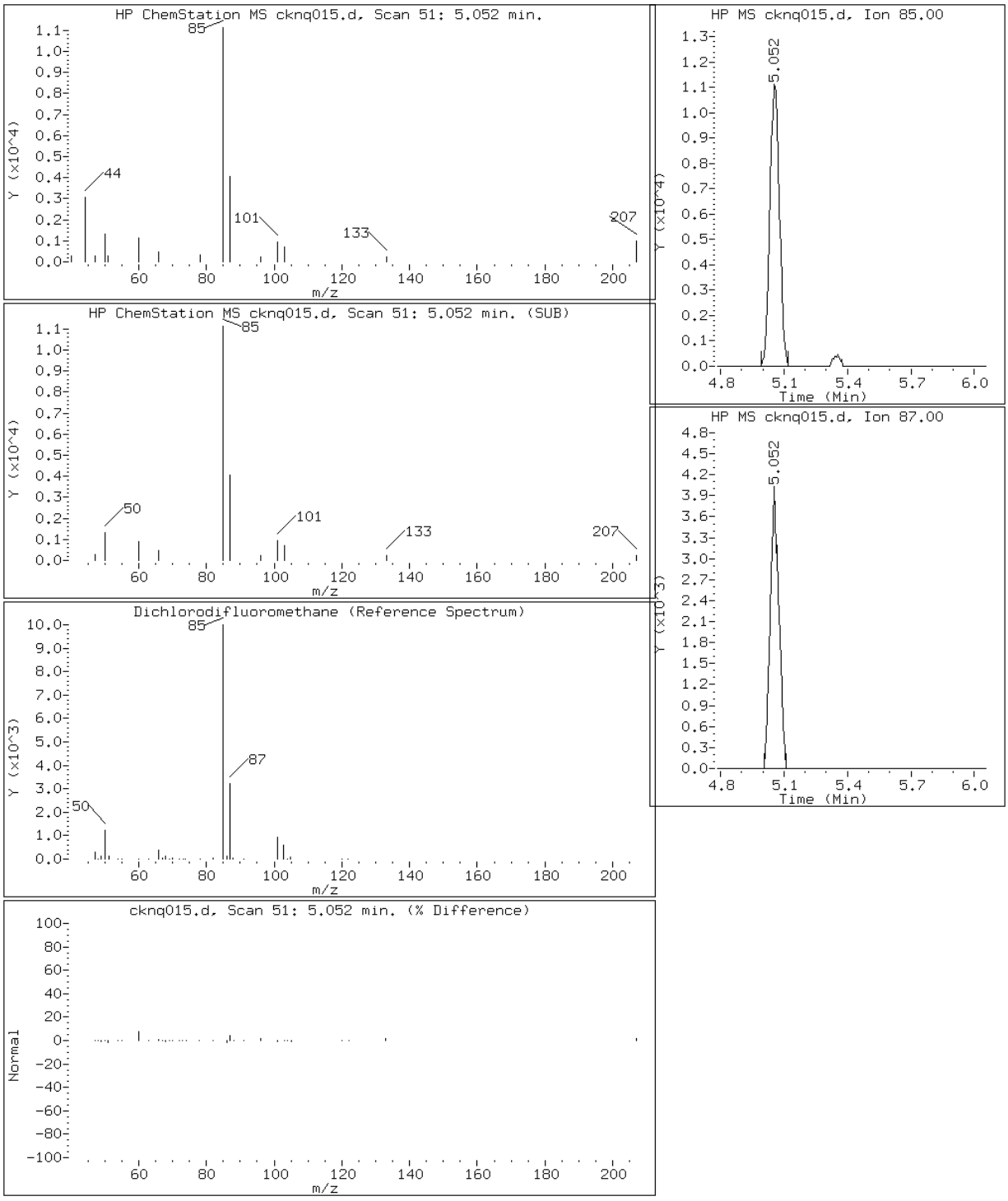
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

2 Dichlorodifluoromethane



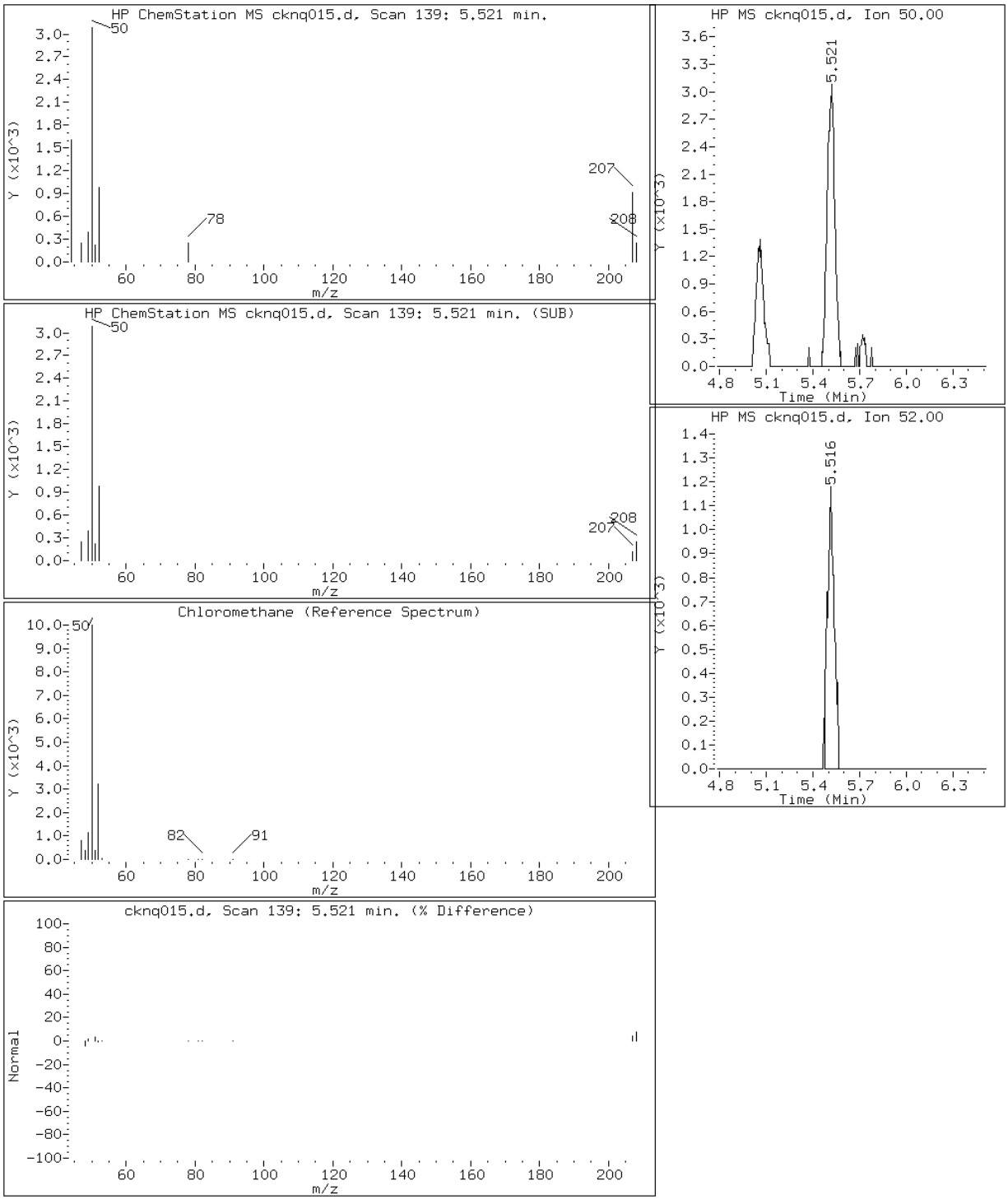
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

5 Chloromethane



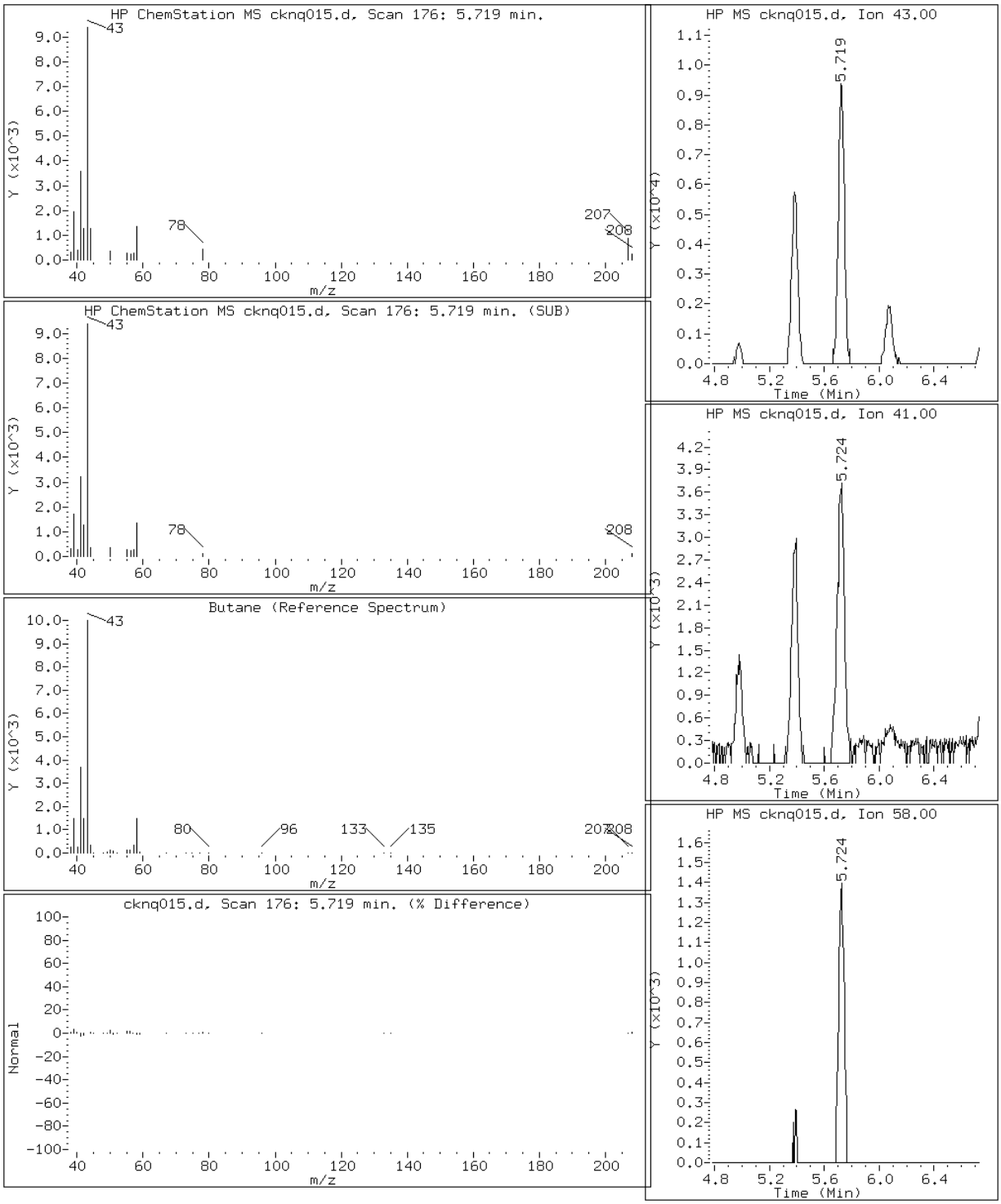
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

6 Butane



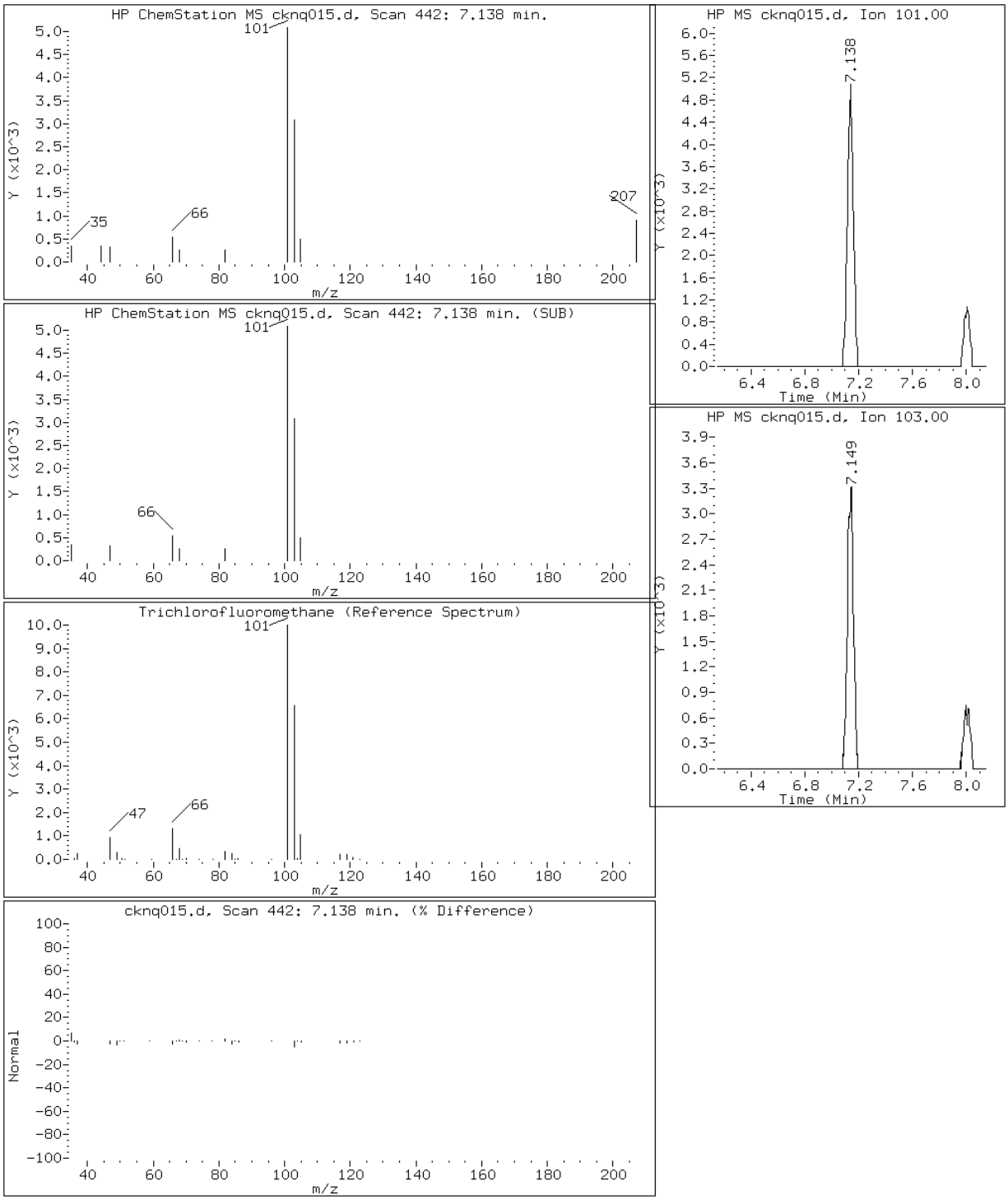
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

13 Trichlorofluoromethane



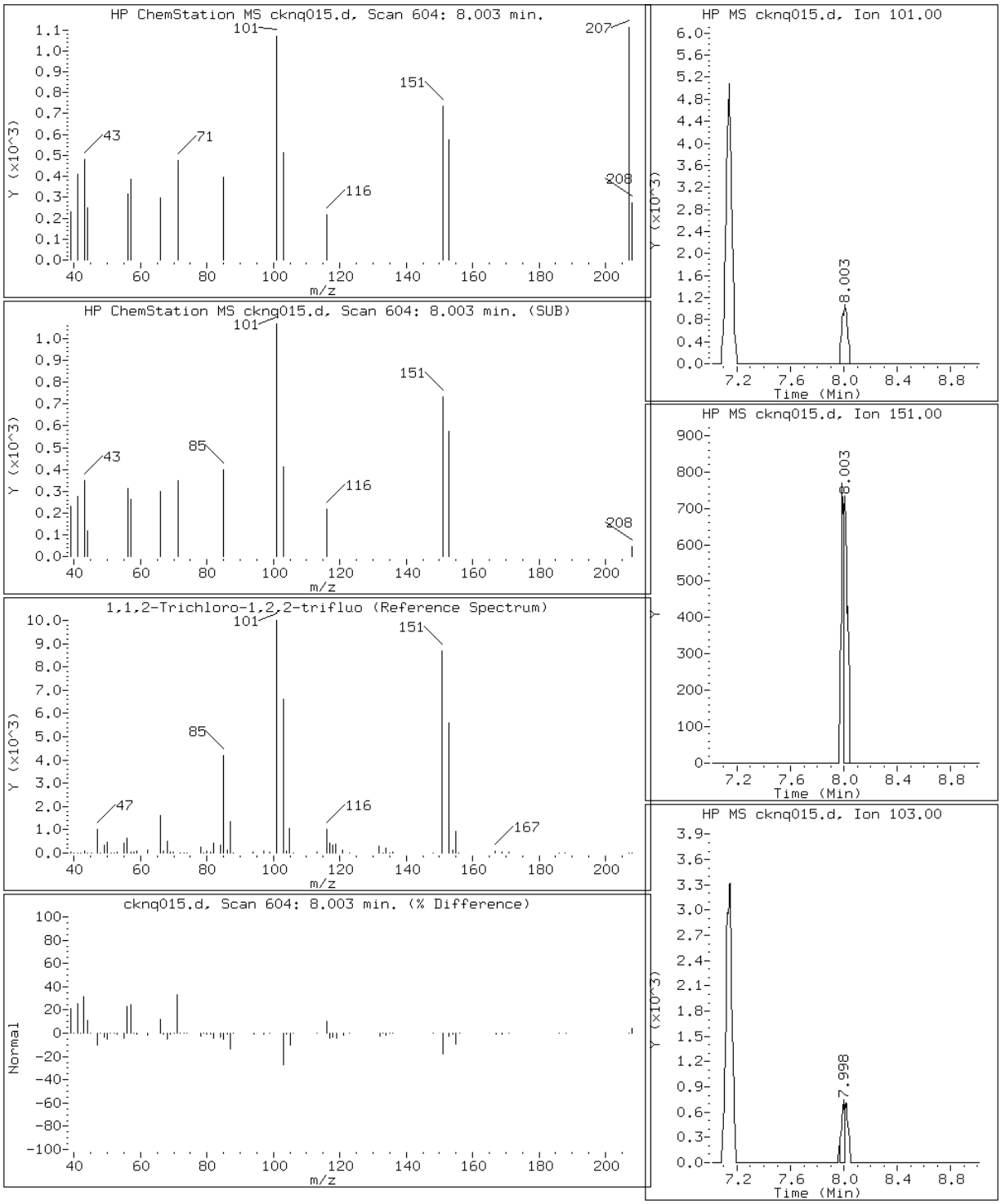
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

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



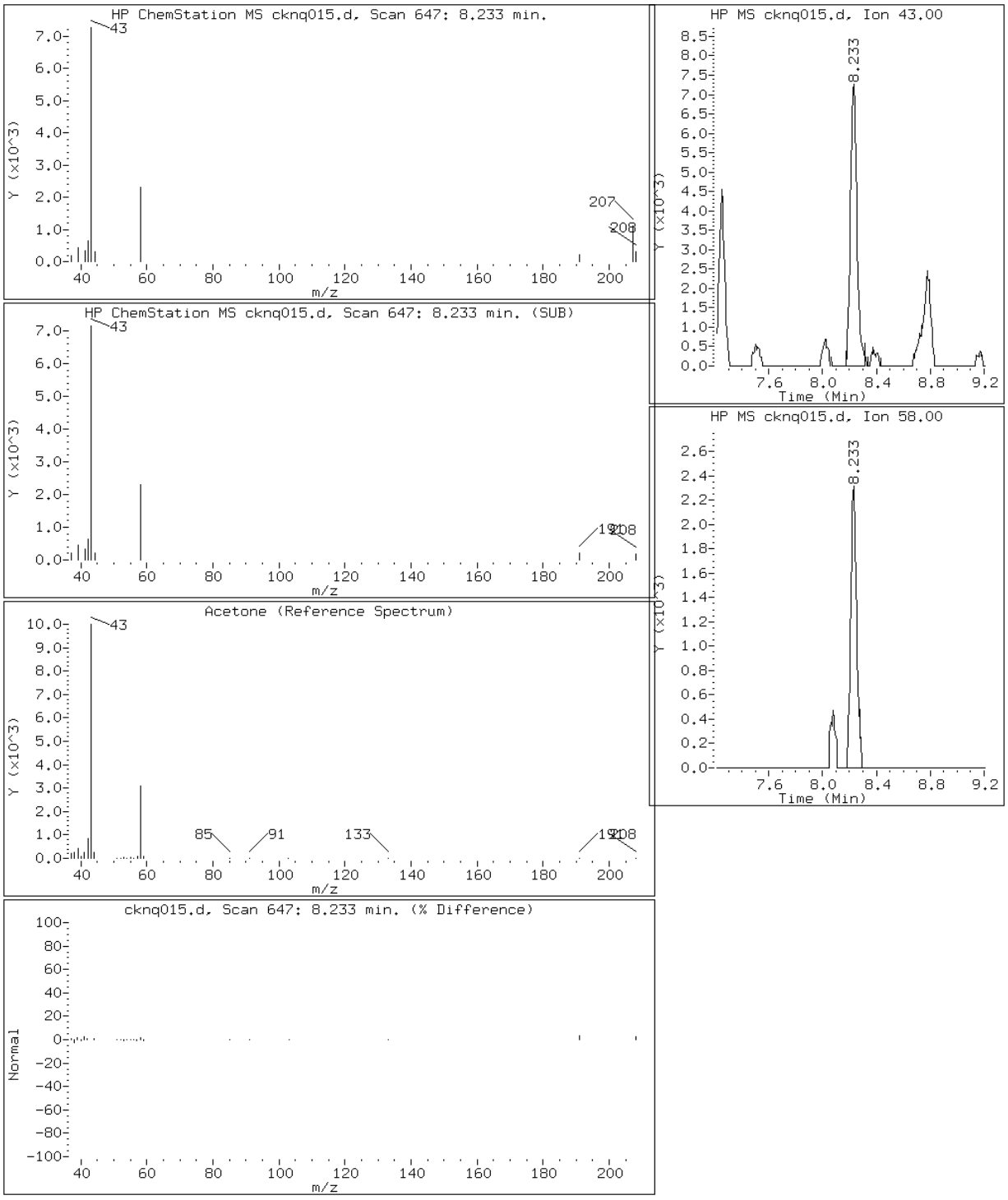
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

20 Acetone



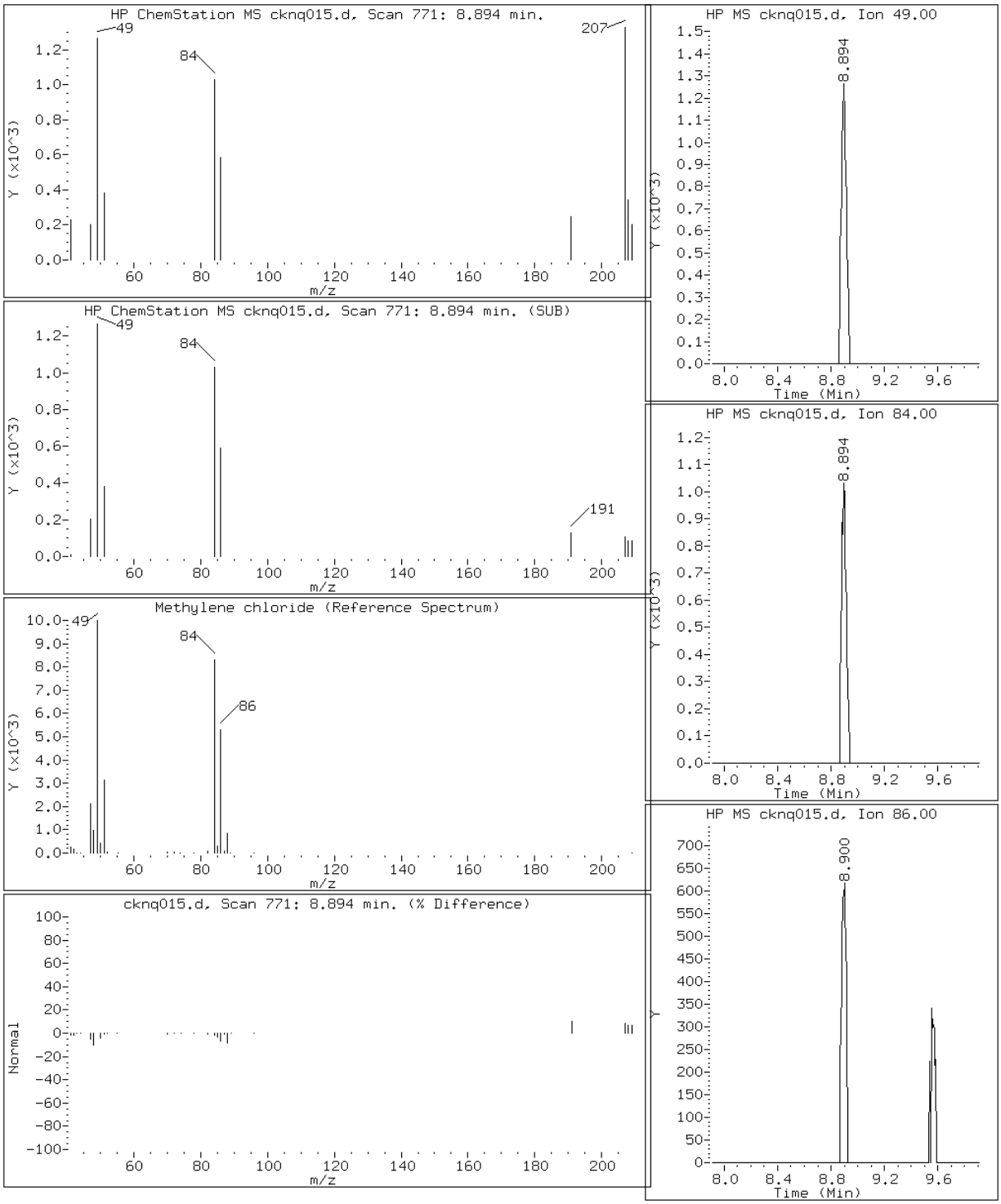
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

25 Methylene chloride



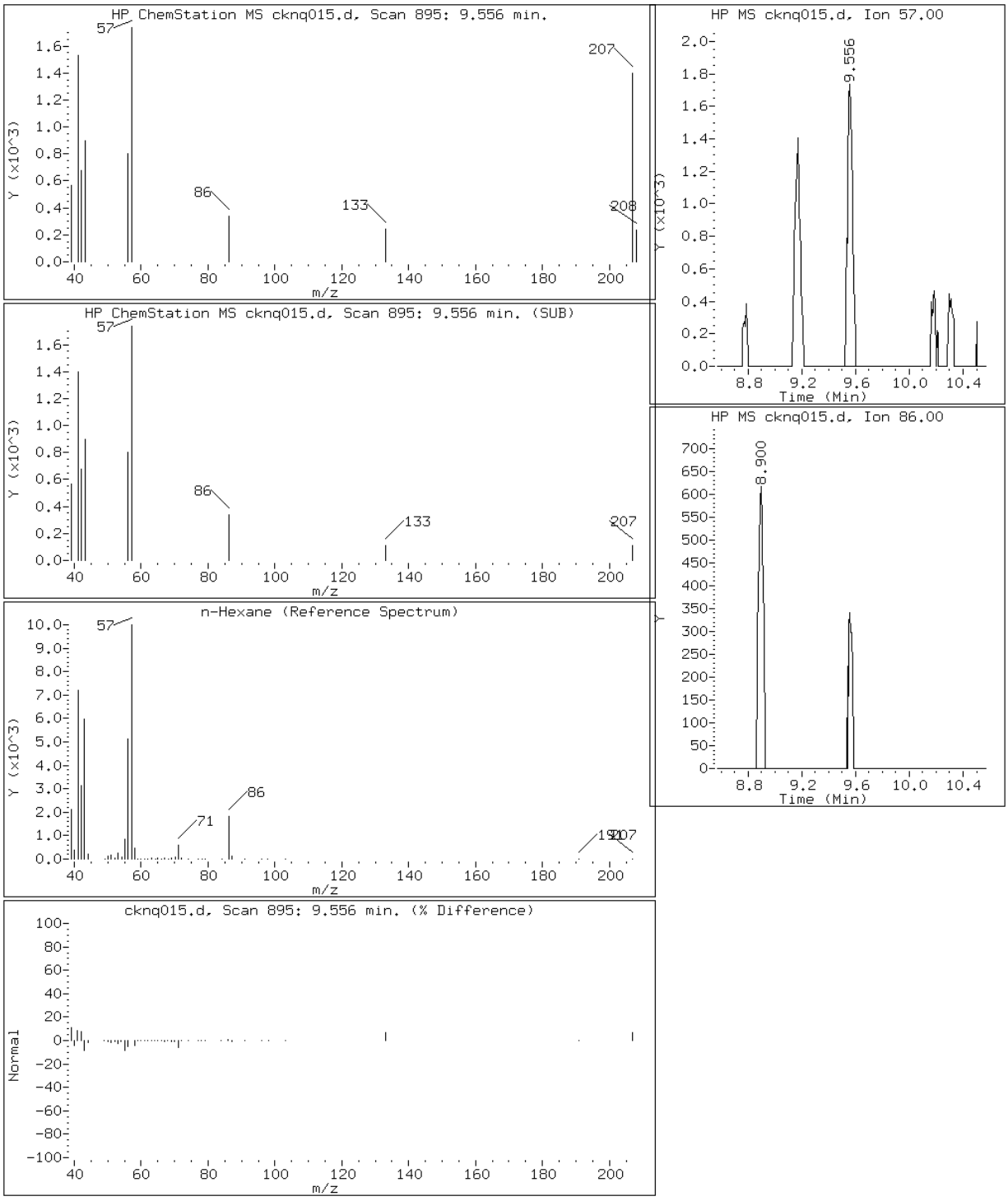
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

30 n-Hexane



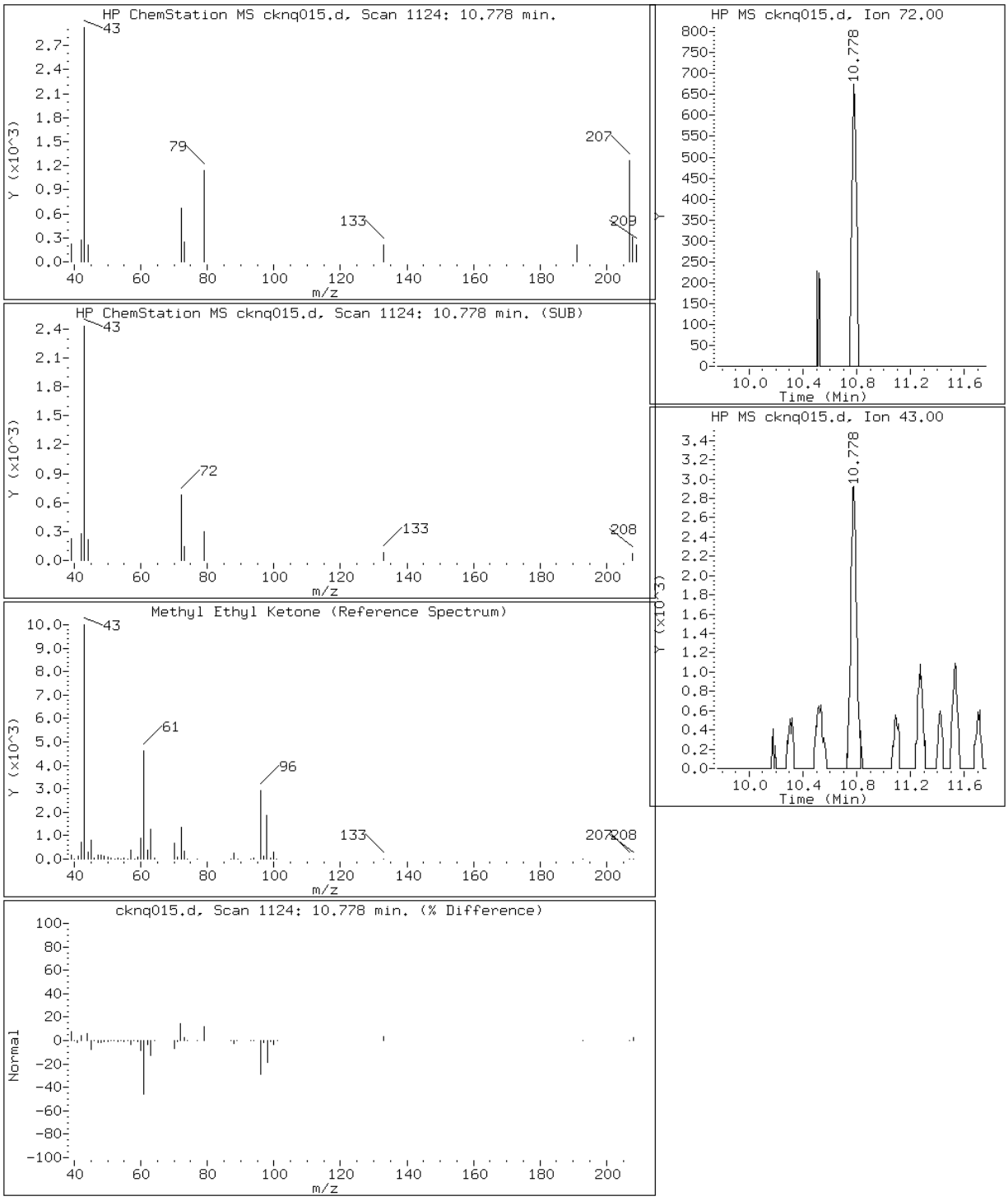
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

36 Methyl Ethyl Ketone



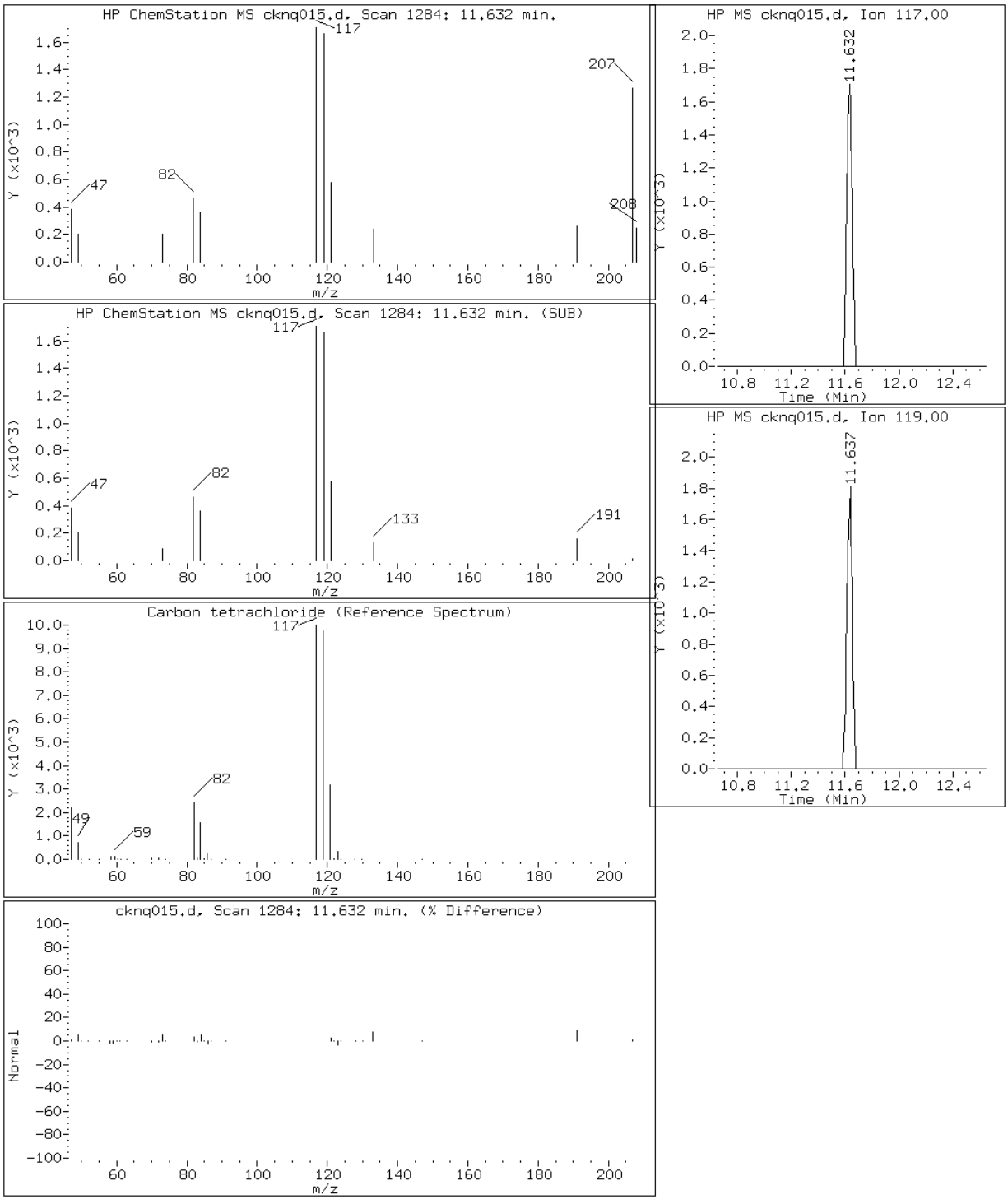
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

42 Carbon tetrachloride



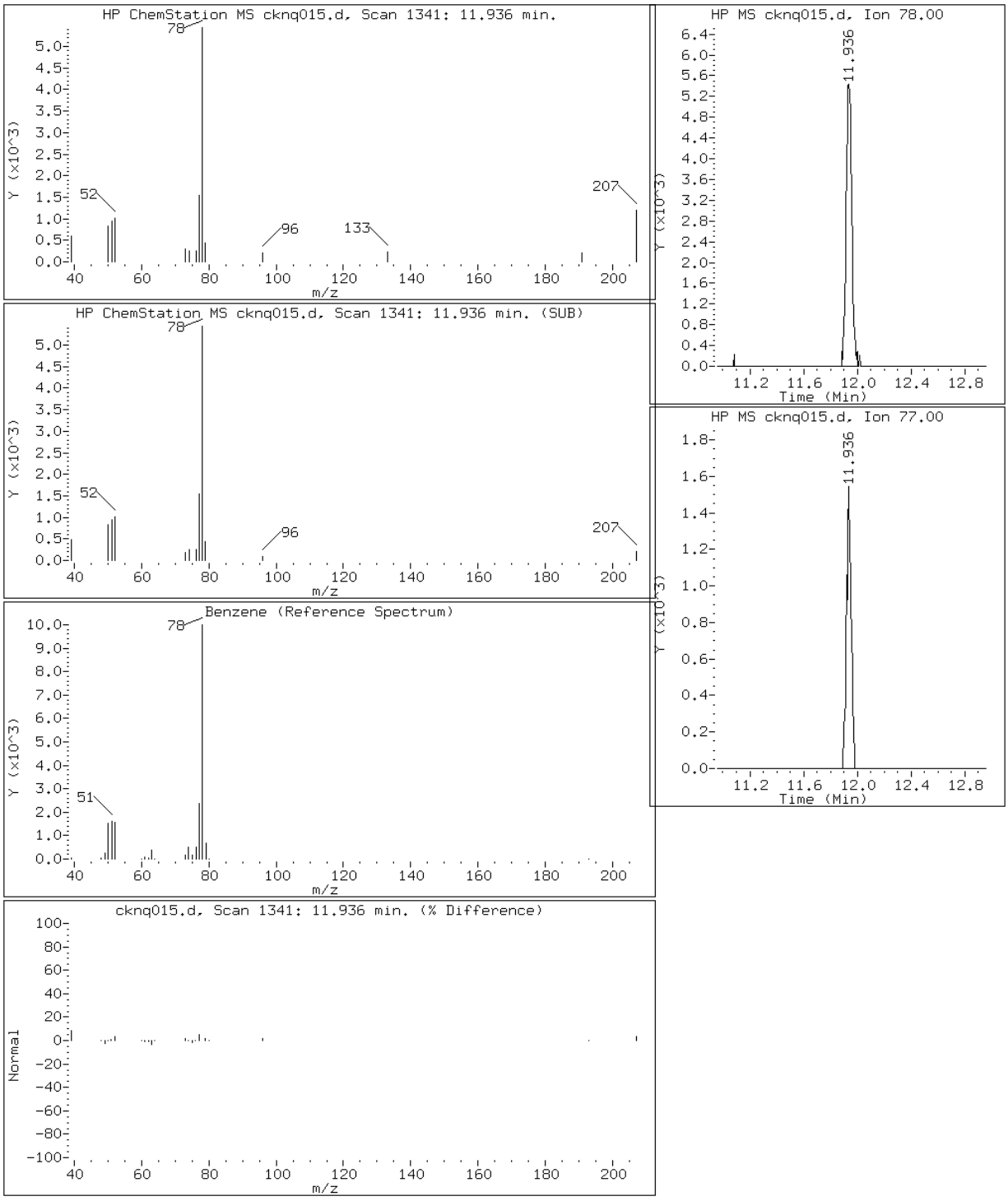
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

44 Benzene



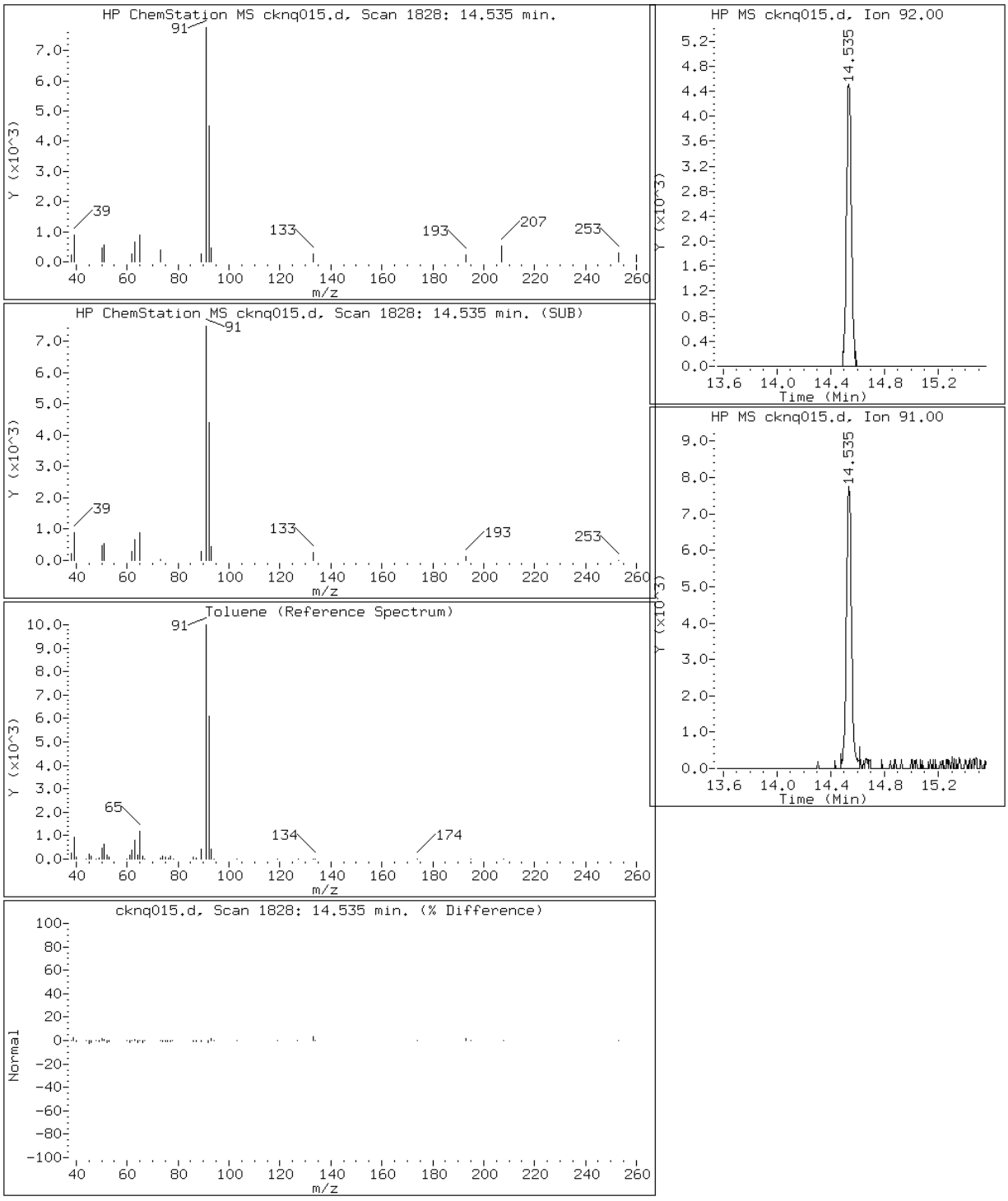
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

58 Toluene



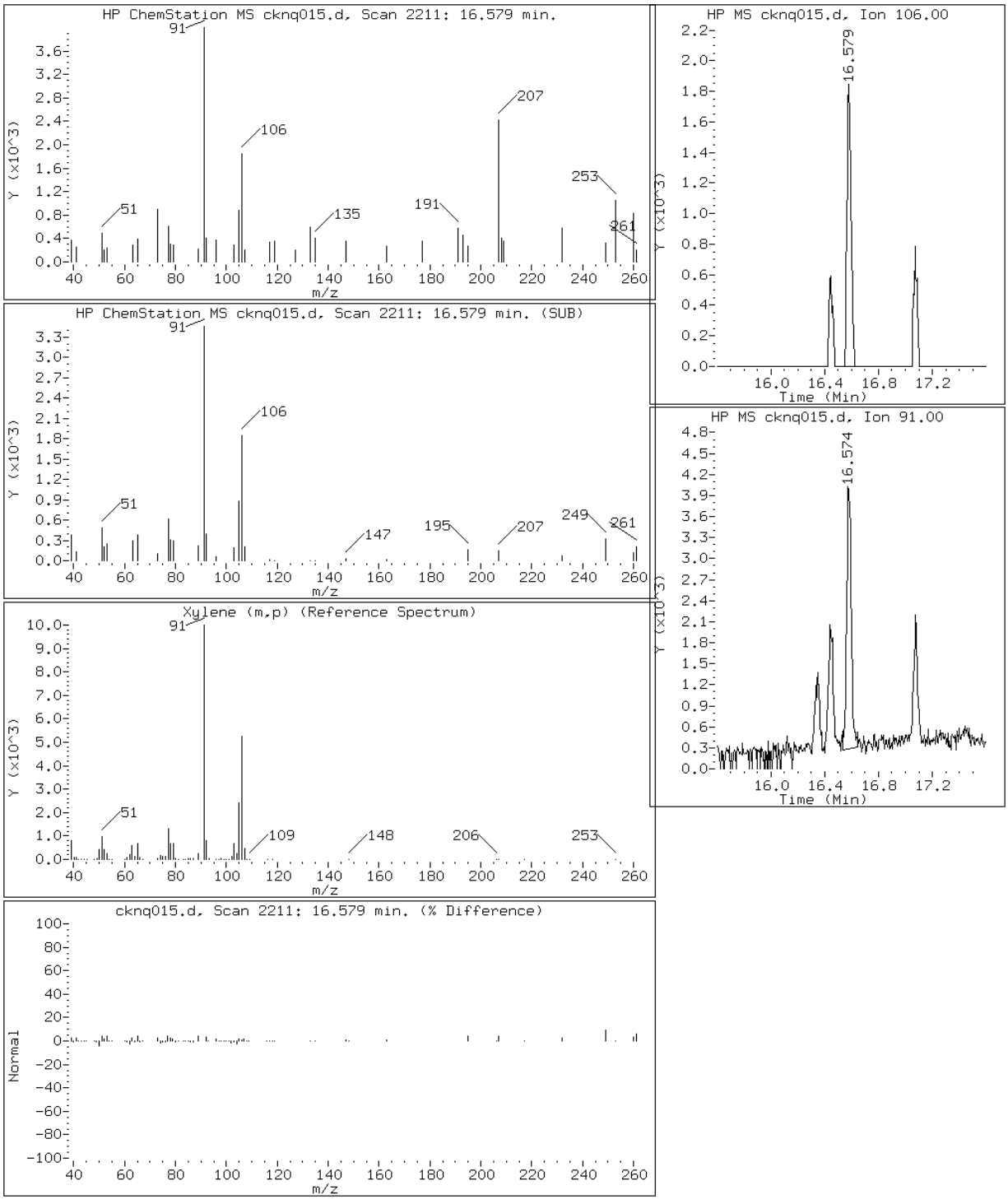
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Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

69 Xylene (m,p)



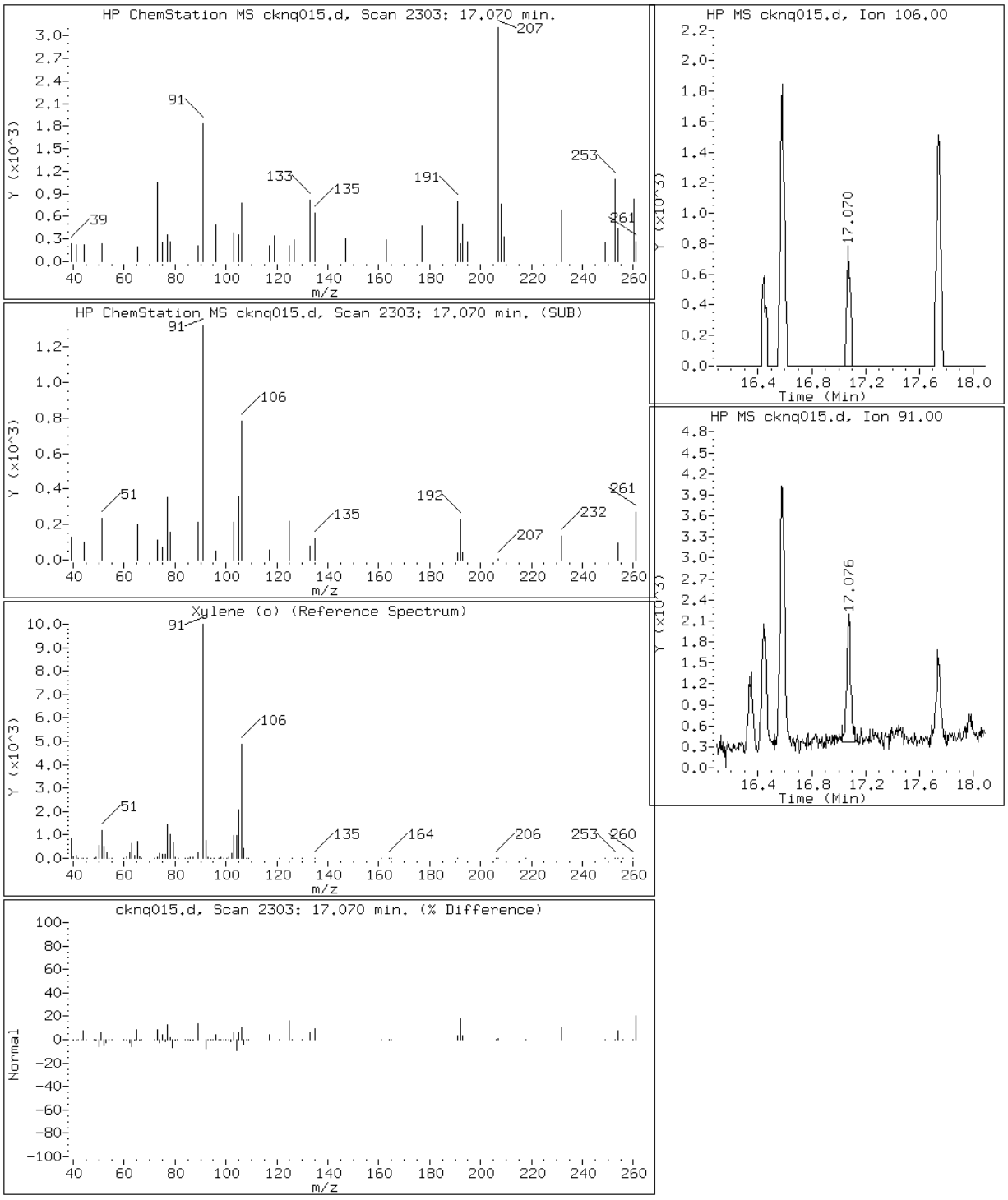
Data File: cknq015.d

Lab Sample ID: 280-25116-8 Date: 06-FEB-2012 20:57

Client ID: 774776OA1GA Instrument: C.i

Sample Info: 280-25116-A-8 Operator: wrd

71 Xylene (o)



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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776IA1FA Lab Sample ID: 280-25116-9

Matrix: Air Lab File ID: cknr020.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:55

Sample wt/vol: 133(mL) Date Analyzed: 02/08/2012 02:30

Soil Aliquot Vol: Dilution Factor: 1.5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.65	J	0.75	0.057
75-45-6	Freon 22	86.47	4.2		0.75	0.051
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.12	U	0.30	0.048
74-87-3	Chloromethane	50.49	0.70	J	0.75	0.020
106-97-8	n-Butane	58.12	1.0		0.75	0.017
75-01-4	Vinyl chloride	62.50	0.12	U	0.30	0.044
106-99-0	1,3-Butadiene	54.09	0.060	U	0.30	0.015
74-83-9	Bromomethane	94.94	0.060	U	0.30	0.018
75-00-3	Chloroethane	64.52	0.060	U	0.75	0.024
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.060	U	0.30	0.029
75-69-4	Trichlorofluoromethane	137.37	0.25	J	0.30	0.051
76-13-1	Freon TF	187.38	0.060	U	0.30	0.015
75-35-4	1,1-Dichloroethene	96.94	0.12	U	0.30	0.045
67-64-1	Acetone	58.08	7.7		7.5	0.068
67-63-0	Isopropyl alcohol	60.10	42		7.5	0.056
75-15-0	Carbon disulfide	76.14	0.30	U	0.75	0.099
107-05-1	3-Chloropropene	76.53	0.060	U	0.75	0.029
75-09-2	Methylene Chloride	84.93	0.060	U	0.75	0.020
75-65-0	tert-Butyl alcohol	74.12	0.19	J M	7.5	0.11
1634-04-4	Methyl tert-butyl ether	88.15	0.060	U	0.30	0.024
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	U	0.30	0.048
110-54-3	n-Hexane	86.17	0.12	U	0.30	0.039
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.30	0.053
78-93-3	Methyl Ethyl Ketone	72.11	0.29	J	0.75	0.026
156-59-2	cis-1,2-Dichloroethene	96.94	0.060	U	0.30	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.060	U	0.30	0.021
67-66-3	Chloroform	119.38	0.065	J	0.30	0.047
109-99-9	Tetrahydrofuran	72.11	0.060	U	7.5	0.027
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.30	0.053
110-82-7	Cyclohexane	84.16	0.20	U	0.30	0.059
56-23-5	Carbon tetrachloride	153.81	0.091	J	0.30	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.064	J	0.30	0.054
71-43-2	Benzene	78.11	0.21	J	0.30	0.027
107-06-2	1,2-Dichloroethane	98.96	0.12	U	0.30	0.047
142-82-5	n-Heptane	100.21	0.10	J	0.30	0.015

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776IA1FA Lab Sample ID: 280-25116-9

Matrix: Air Lab File ID: cknr020.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:55

Sample wt/vol: 133(mL) Date Analyzed: 02/08/2012 02:30

Soil Aliquot Vol: Dilution Factor: 1.5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.076	J	0.30	0.045
80-62-6	Methyl methacrylate	100.12	0.060	U	0.75	0.020
78-87-5	1,2-Dichloropropane	112.99	0.060	U	0.30	0.021
123-91-1	1,4-Dioxane	88.11	0.48	U	7.5	0.13
75-27-4	Bromodichloromethane	163.83	0.12	U	0.30	0.042
10061-01-5	cis-1,3-Dichloropropene	110.97	0.060	U	0.30	0.024
108-10-1	methyl isobutyl ketone	100.16	0.20	J	0.75	0.039
108-88-3	Toluene	92.14	0.35		0.30	0.027
10061-02-6	trans-1,3-Dichloropropene	110.97	0.12	U	0.30	0.030
79-00-5	1,1,2-Trichloroethane	133.41	0.060	U	0.30	0.029
127-18-4	Tetrachloroethene	165.83	0.060	U	0.30	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	U	0.75	0.059
124-48-1	Dibromochloromethane	208.29	0.12	U	0.30	0.032
106-93-4	1,2-Dibromoethane	187.87	0.060	U	0.30	0.027
108-90-7	Chlorobenzene	112.30	0.12	U	0.30	0.030
100-41-4	Ethylbenzene	106.17	0.11	J	0.30	0.033
179601-23-1	m,p-Xylene	106.17	0.24	J	0.75	0.072
95-47-6	Xylene, o-	106.17	0.11	J	0.30	0.033
1330-20-7	Xylene (total)	106.17	0.34		0.30	0.033
100-42-5	Styrene	104.15	0.078	J	0.30	0.045
75-25-2	Bromoform	252.75	0.060	U	0.30	0.029
98-82-8	Cumene	120.19	0.12	U	0.30	0.047
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.30	0.060
103-65-1	n-Propylbenzene	120.19	0.30	U	0.30	0.075
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.30	0.069
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.30	0.077
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.30	0.071
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.30	0.071
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.30	0.078
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.30	0.071
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.30	0.072
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.30	0.066
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.30	0.066
100-44-7	Benzyl chloride	126.58	0.20	U	0.30	0.069
104-51-8	n-Butylbenzene	134.22	0.20	U	0.30	0.083

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776IA1FA Lab Sample ID: 280-25116-9

Matrix: Air Lab File ID: cknr020.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:55

Sample wt/vol: 133(mL) Date Analyzed: 02/08/2012 02:30

Soil Aliquot Vol: Dilution Factor: 1.5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.30	0.072
120-82-1	1,2,4-Trichlorobenzene	181.45	0.20	U	0.75	0.075
87-68-3	Hexachlorobutadiene	260.76	0.30	U	0.30	0.098
91-20-3	Naphthalene	128.17	0.14	J	0.75	0.13

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776IA1FA Lab Sample ID: 280-25116-9

Matrix: Air Lab File ID: cknr020.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:55

Sample wt/vol: 133(mL) Date Analyzed: 02/08/2012 02:30

Soil Aliquot Vol: Dilution Factor: 1.5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	3.2	J	3.7	0.28
75-45-6	Freon 22	86.47	15		2.7	0.18
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.84	U	2.1	0.34
74-87-3	Chloromethane	50.49	1.4	J	1.5	0.040
106-97-8	n-Butane	58.12	2.4		1.8	0.039
75-01-4	Vinyl chloride	62.50	0.31	U	0.77	0.11
106-99-0	1,3-Butadiene	54.09	0.13	U	0.66	0.033
74-83-9	Bromomethane	94.94	0.23	U	1.2	0.070
75-00-3	Chloroethane	64.52	0.16	U	2.0	0.063
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.26	U	1.3	0.12
75-69-4	Trichlorofluoromethane	137.37	1.4	J	1.7	0.29
76-13-1	Freon TF	187.38	0.46	U	2.3	0.11
75-35-4	1,1-Dichloroethene	96.94	0.48	U	1.2	0.18
67-64-1	Acetone	58.08	18		18	0.16
67-63-0	Isopropyl alcohol	60.10	100		18	0.14
75-15-0	Carbon disulfide	76.14	0.93	U	2.3	0.31
107-05-1	3-Chloropropene	76.53	0.19	U	2.3	0.089
75-09-2	Methylene Chloride	84.93	0.21	U	2.6	0.068
75-65-0	tert-Butyl alcohol	74.12	0.56	J M	23	0.32
1634-04-4	Methyl tert-butyl ether	88.15	0.22	U	1.1	0.087
156-60-5	trans-1,2-Dichloroethene	96.94	0.48	U	1.2	0.19
110-54-3	n-Hexane	86.17	0.42	U	1.1	0.14
75-34-3	1,1-Dichloroethane	98.96	0.79	U	1.2	0.21
78-93-3	Methyl Ethyl Ketone	72.11	0.84	J	2.2	0.075
156-59-2	cis-1,2-Dichloroethene	96.94	0.24	U	1.2	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	0.24	U	1.2	0.083
67-66-3	Chloroform	119.38	0.32	J	1.5	0.23
109-99-9	Tetrahydrofuran	72.11	0.18	U	22	0.080
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.6	0.29
110-82-7	Cyclohexane	84.16	0.67	U	1.0	0.20
56-23-5	Carbon tetrachloride	153.81	0.57	J	1.9	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.30	J	1.4	0.25
71-43-2	Benzene	78.11	0.67	J	0.96	0.086
107-06-2	1,2-Dichloroethane	98.96	0.49	U	1.2	0.19
142-82-5	n-Heptane	100.21	0.43	J	1.2	0.061

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776IA1FA Lab Sample ID: 280-25116-9

Matrix: Air Lab File ID: cknr020.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:55

Sample wt/vol: 133(mL) Date Analyzed: 02/08/2012 02:30

Soil Aliquot Vol: Dilution Factor: 1.5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.41	J	1.6	0.24
80-62-6	Methyl methacrylate	100.12	0.25	U	3.1	0.080
78-87-5	1,2-Dichloropropane	112.99	0.28	U	1.4	0.097
123-91-1	1,4-Dioxane	88.11	1.7	U	27	0.48
75-27-4	Bromodichloromethane	163.83	0.80	U	2.0	0.28
10061-01-5	cis-1,3-Dichloropropene	110.97	0.27	U	1.4	0.11
108-10-1	methyl isobutyl ketone	100.16	0.83	J	3.1	0.16
108-88-3	Toluene	92.14	1.3		1.1	0.10
10061-02-6	trans-1,3-Dichloropropene	110.97	0.54	U	1.4	0.14
79-00-5	1,1,2-Trichloroethane	133.41	0.33	U	1.6	0.16
127-18-4	Tetrachloroethene	165.83	0.41	U	2.0	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.80	U	3.1	0.24
124-48-1	Dibromochloromethane	208.29	1.0	U	2.6	0.27
106-93-4	1,2-Dibromoethane	187.87	0.46	U	2.3	0.21
108-90-7	Chlorobenzene	112.30	0.55	U	1.4	0.14
100-41-4	Ethylbenzene	106.17	0.47	J	1.3	0.14
179601-23-1	m,p-Xylene	106.17	1.0	J	3.3	0.31
95-47-6	Xylene, o-	106.17	0.46	J	1.3	0.14
1330-20-7	Xylene (total)	106.17	1.5		1.3	0.14
100-42-5	Styrene	104.15	0.33	J	1.3	0.19
75-25-2	Bromoform	252.75	0.62	U	3.1	0.29
98-82-8	Cumene	120.19	0.59	U	1.5	0.23
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.3	U	2.1	0.41
103-65-1	n-Propylbenzene	120.19	1.5	U	1.5	0.37
622-96-8	4-Ethyltoluene	120.20	0.96	U	1.5	0.34
108-67-8	1,3,5-Trimethylbenzene	120.20	0.96	U	1.5	0.38
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.6	0.37
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.6	0.39
95-63-6	1,2,4-Trimethylbenzene	120.20	0.96	U	1.5	0.38
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.6	0.39
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.6	0.40
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.8	0.40
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.8	0.40
100-44-7	Benzyl chloride	126.58	1.0	U	1.6	0.36
104-51-8	n-Butylbenzene	134.22	1.1	U	1.6	0.45

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 776IA1FA Lab Sample ID: 280-25116-9

Matrix: Air Lab File ID: cknr020.d

Analysis Method: TO-15 Date Collected: 01/25/2012 12:55

Sample wt/vol: 133(mL) Date Analyzed: 02/08/2012 02:30

Soil Aliquot Vol: Dilution Factor: 1.5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.8	0.43
120-82-1	1,2,4-Trichlorobenzene	181.45	1.4	U	5.6	0.56
87-68-3	Hexachlorobutadiene	260.76	3.2	U	3.2	1.0
91-20-3	Naphthalene	128.17	0.71	J	3.9	0.68

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-9
Client Smp ID: 776IA1FA
Inj Date : 08-FEB-2012 02:30
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-9
Misc Info : 133,1.50, all74
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 3
Dil Factor: 1.50000
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	1.50000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	133.00000	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	5.057	5.057	(0.455)	27667	0.43273	0.65(a)
3 Chlorodifluoromethane	51	5.100	5.100	(0.459)	96168	2.80310	4.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.516	5.516	(0.497)	9016	0.46528	0.70(a)
6 Butane	43	5.724	5.730	(0.516)	26461	0.68560	1.0(Q)
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	7.144	7.149	(0.643)	10766	0.16624	0.25(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	8.201	8.211	(0.739)	165044	5.10655	7.7
21 Carbon disulfide	76	Compound Not Detected.					

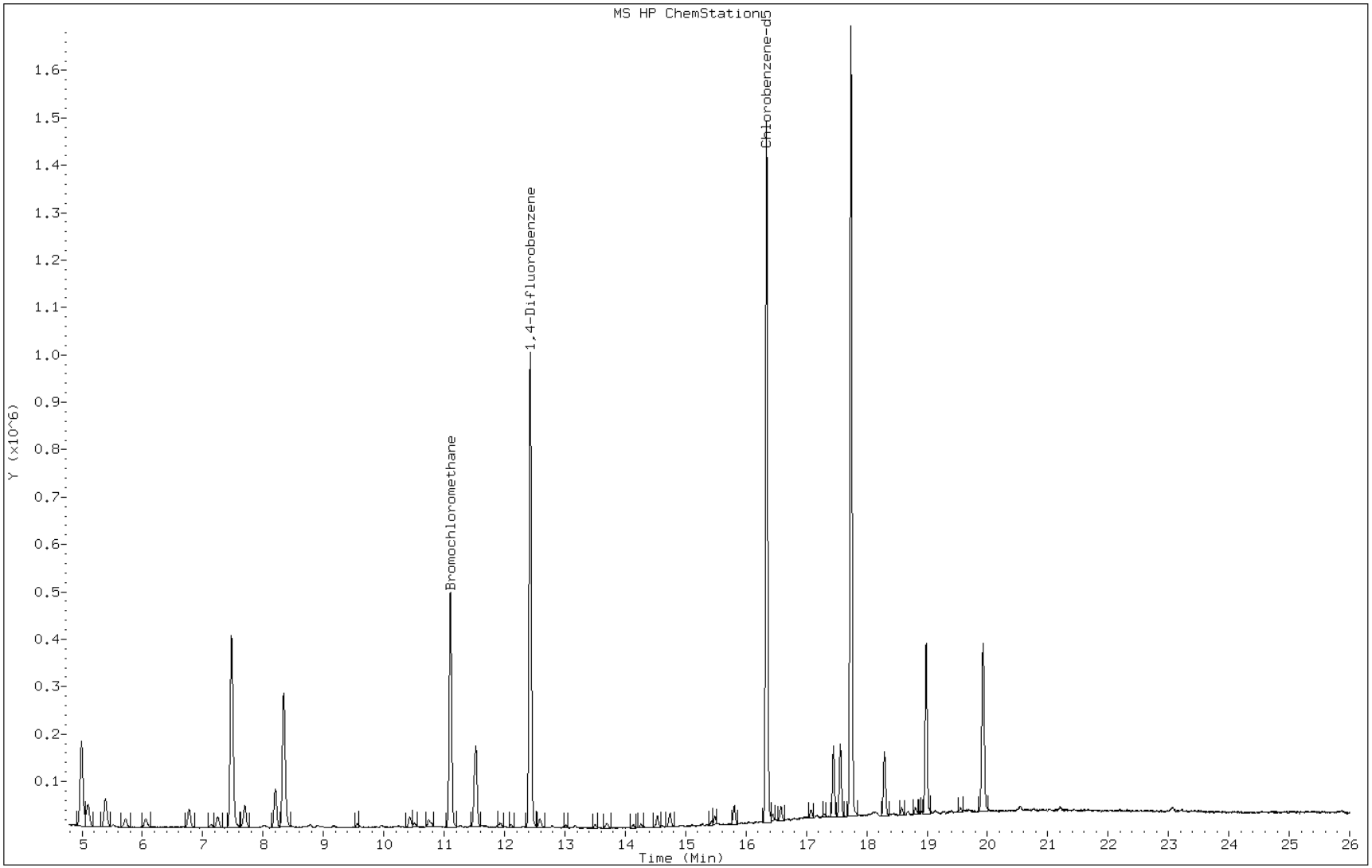
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.339	8.350	(0.751)	623570	28.1144	42
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	8.975	8.969	(0.808)	4073	0.12358	0.19(aQM)
	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	10.752	10.762	(0.968)	2259	0.19072	0.29(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	198179	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	11.157	11.173	(1.005)	2239	0.04313	0.065(a)
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.622	11.648	(0.935)	3585	0.06081	0.091(a)
	43 2,2,4-Trimethylpentane	57	11.894	11.904	(0.957)	5392	0.04263	0.064(a)
	44 Benzene	78	11.931	11.958	(0.960)	11314	0.14035	0.21(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.118	12.129	(0.975)	3277	0.06987	0.10(a)
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1131138	10.0000	
	49 Trichloroethene	95	12.790	12.812	(1.029)	1839	0.05092	0.076(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	14.263	14.269	(1.148)	6524	0.13465	0.20(a)
	58 Toluene	92	14.536	14.557	(0.889)	14164	0.23102	0.35
	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	16.345	16.366	(1.000)	1104270	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.446	16.462	(1.006)	9787	0.07211	0.11(a)
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	8525	0.15980	0.24(a)
M	70 Xylenes, Total	106				12089	0.22983	0.34
	71 Xylene (o)	106	17.076	17.092	(1.045)	3564	0.07003	0.11(aQ)
	72 Styrene	104	17.087	17.113	(1.045)	4127	0.05212	0.078(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	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	23.064	23.107	(1.411)	8752	0.09043	0.14(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:	cknr020.d	Date:	08-FEB-2012 02:30
Client ID:	776IA1FA	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-9		
Lab Sample ID:	280-25116-9		



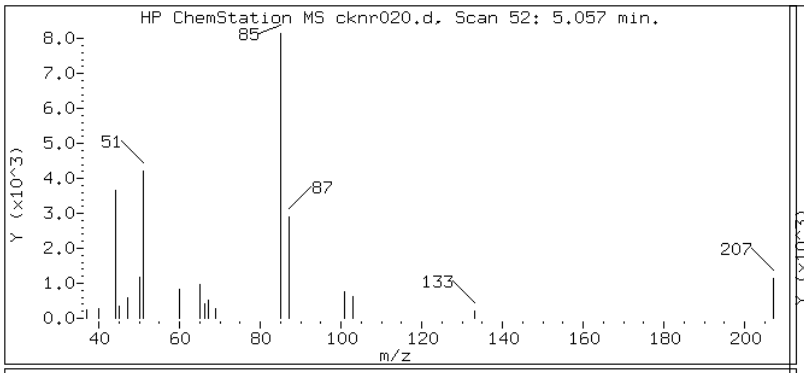
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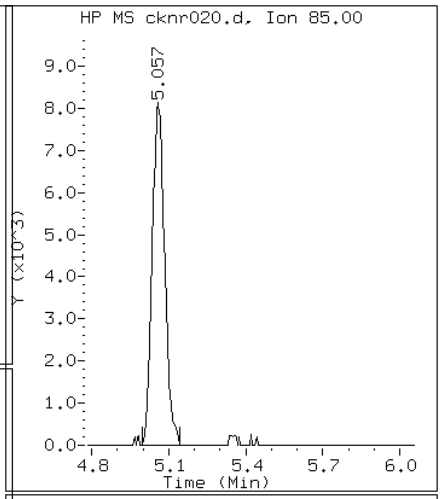
Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

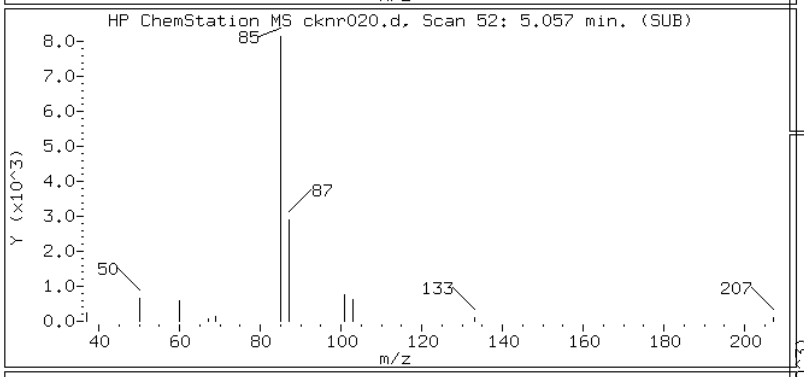
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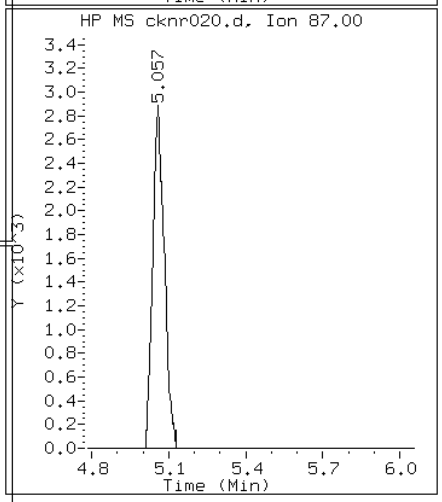
Sample Info: 280-25116-A-9 Operator: wrd

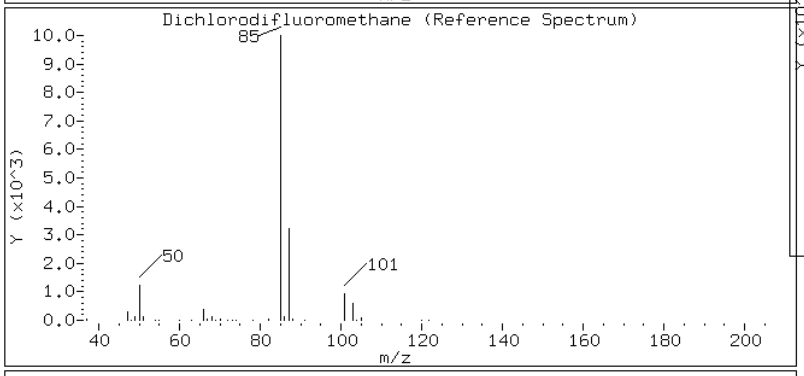
2 Dichlorodifluoromethane

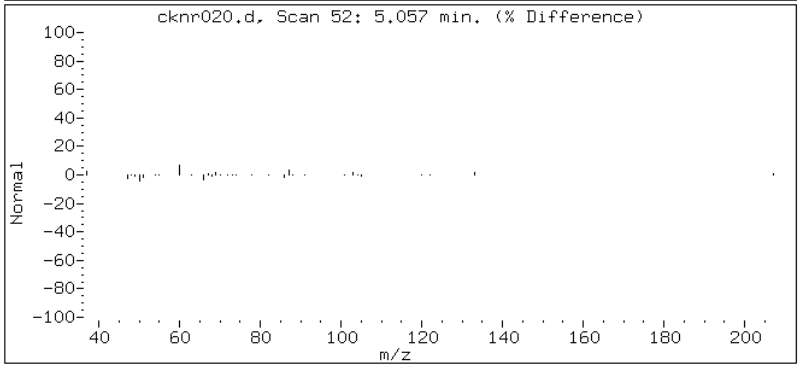












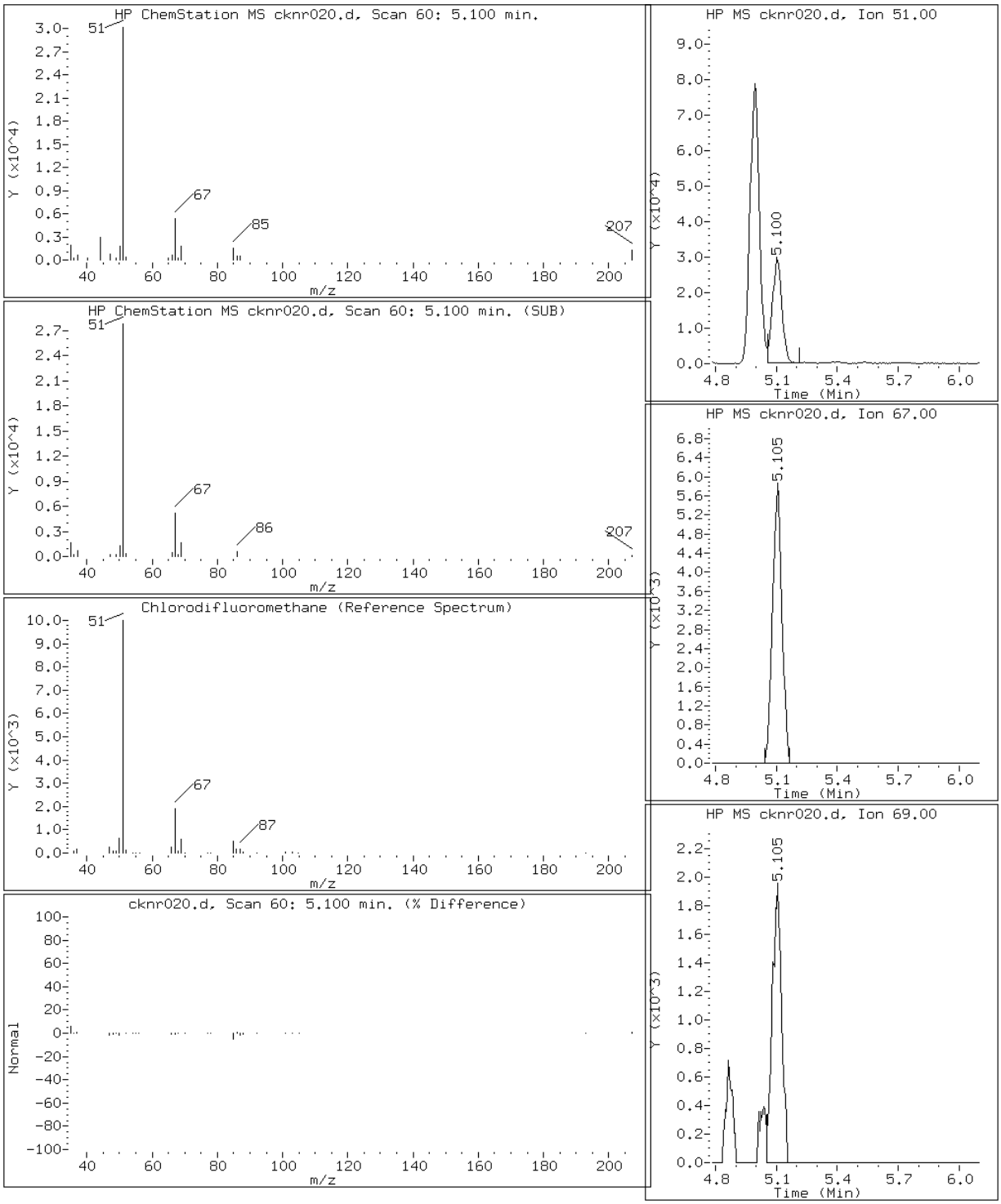
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

3 Chlorodifluoromethane



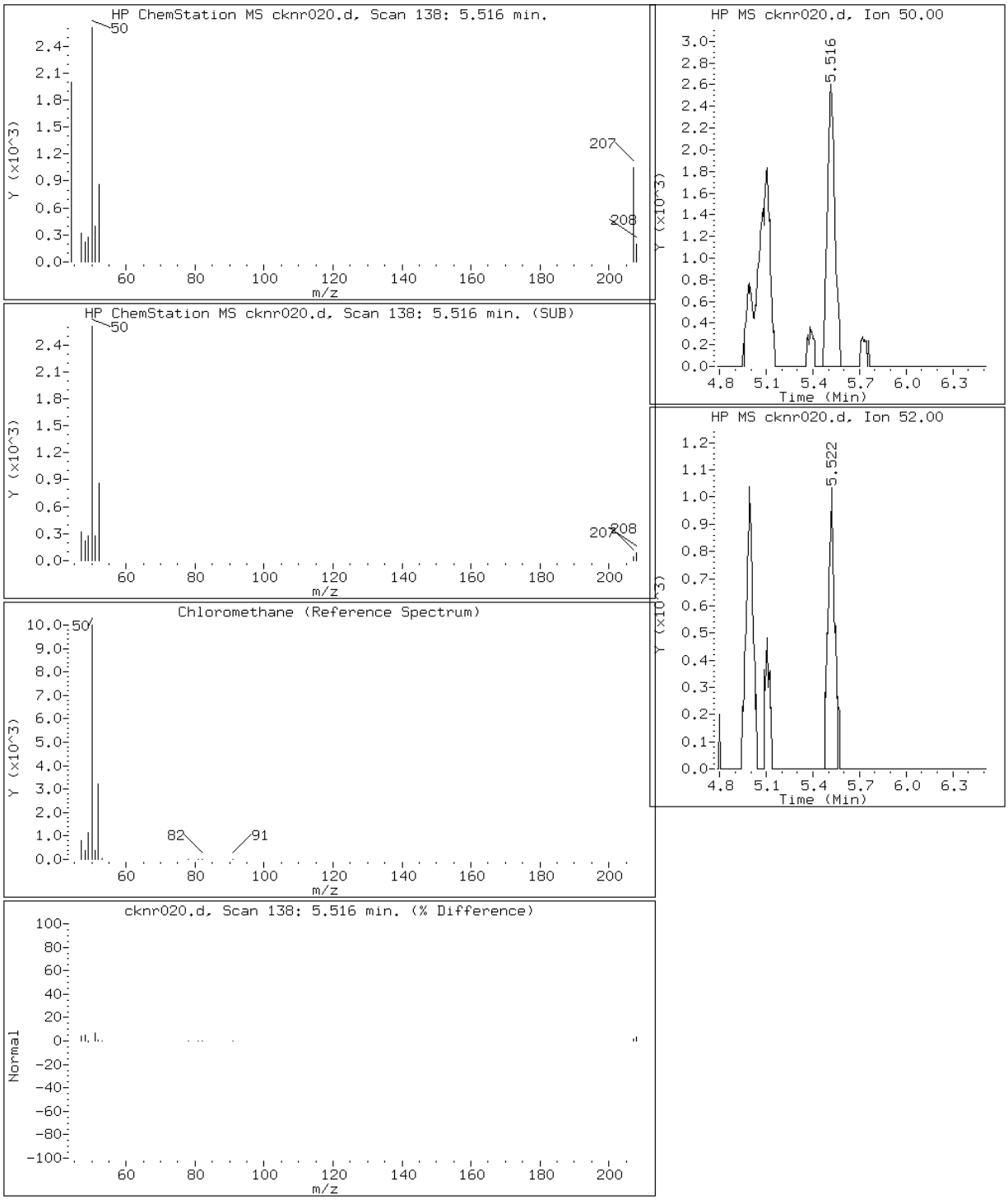
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

5 Chloromethane



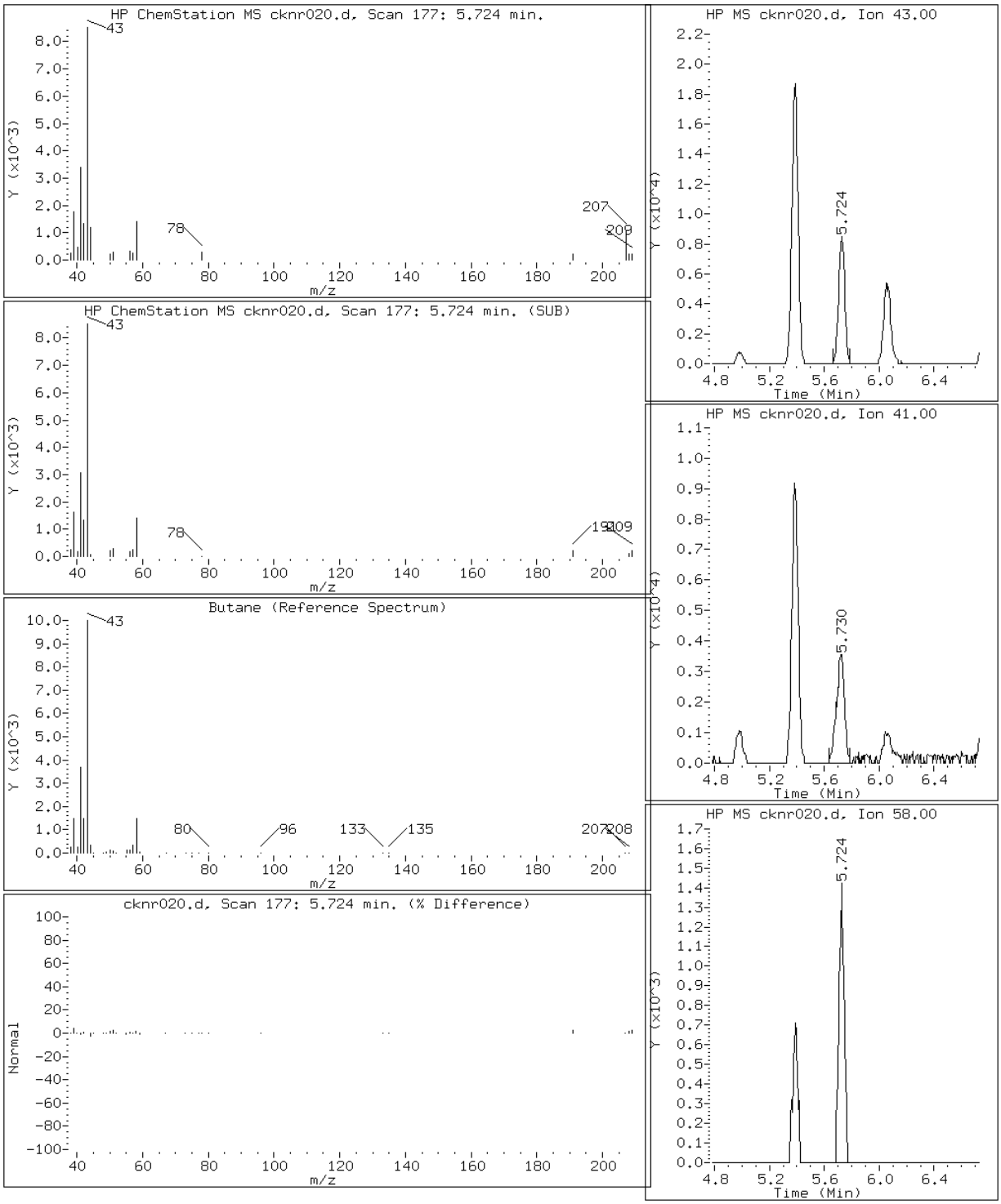
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

6 Butane



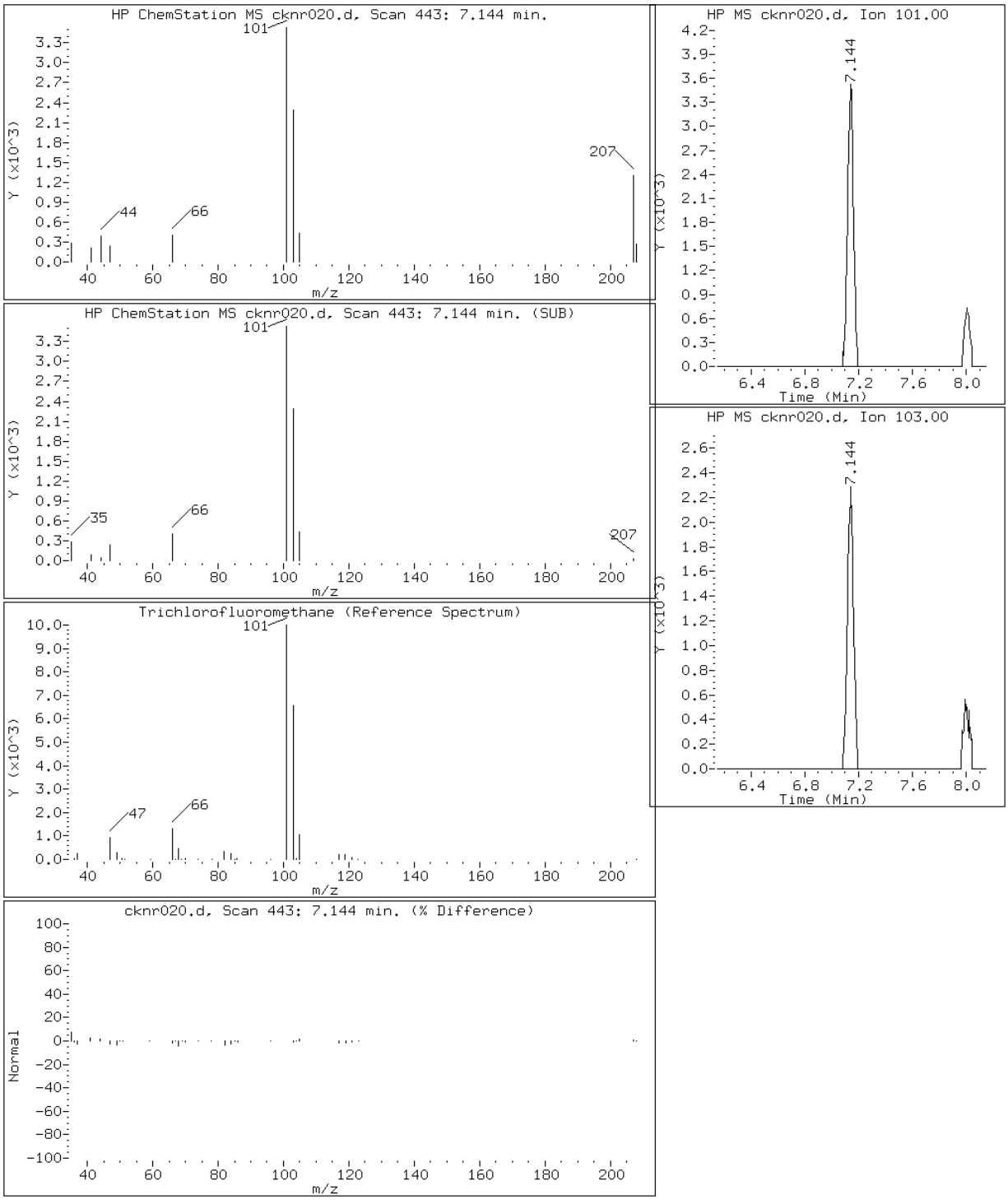
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

13 Trichlorofluoromethane



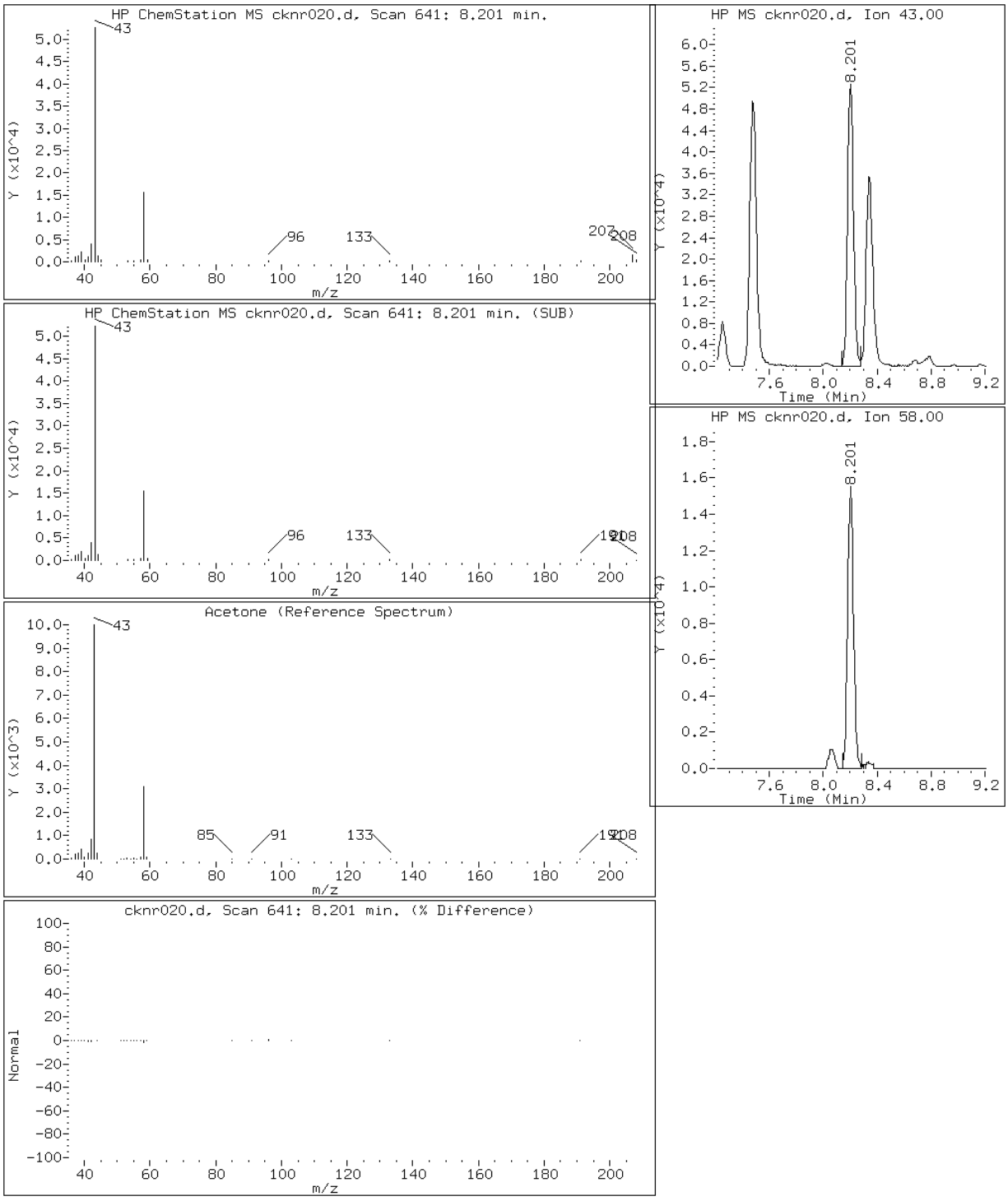
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

20 Acetone



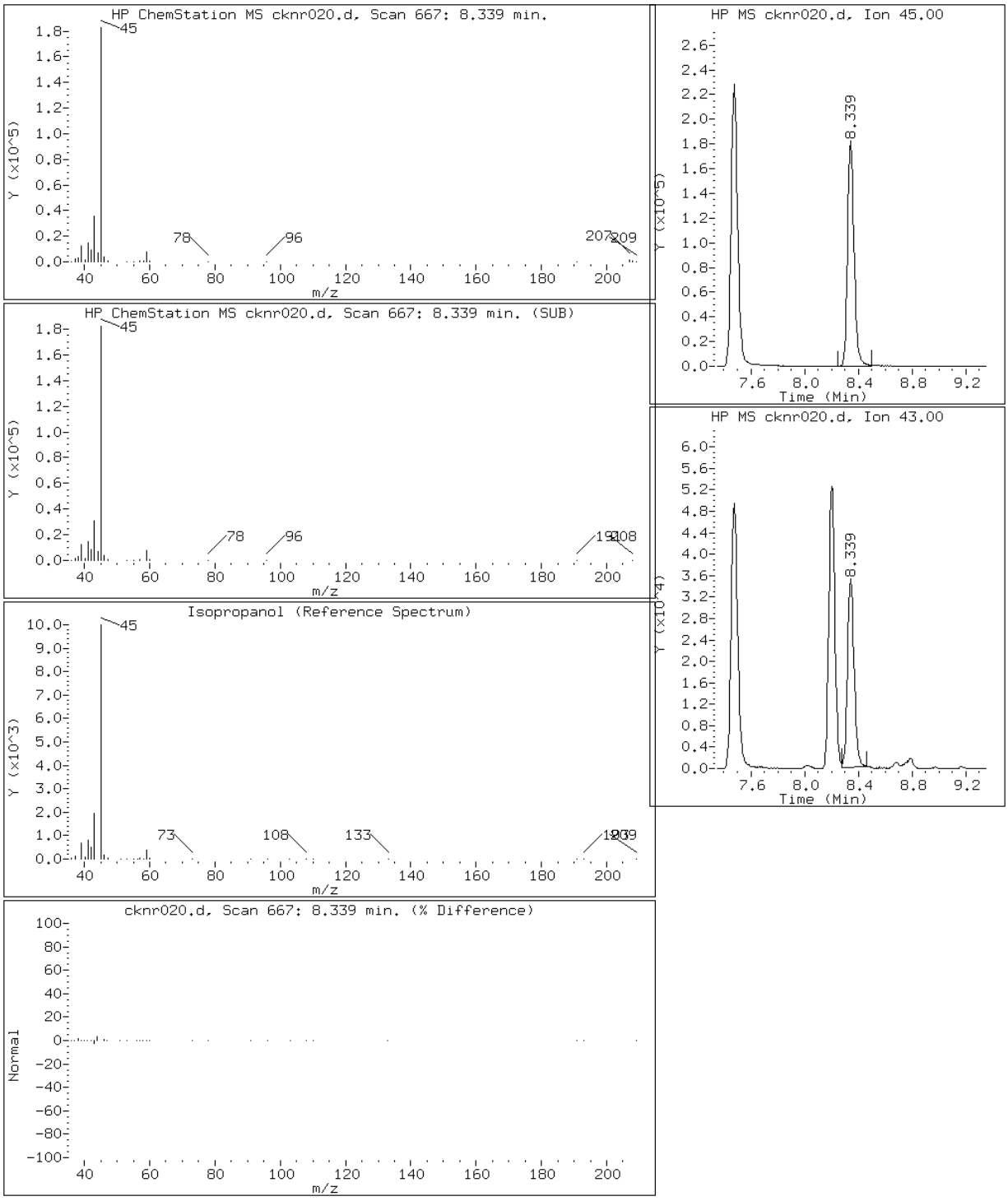
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

22 Isopropanol



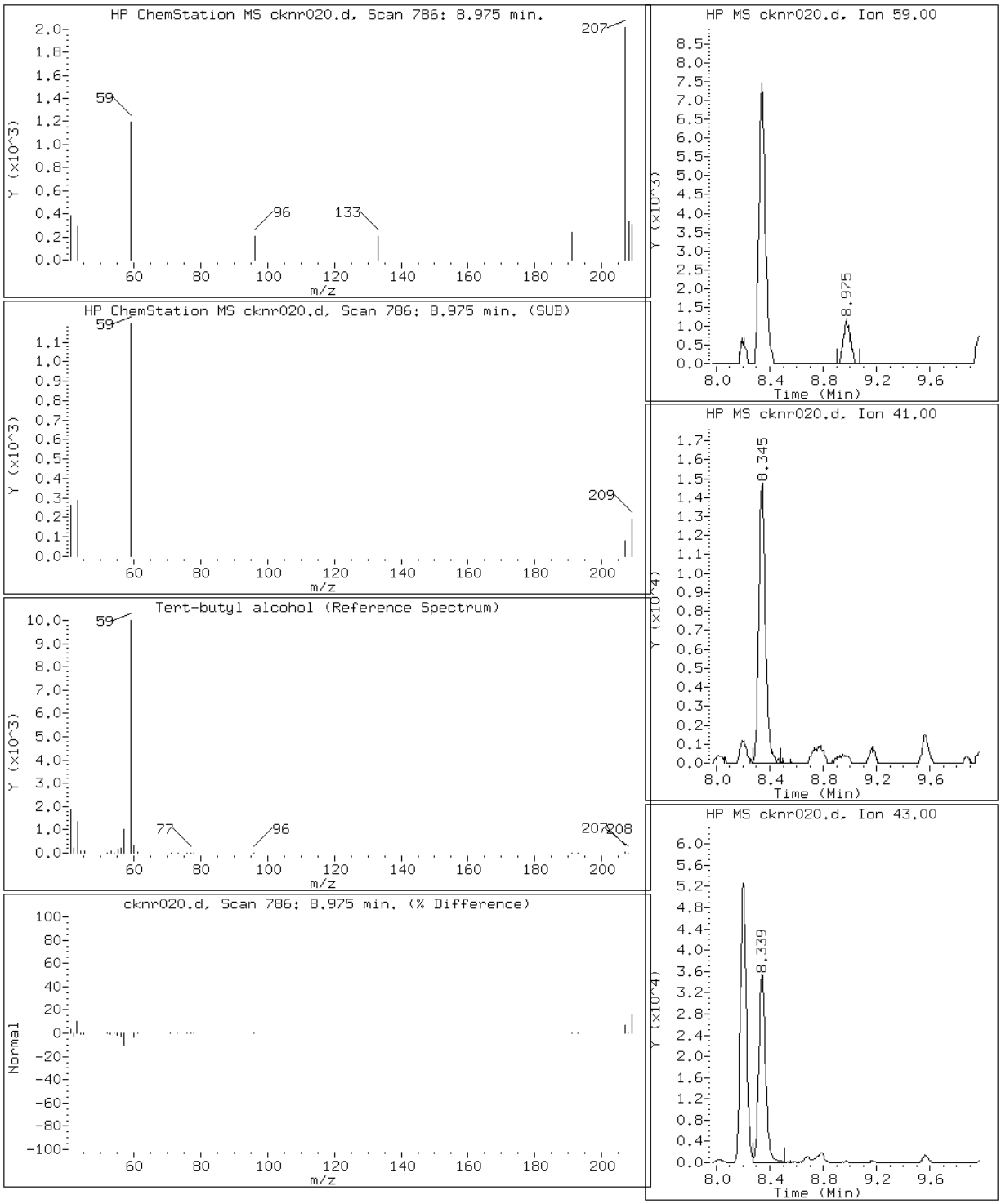
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

26 Tert-butyl alcohol



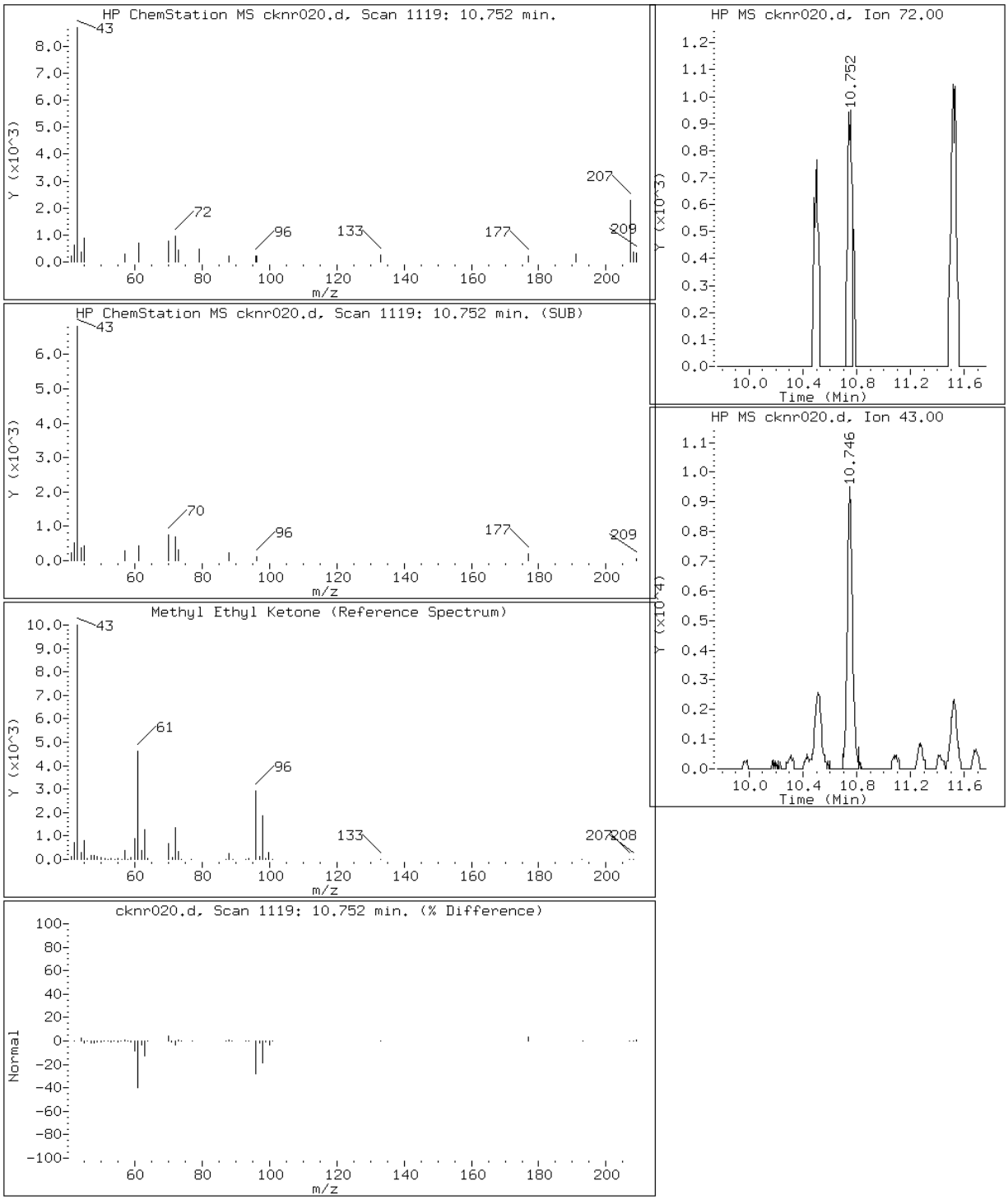
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

36 Methyl Ethyl Ketone



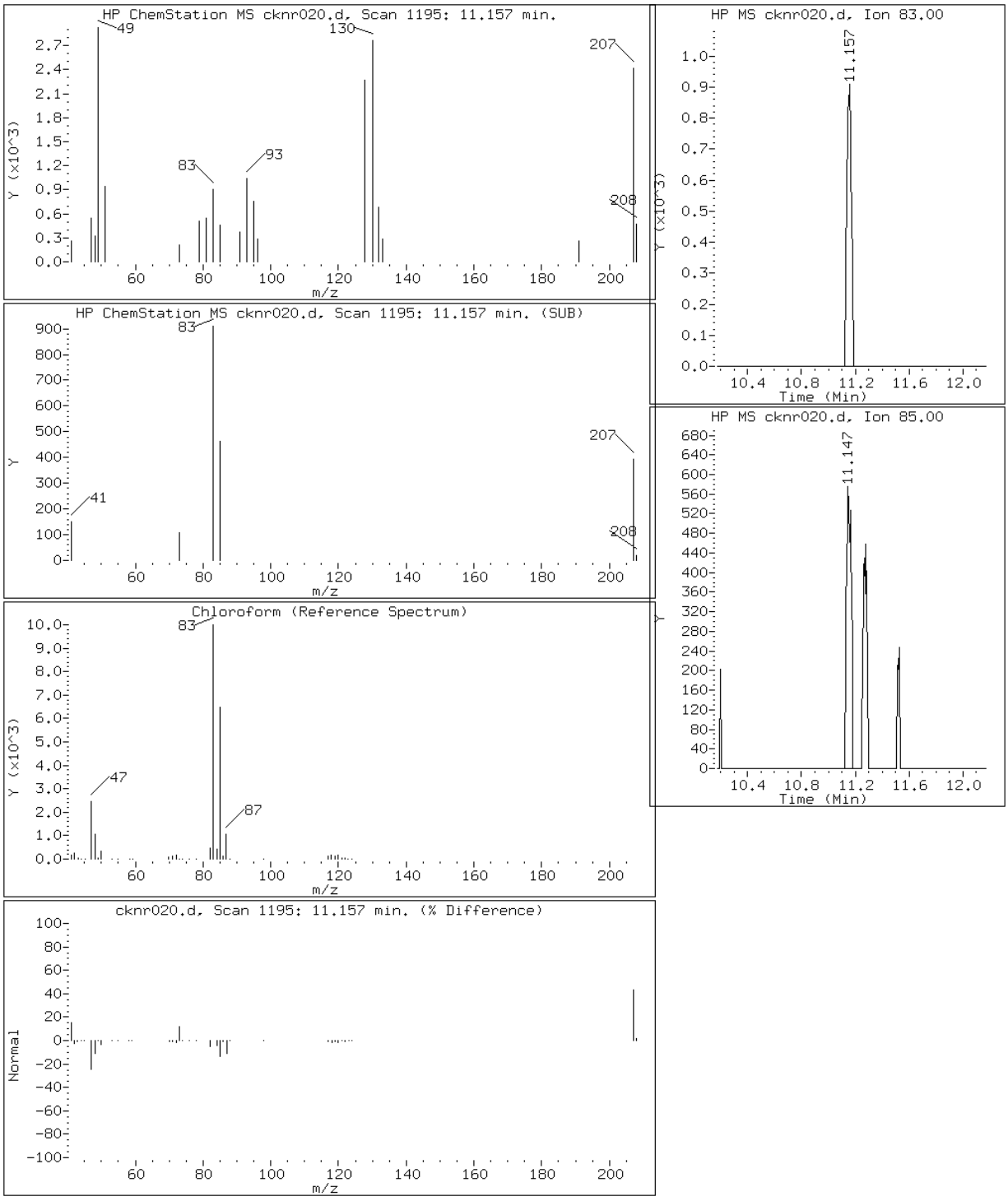
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

39 Chloroform



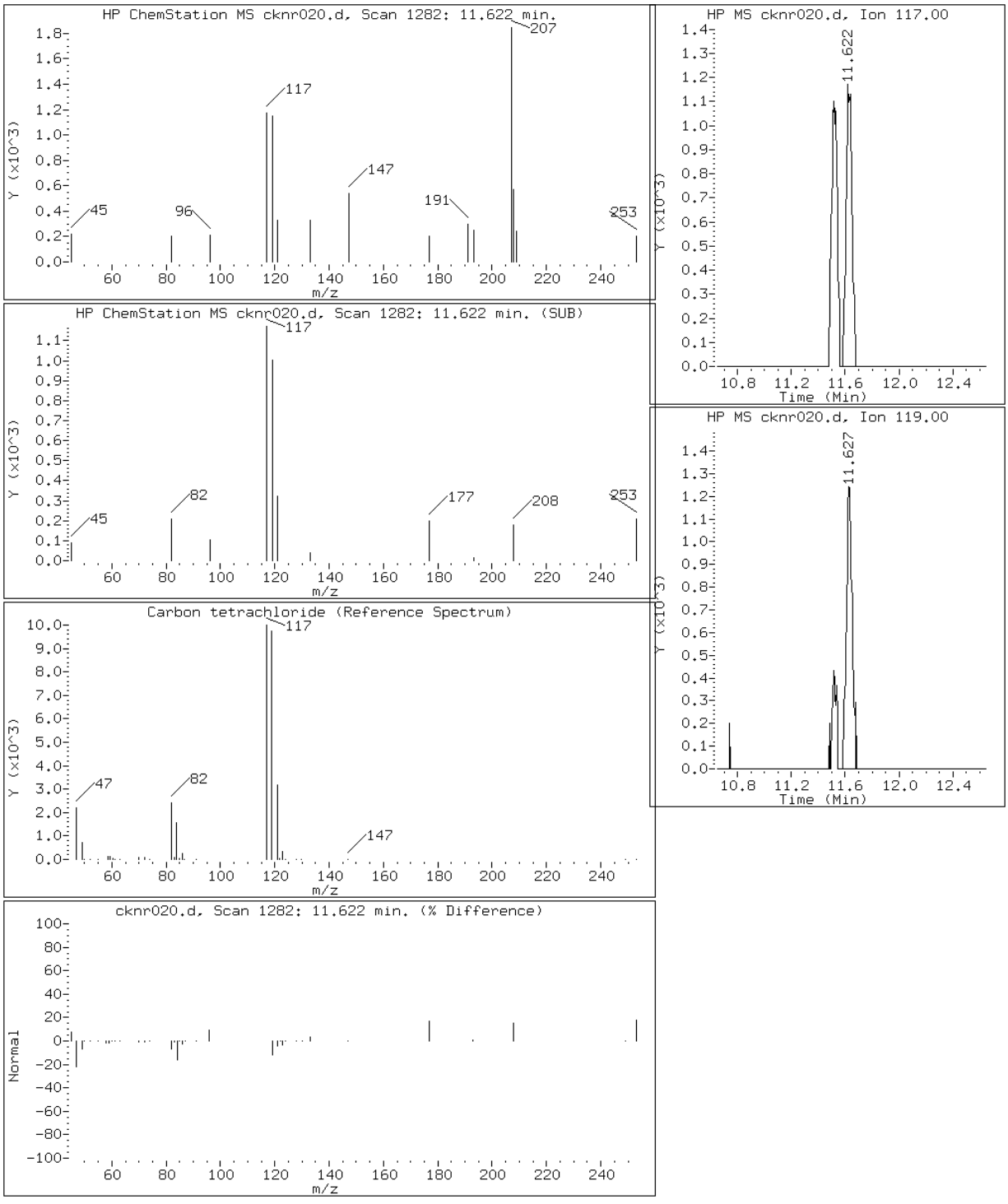
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

42 Carbon tetrachloride



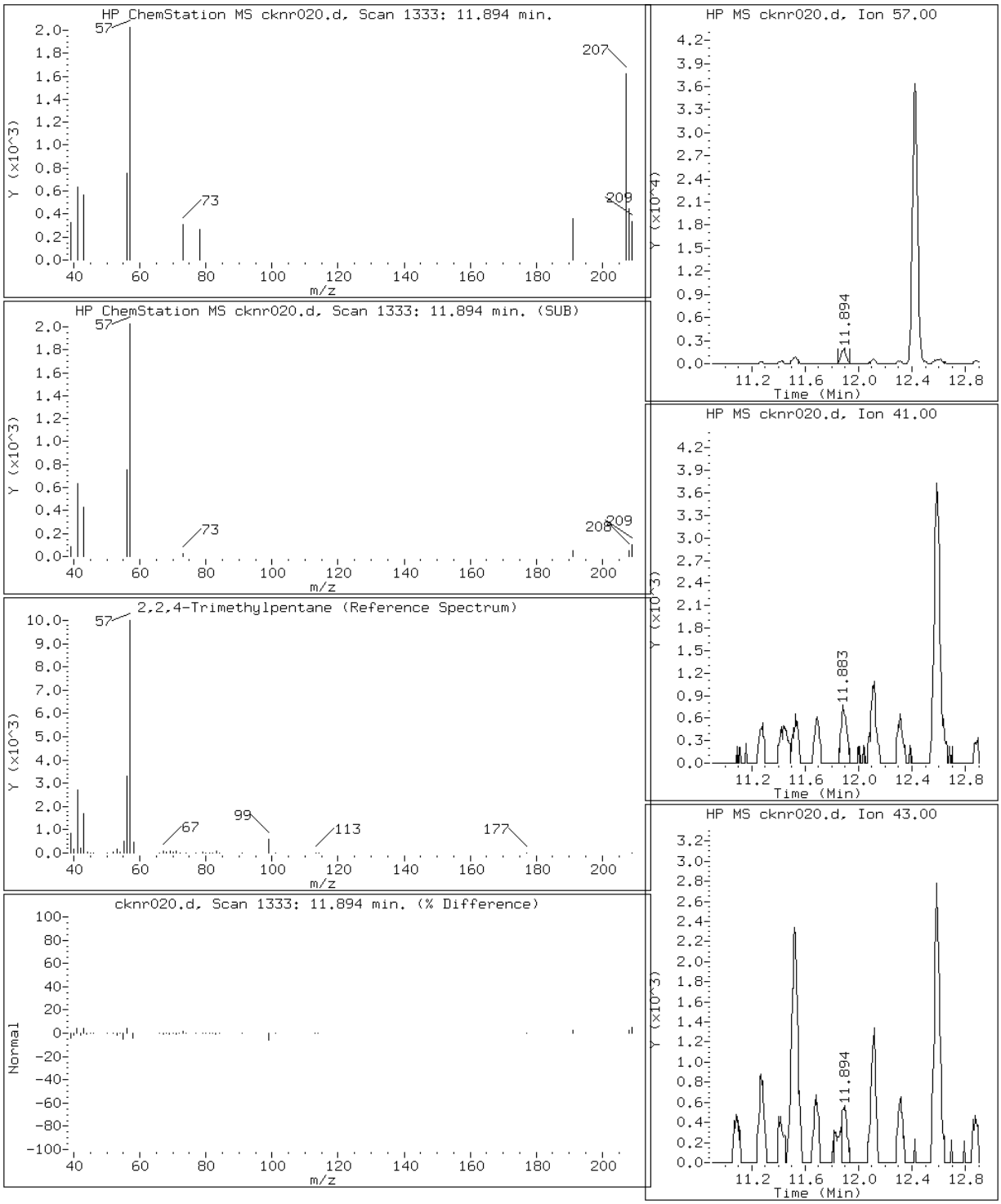
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

43 2,2,4-Trimethylpentane



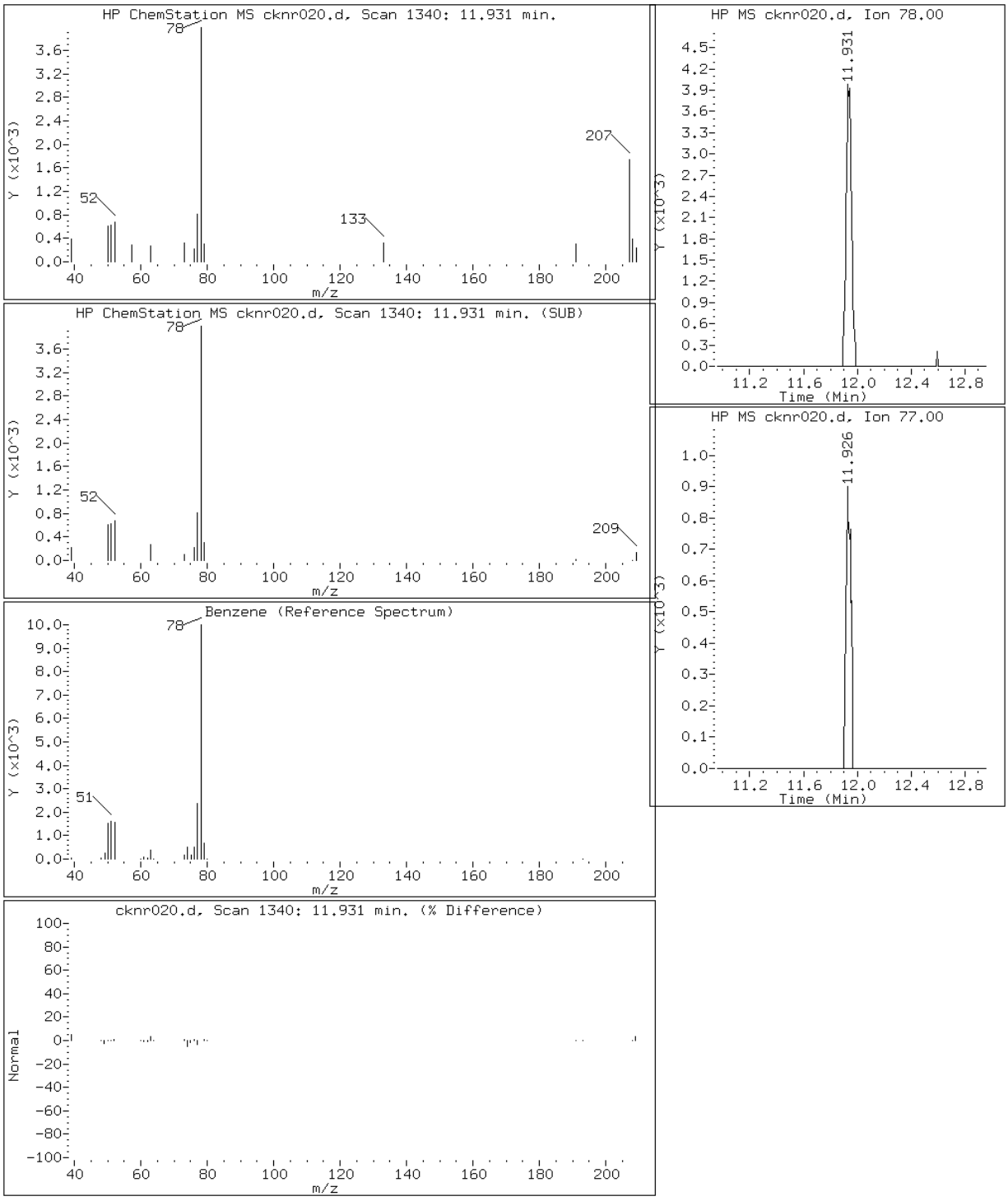
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

44 Benzene



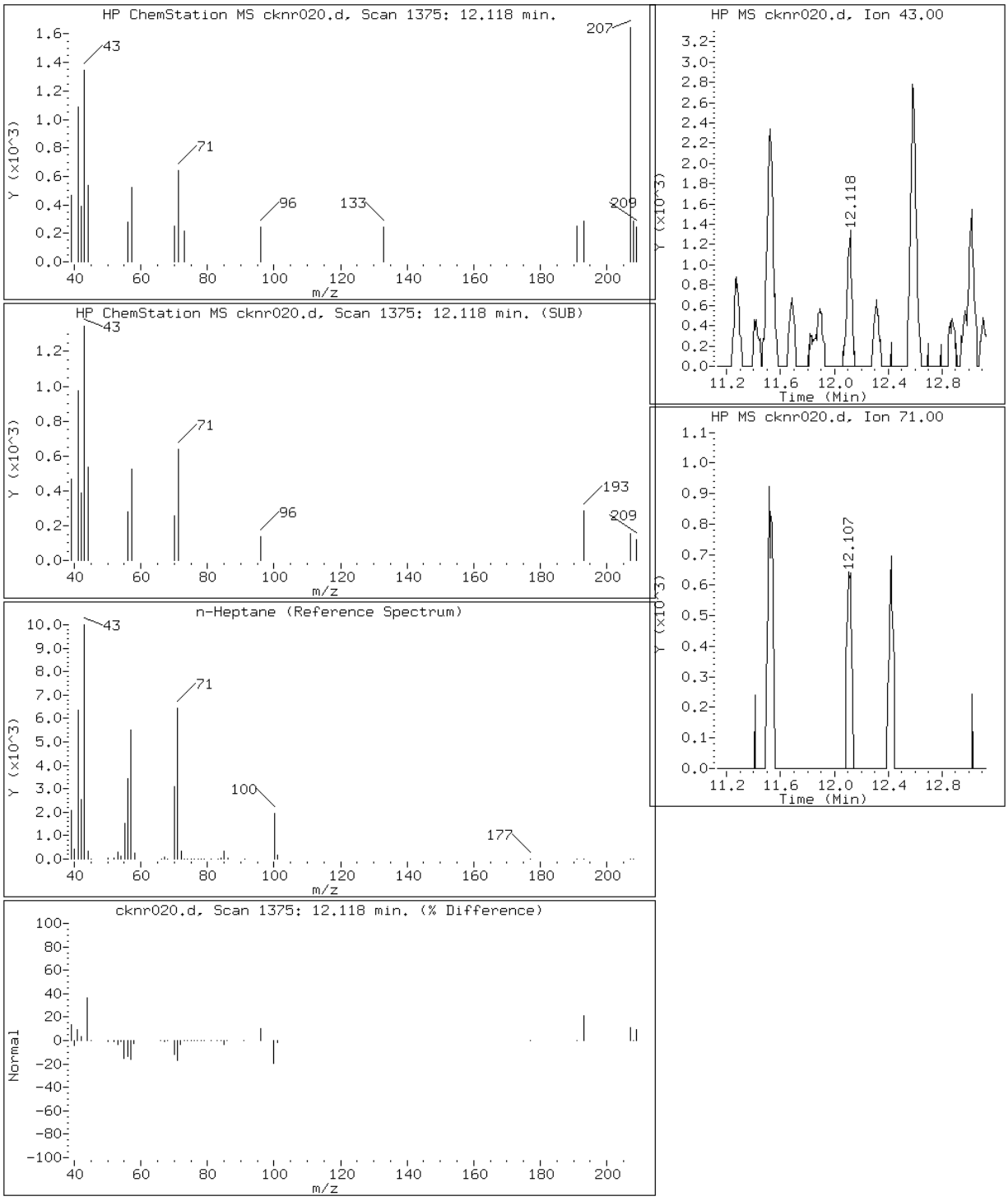
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Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

46 n-Heptane



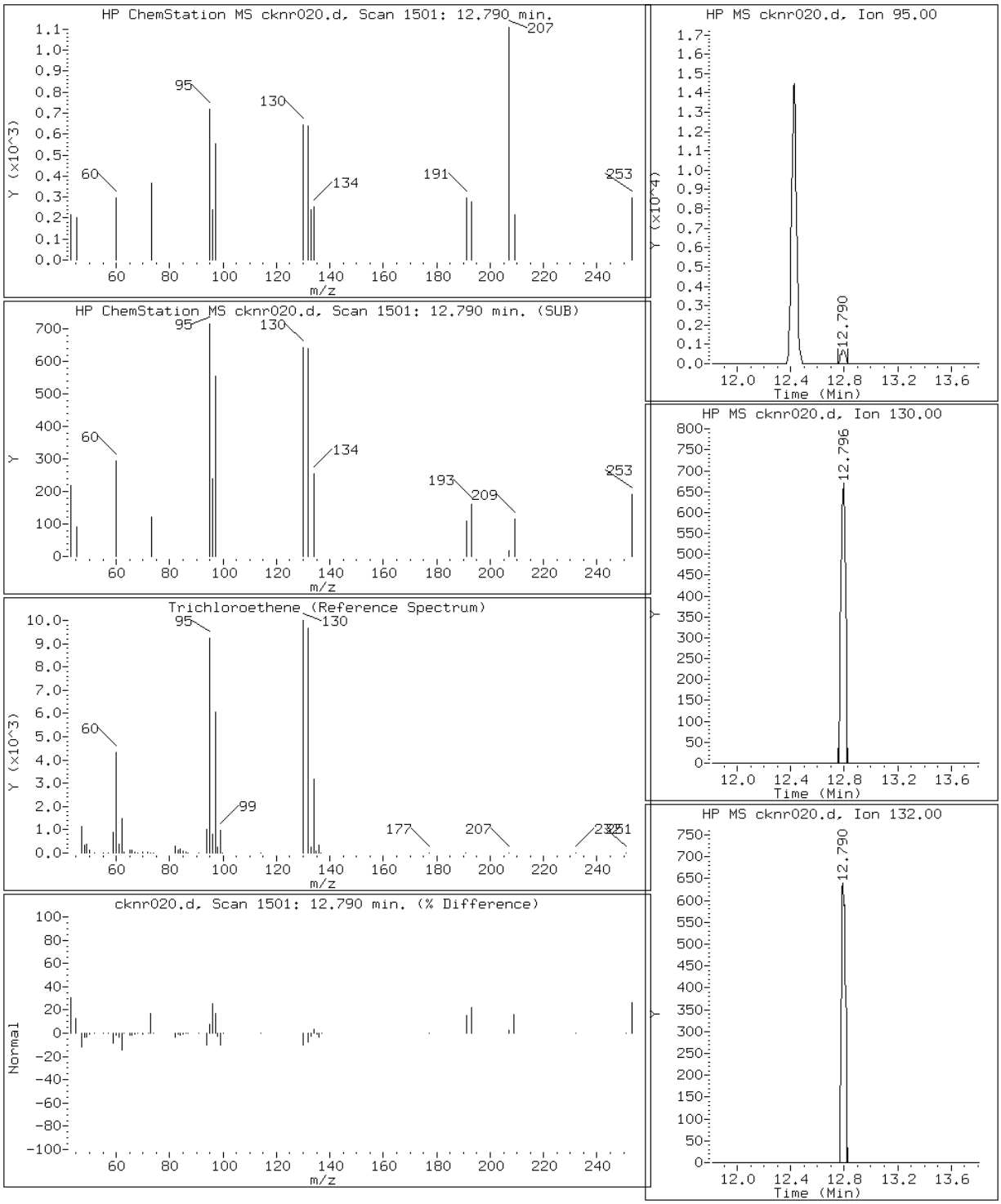
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

49 Trichloroethene



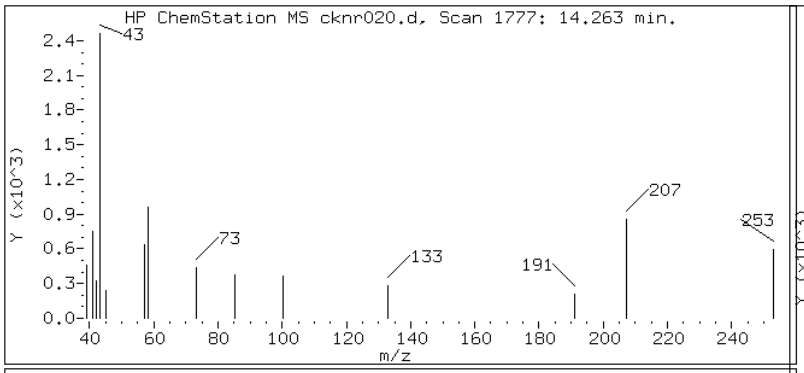
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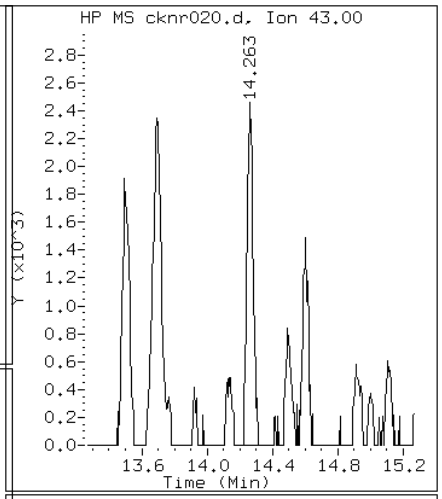
Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

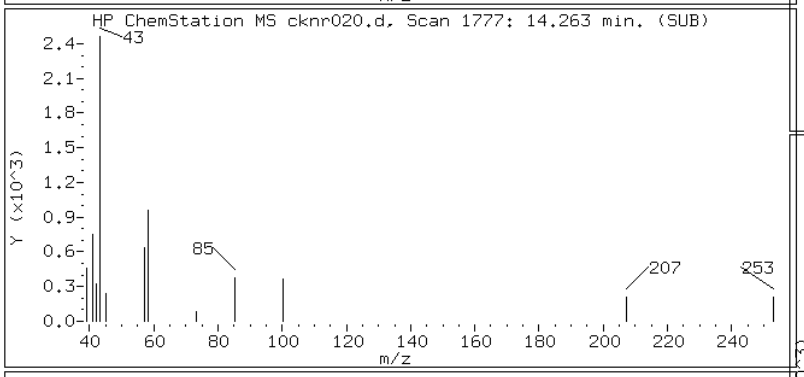
Client ID: 776IA1FA Instrument: C.i

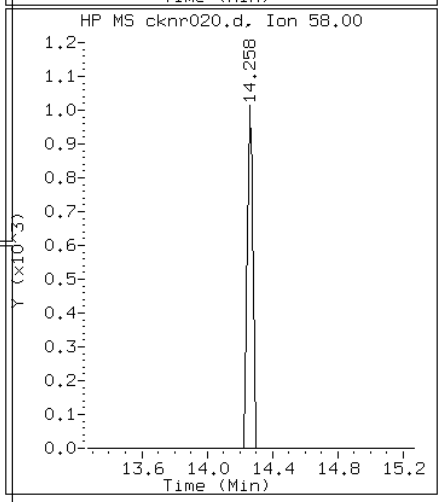
Sample Info: 280-25116-A-9 Operator: wrd

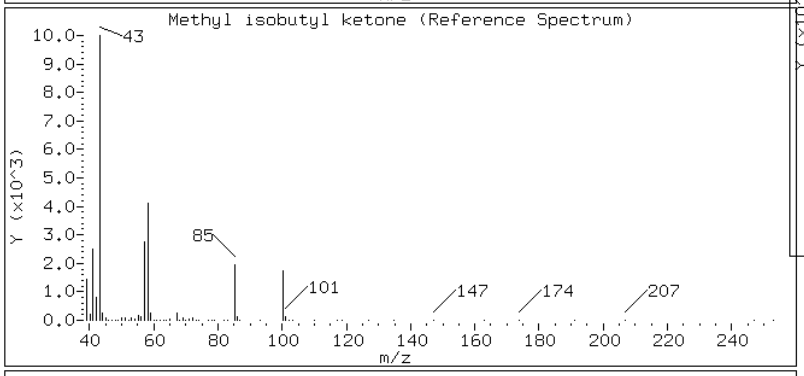
56 Methyl isobutyl ketone

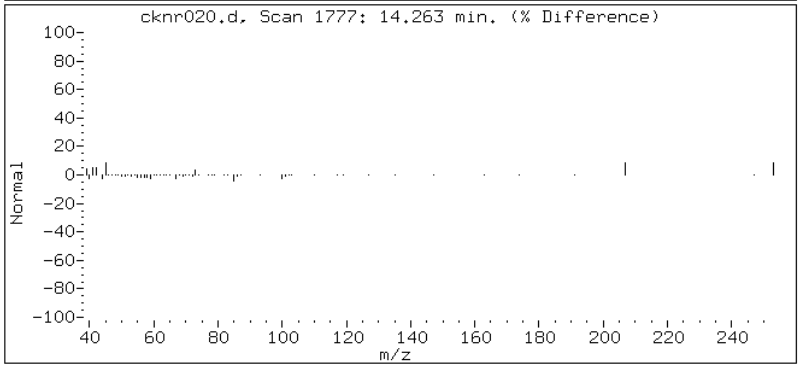












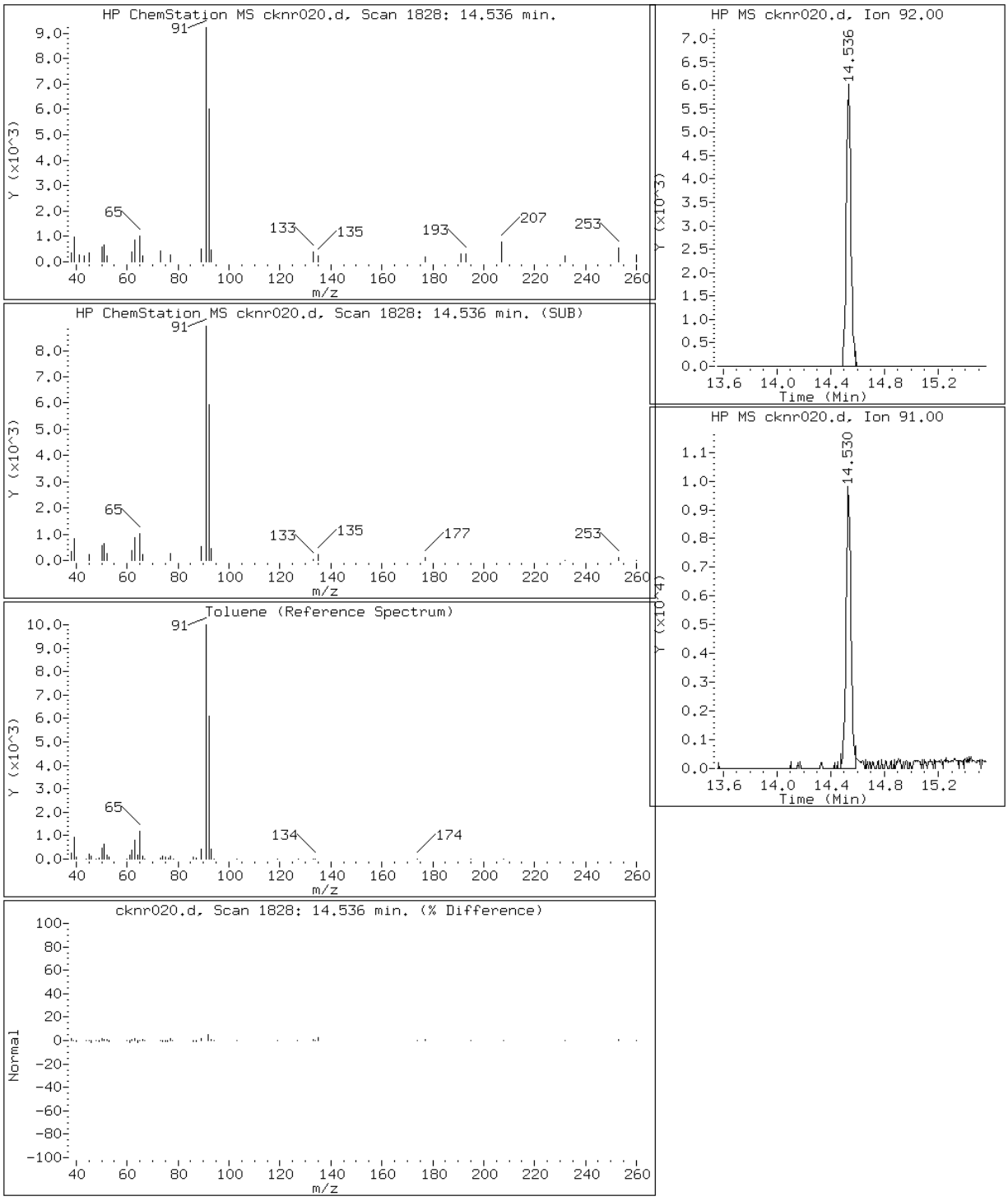
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

58 Toluene



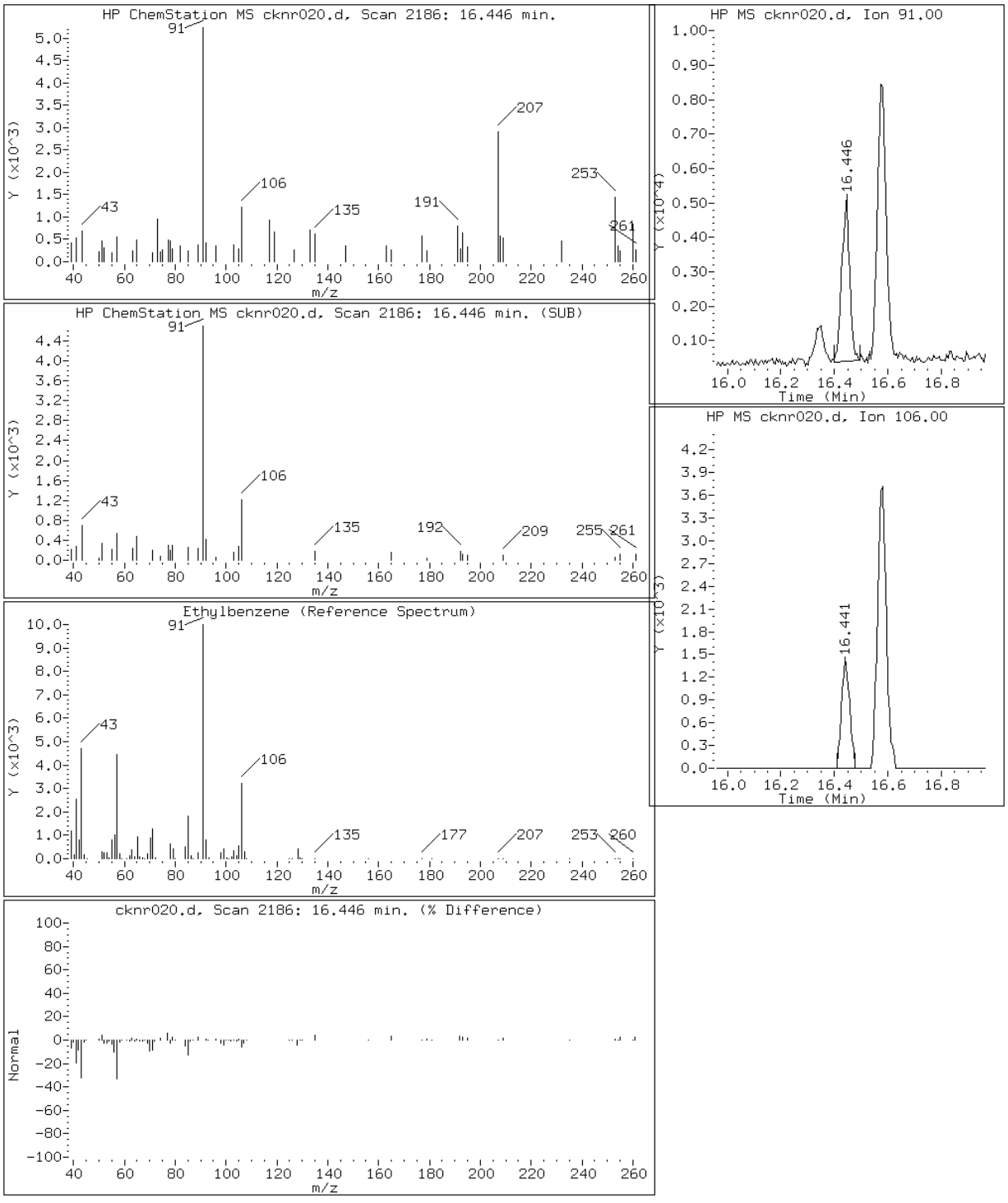
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

68 Ethylbenzene



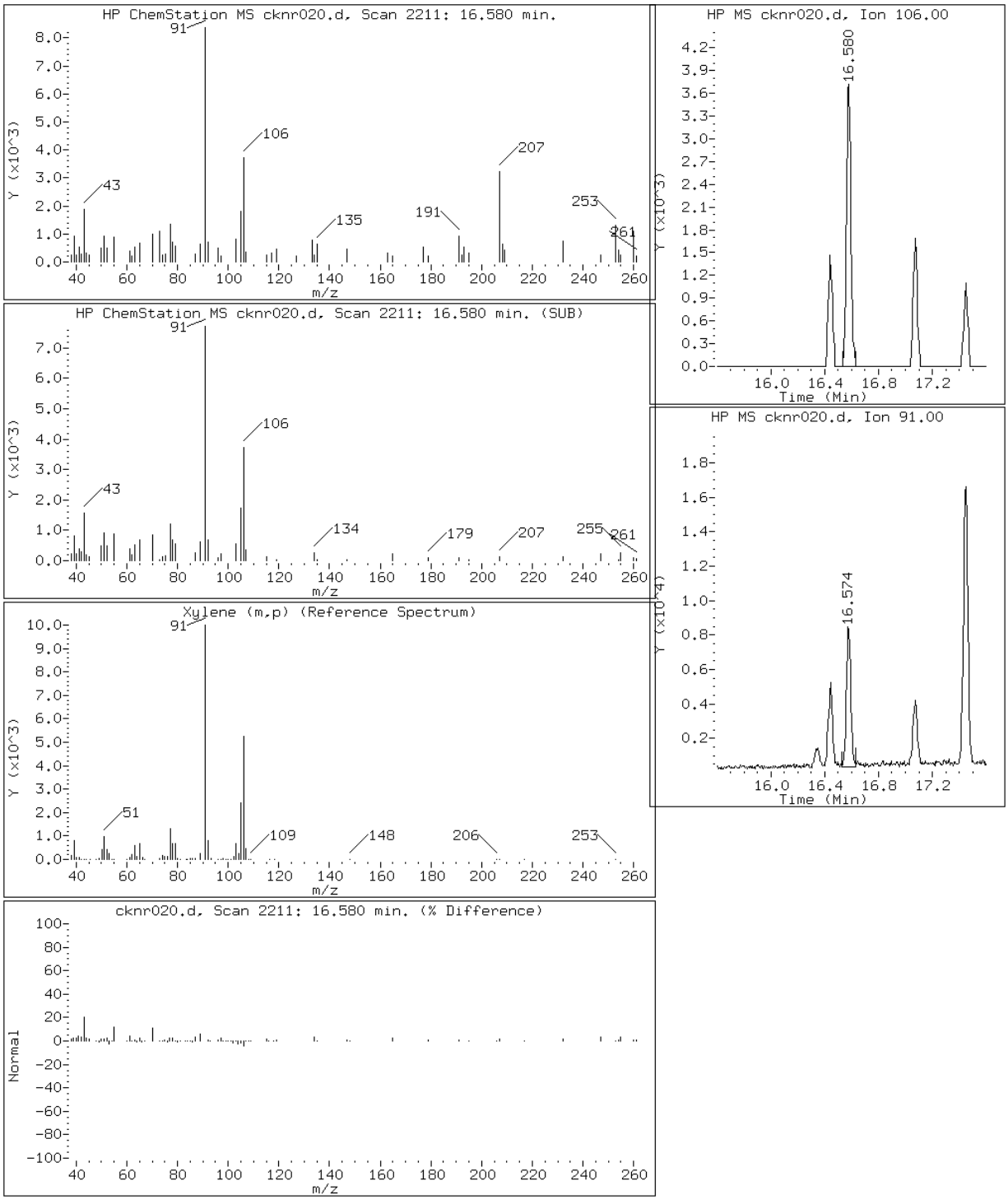
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

69 Xylene (m,p)



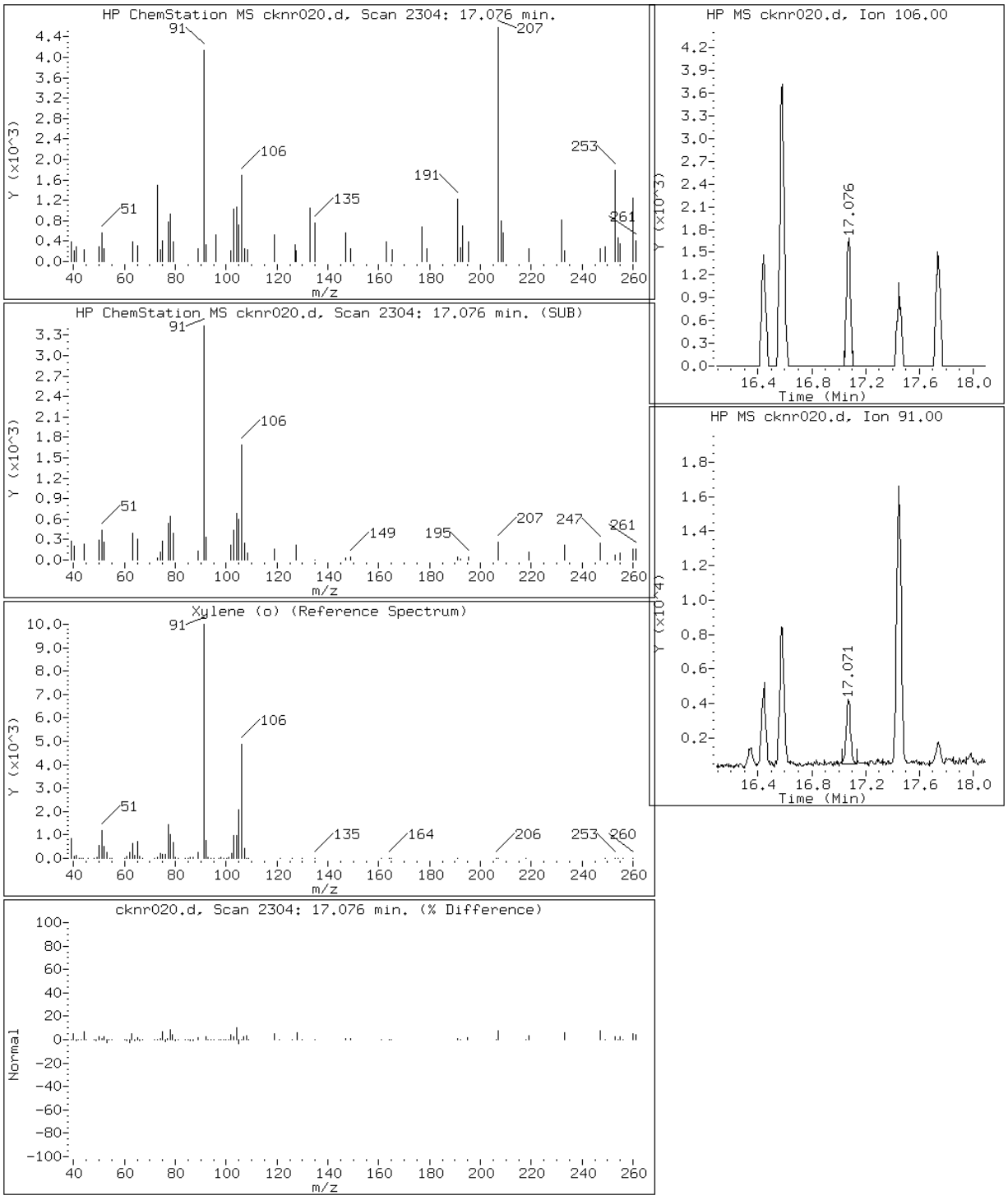
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

71 Xylene (o)



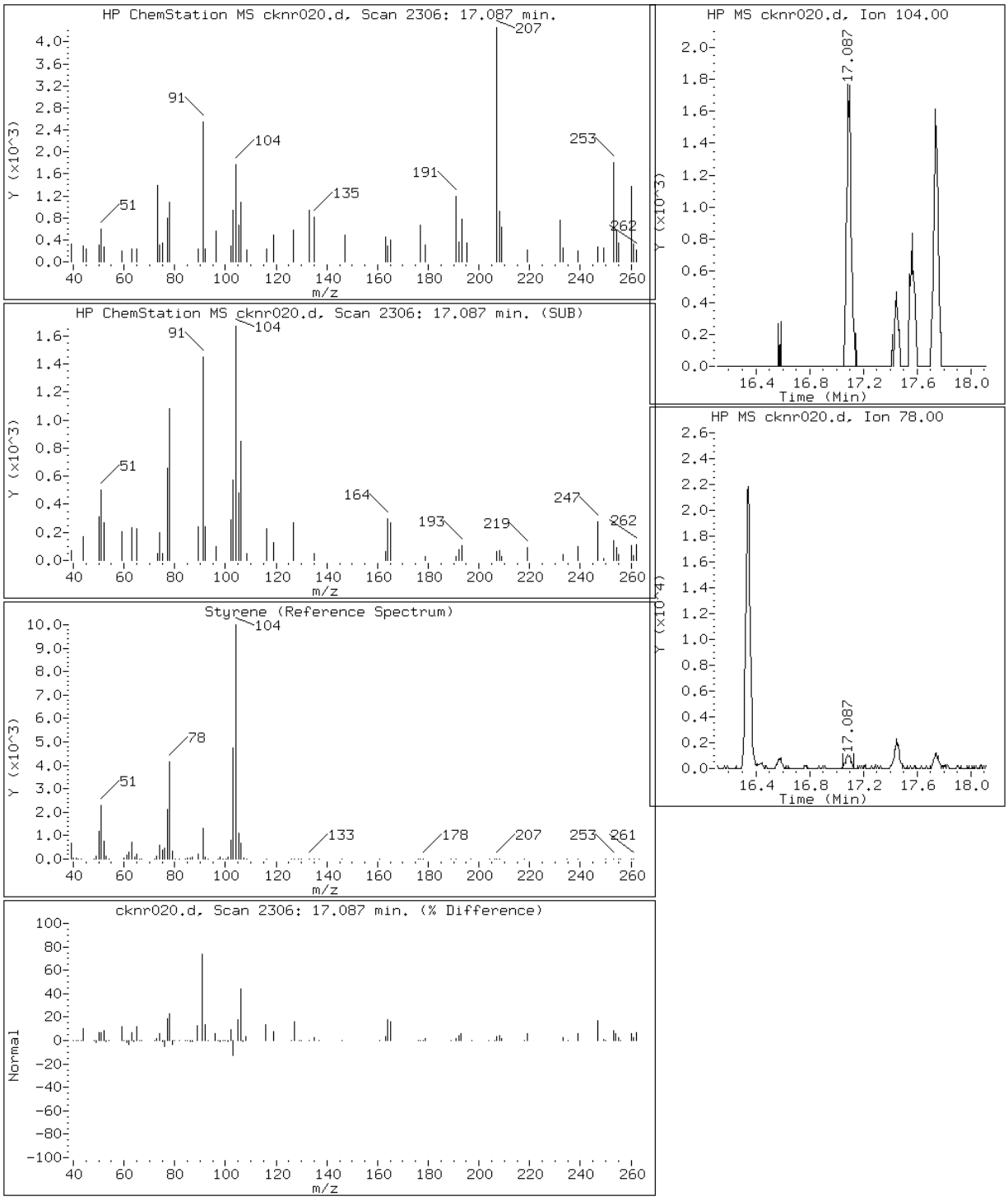
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

72 Styrene



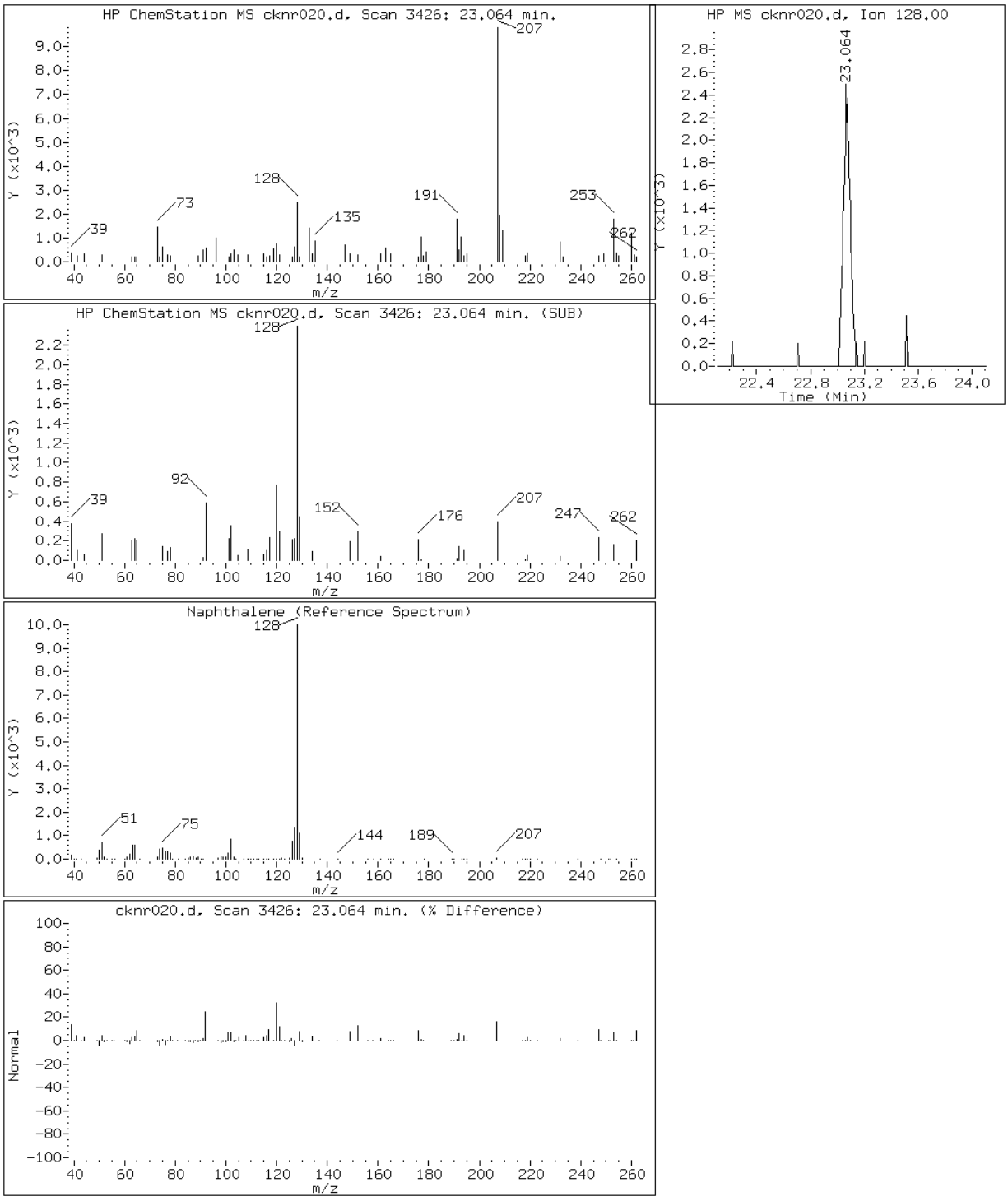
Data File: cknr020.d

Lab Sample ID: 280-25116-9 Date: 08-FEB-2012 02:30

Client ID: 776IA1FA Instrument: C.i

Sample Info: 280-25116-A-9 Operator: wrd

96 Naphthalene



Manual Integration Report

Data File: cknr020.d
Lab Sample ID: 280-25116-9
Inj. Date and Time: 08-FEB-2012 02:30
Instrument ID: C.i
Client ID: 776IA1FA
Compound: 26 Tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/08/2012

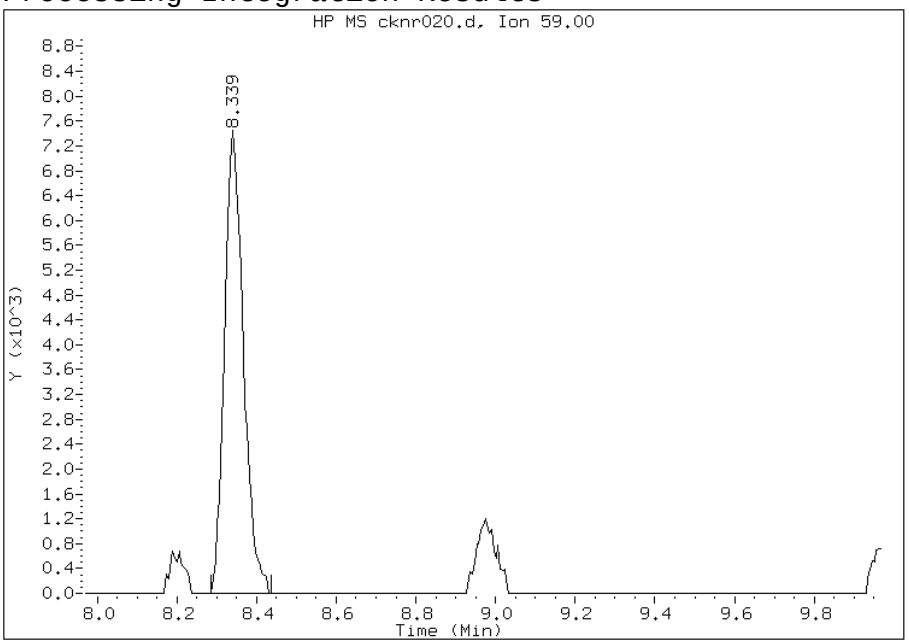
Processing Integration Results

RT: 8.34

Response: 24419

Amount: 0.740910

Conc: 1.11



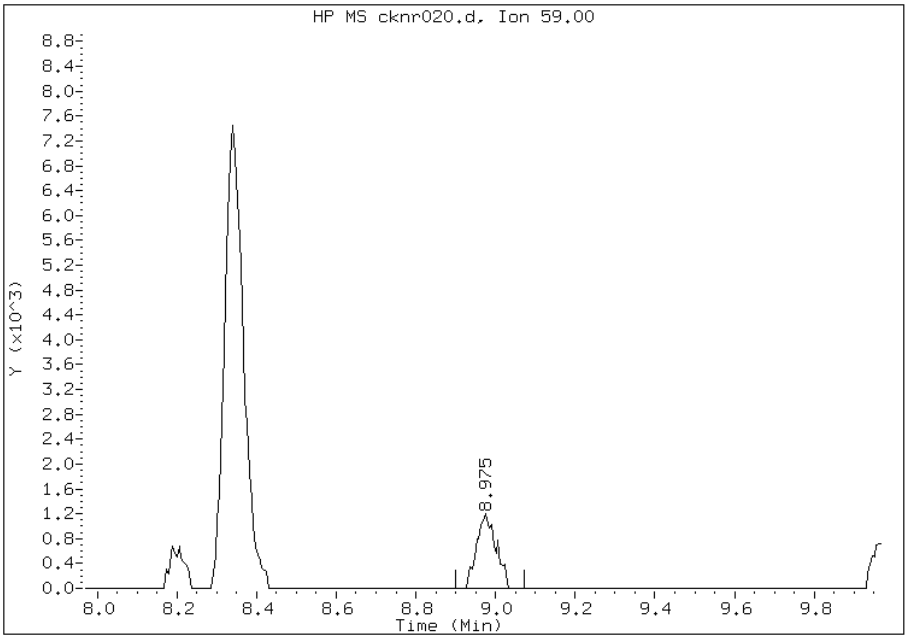
Manual Integration Results

RT: 8.97

Response: 4073

Amount: 0.123577

Conc: 0.185366



File Uploaded By: ahk
Manual Integration Reason: Peak not found by the data system

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0102AD Lab Sample ID: 280-25116-10

Matrix: Air Lab File ID: cknq017.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:30

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 22:37

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.55		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.084	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	1.4	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.44	J M	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	2.8		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.19	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.82		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.069	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.42		0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	1.0		0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0102AD Lab Sample ID: 280-25116-10

Matrix: Air Lab File ID: cknq017.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:30

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 22:37

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	2.4		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.85		0.50	0.026
108-88-3	Toluene	92.14	0.16	J	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.36		0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.074	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.025	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.099	J	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0102AD Lab Sample ID: 280-25116-10

Matrix: Air Lab File ID: cknq017.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:30

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 22:37

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0102AD Lab Sample ID: 280-25116-10

Matrix: Air Lab File ID: cknq017.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:30

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 22:37

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.64	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	3.3	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	1.1	J M	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	10		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.55	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	2.8		0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.43	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	1.9		0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	4.1		0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0102AD Lab Sample ID: 280-25116-10

Matrix: Air Lab File ID: cknq017.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:30

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 22:37

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	13		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	3.5		2.0	0.11
108-88-3	Toluene	92.14	0.61	J	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	2.4		1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.32	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.11	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.43	J	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0102AD Lab Sample ID: 280-25116-10

Matrix: Air Lab File ID: cknq017.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:30

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 22:37

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-10
Client Smp ID: 786VMP0102AD
Inj Date : 06-FEB-2012 22:37
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-10
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.052	5.057	(0.455)	35060	0.55047	0.55
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	7.133	7.149	(0.642)	15141	0.23469	0.23
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	3762	0.08365	0.084(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.217	8.211	(0.740)	44395	1.37889	1.4(a)
21 Carbon disulfide	76	Compound Not Detected.					

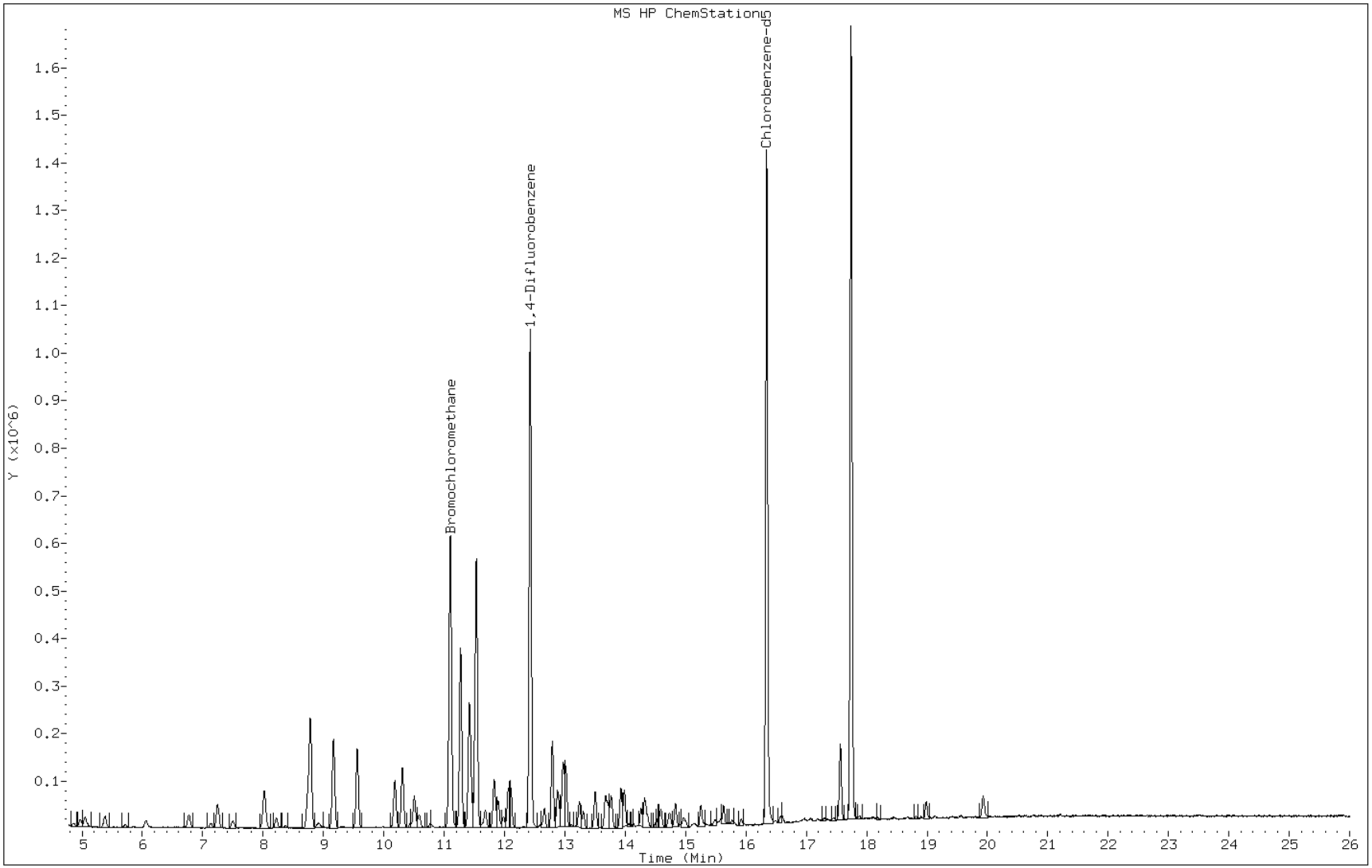
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.366	8.350	(0.753)	9720	0.43992	0.44(aM)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.556	9.572	(0.861)	111929	2.84880	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	10.762	10.762	(0.969)	2220	0.18815	0.19(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	197420	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.456	11.477	(0.922)	31592	0.82460	0.82(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.627	11.648	(0.936)	4186	0.06887	0.069(aQ)
	43 2,2,4-Trimethylpentane	57	11.894	11.904	(0.957)	54116	0.41500	0.42(Q)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.113	12.129	(0.975)	48600	1.00508	1.0
*	47 1,4-Difluorobenzene	114	12.422	12.443	(1.000)	1166124	10.0000	
	49 Trichloroethene	95	12.790	12.812	(1.030)	89073	2.39250	2.4
	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	14.263	14.269	(1.148)	42525	0.85132	0.85
	58 Toluene	92	14.541	14.557	(0.890)	9416	0.16249	0.16(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	15.256	15.272	(0.933)	16818	0.35535	0.36
	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	16.345	16.366	(1.000)	1043694	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	3749	0.07435	0.074(aQ)
M	70 Xylenes, Total	106				4929	0.09888	0.099(a)
	71 Xylene (o)	106	17.081	17.092	(1.045)	1180	0.02453	0.025(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	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:	cknq017.d	Date:	06-FEB-2012 22:37
Client ID:	786VMP0102AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-10		
Lab Sample ID:	280-25116-10		



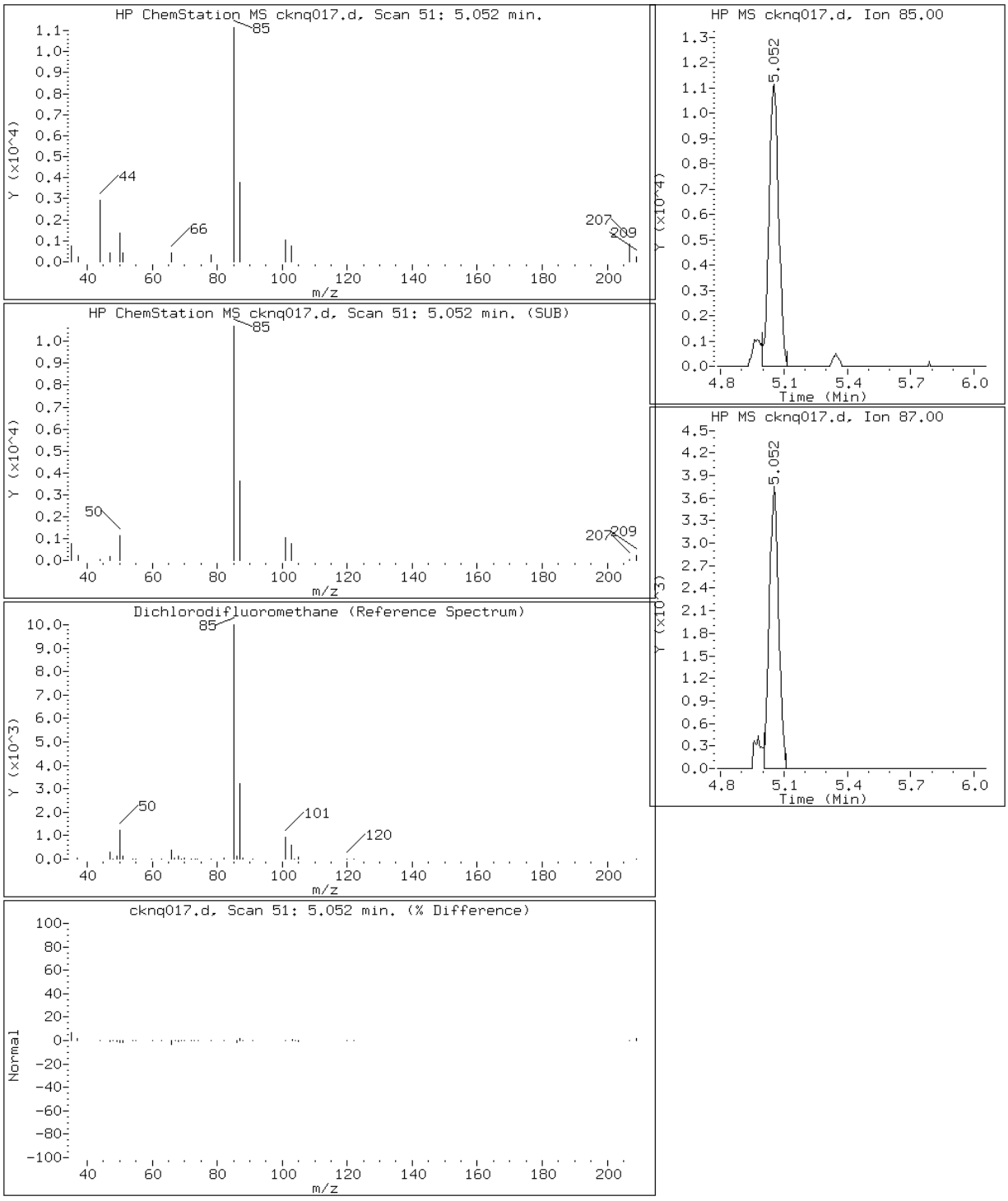
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

2 Dichlorodifluoromethane



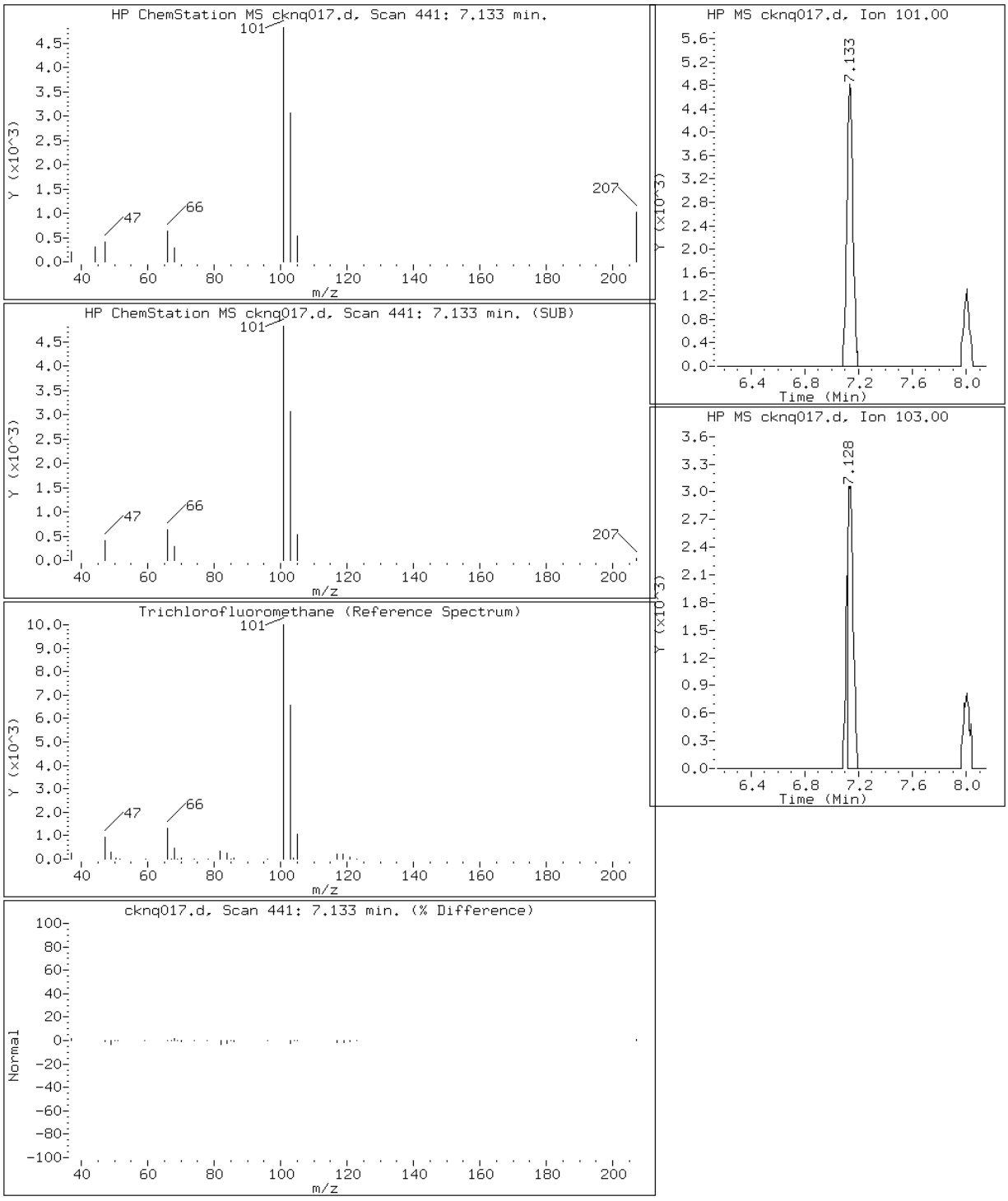
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

13 Trichlorofluoromethane



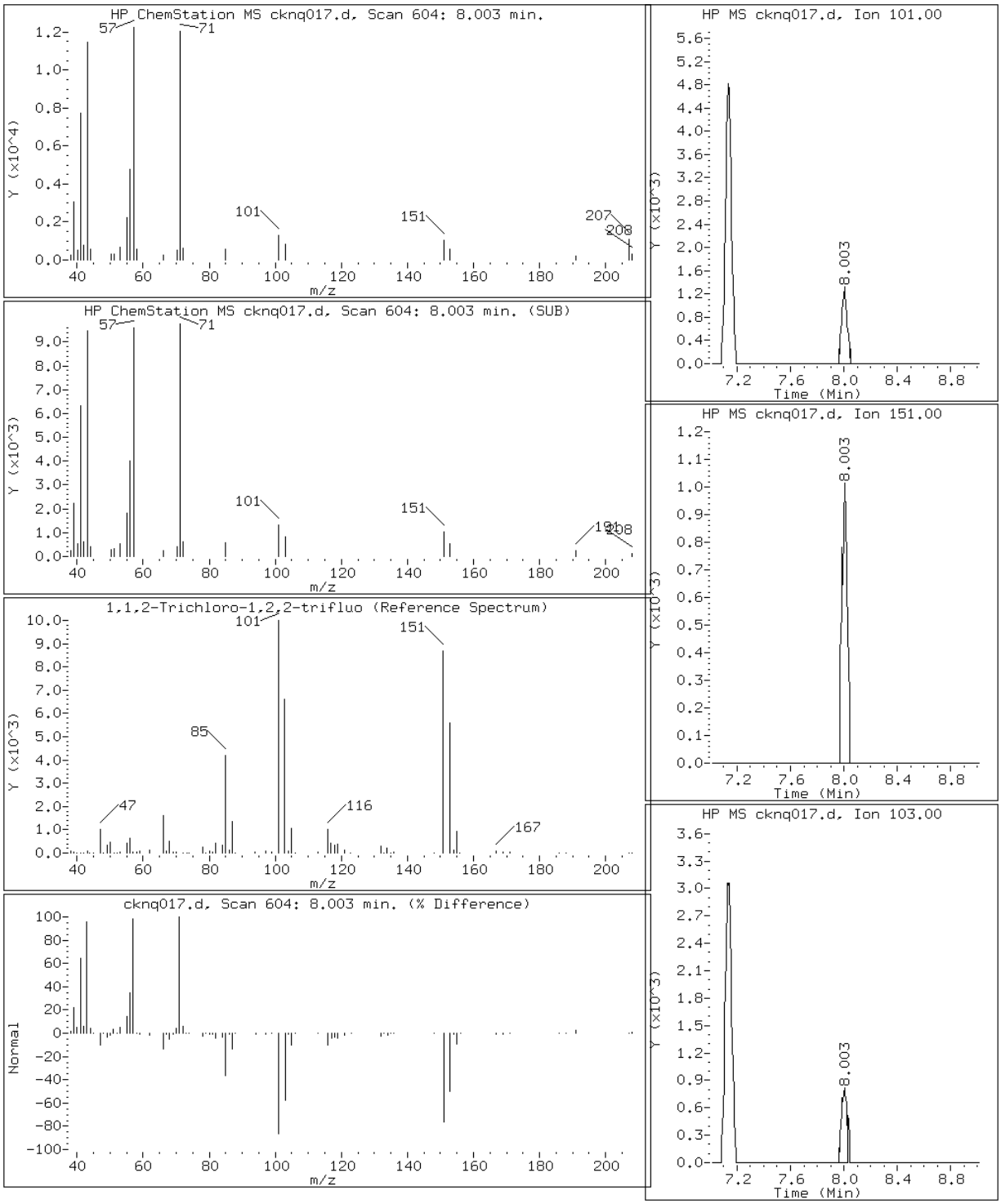
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

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



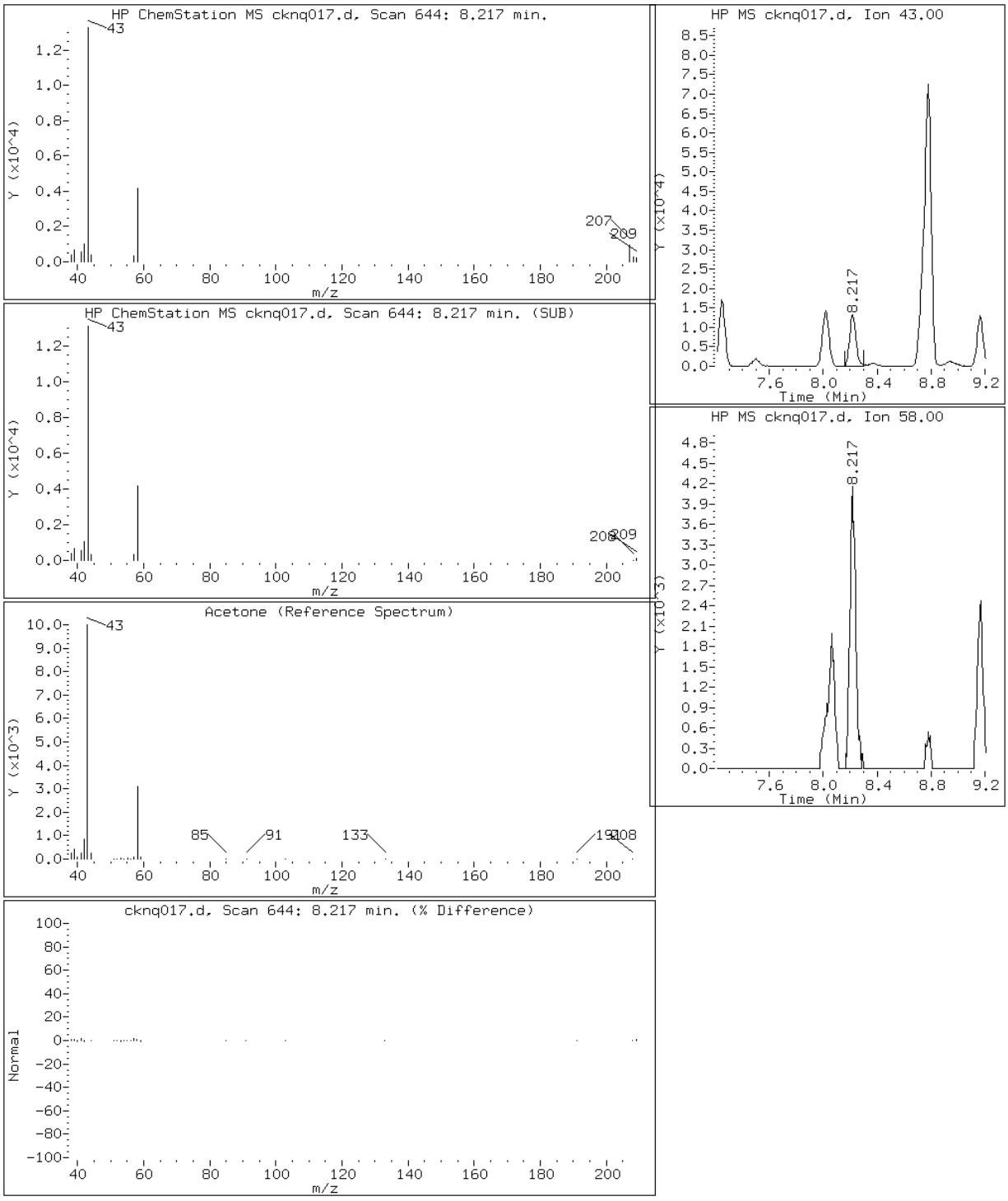
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

20 Acetone



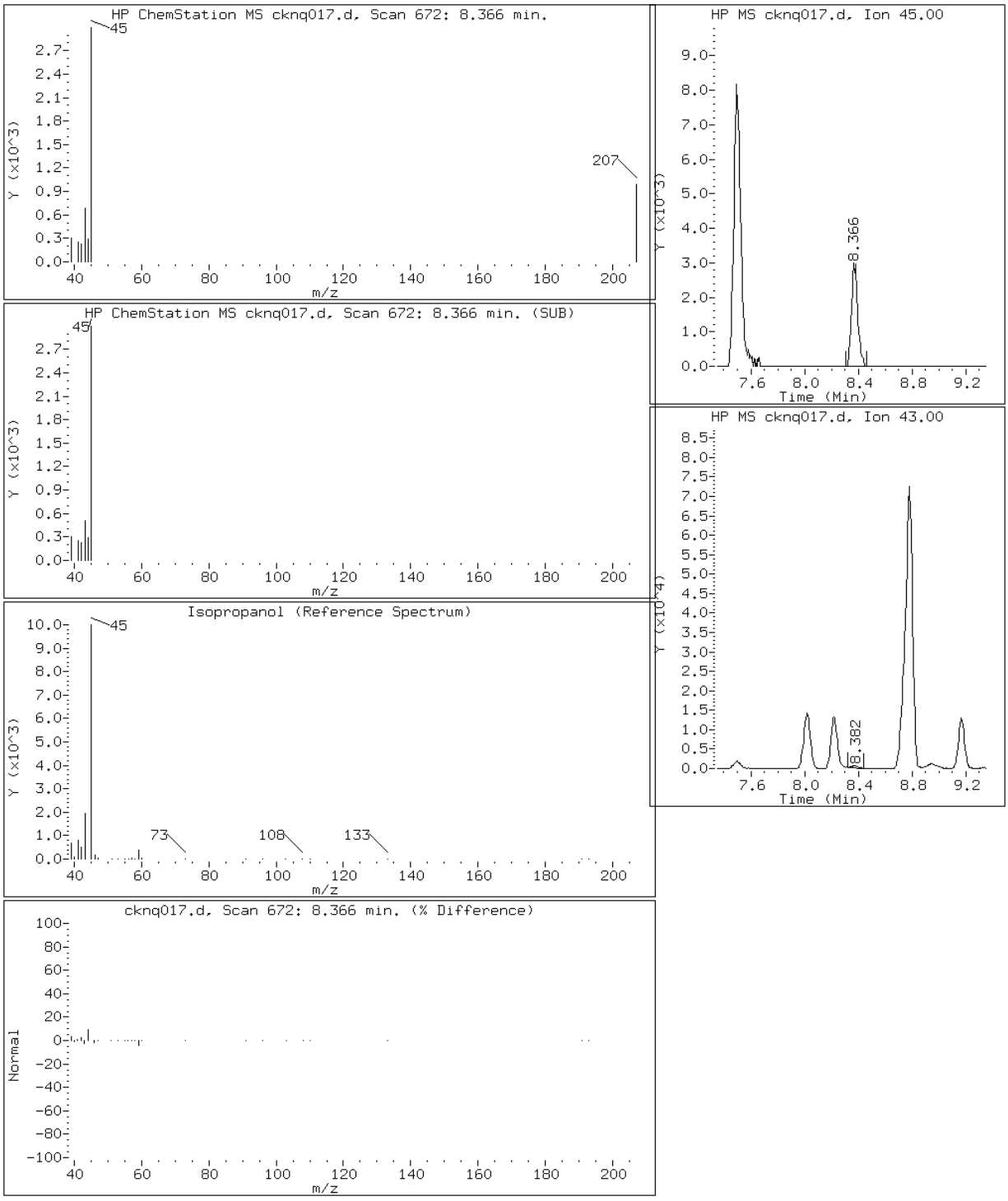
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

22 Isopropanol



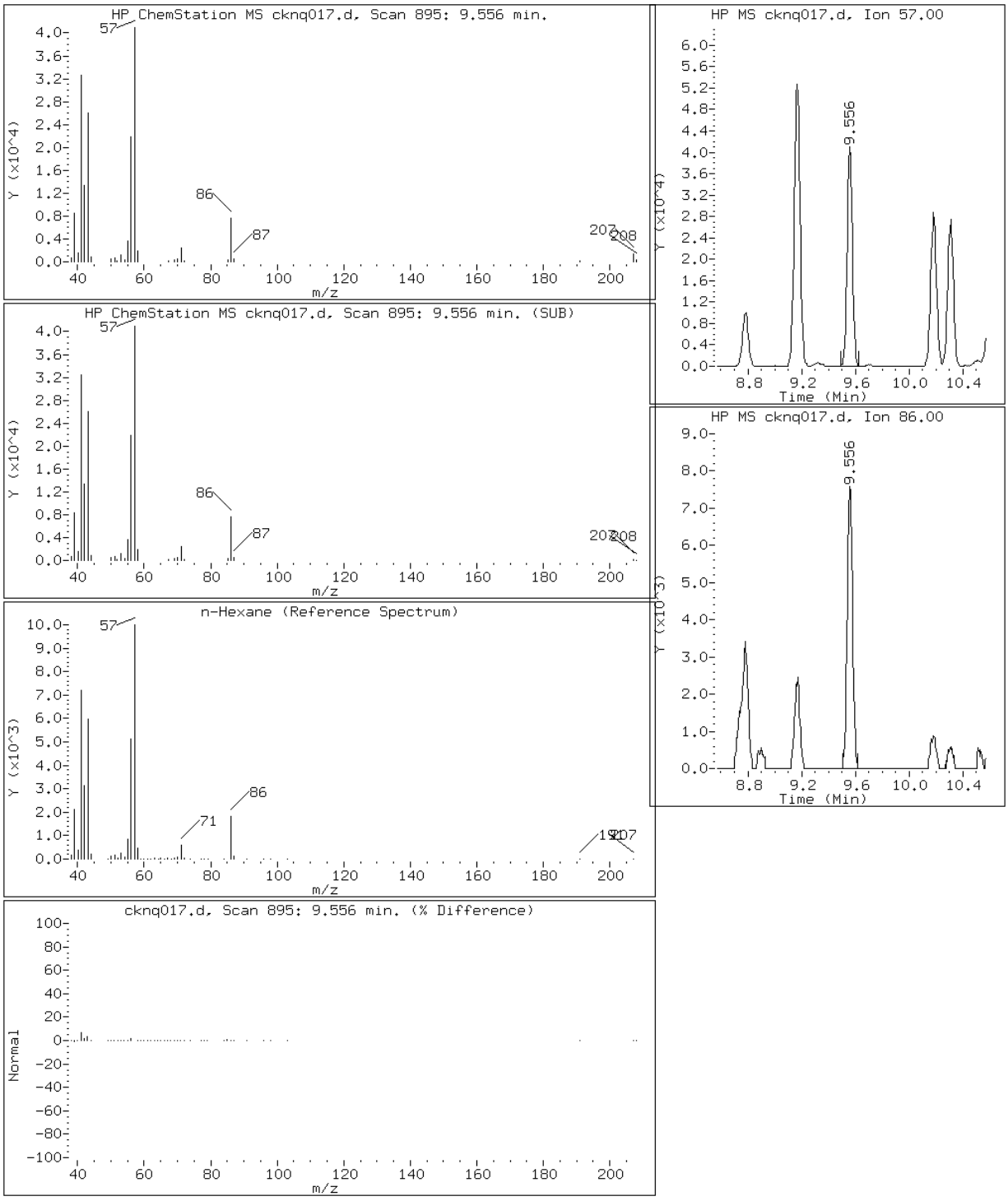
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

30 n-Hexane



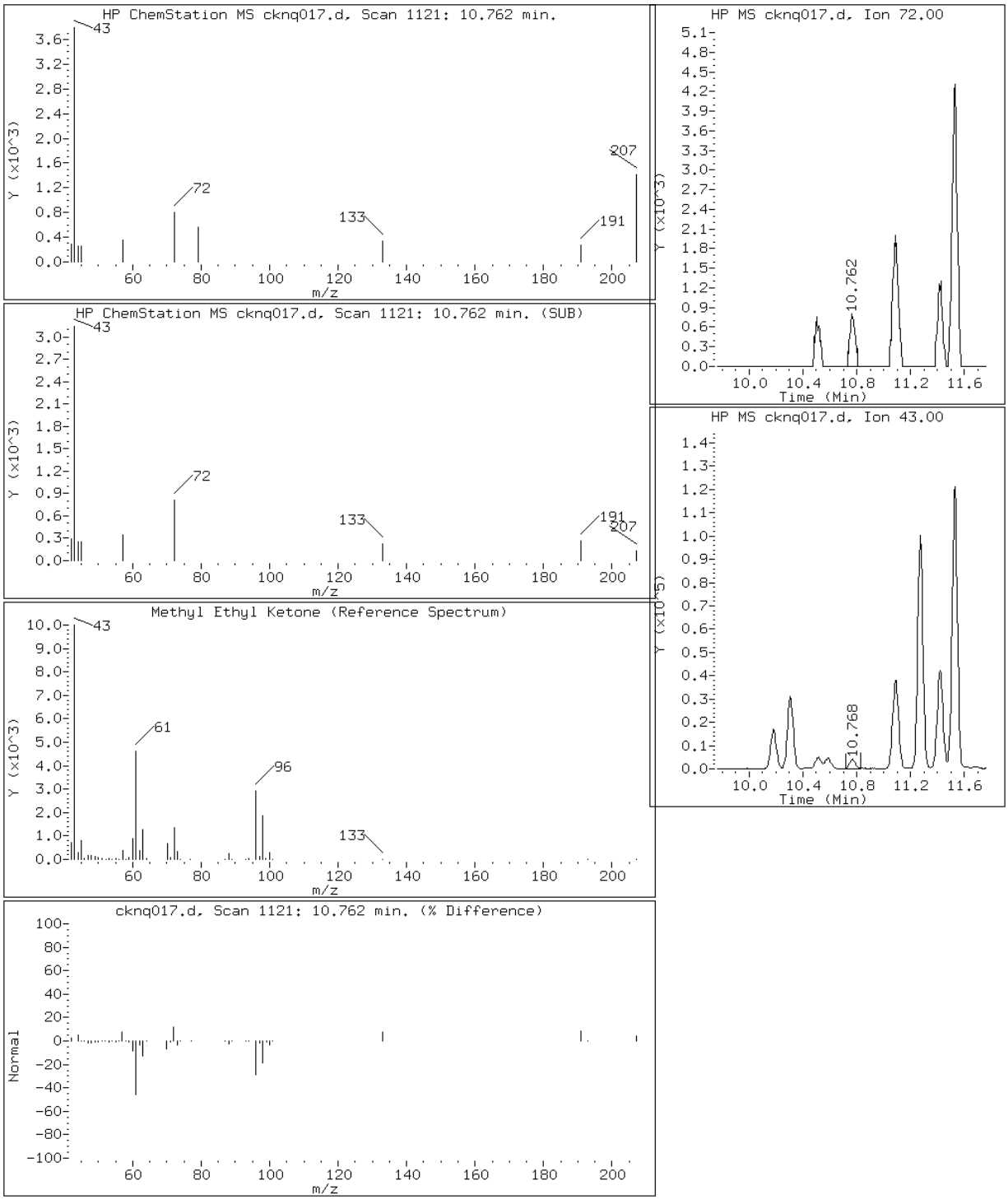
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

36 Methyl Ethyl Ketone



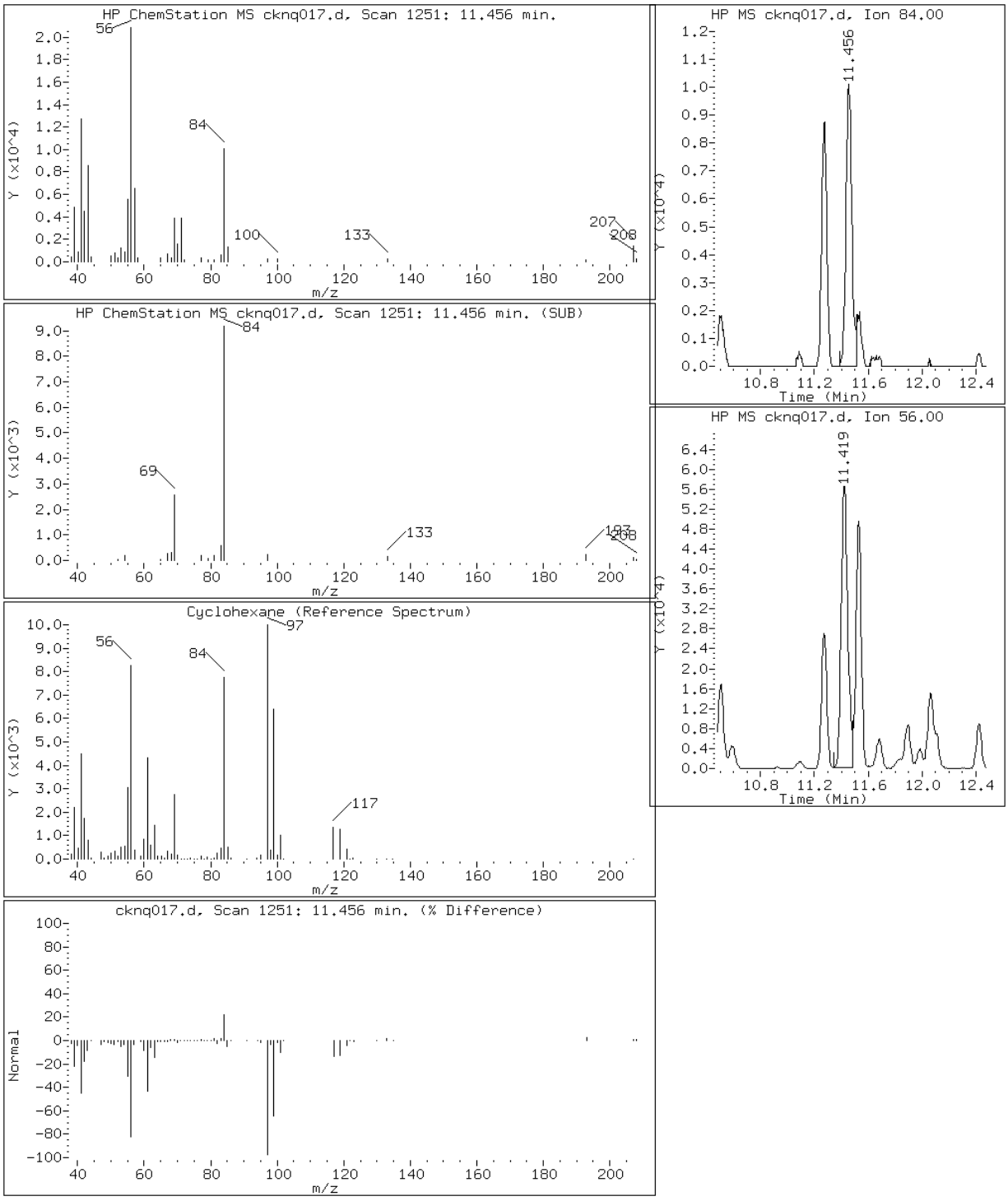
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

40 Cyclohexane



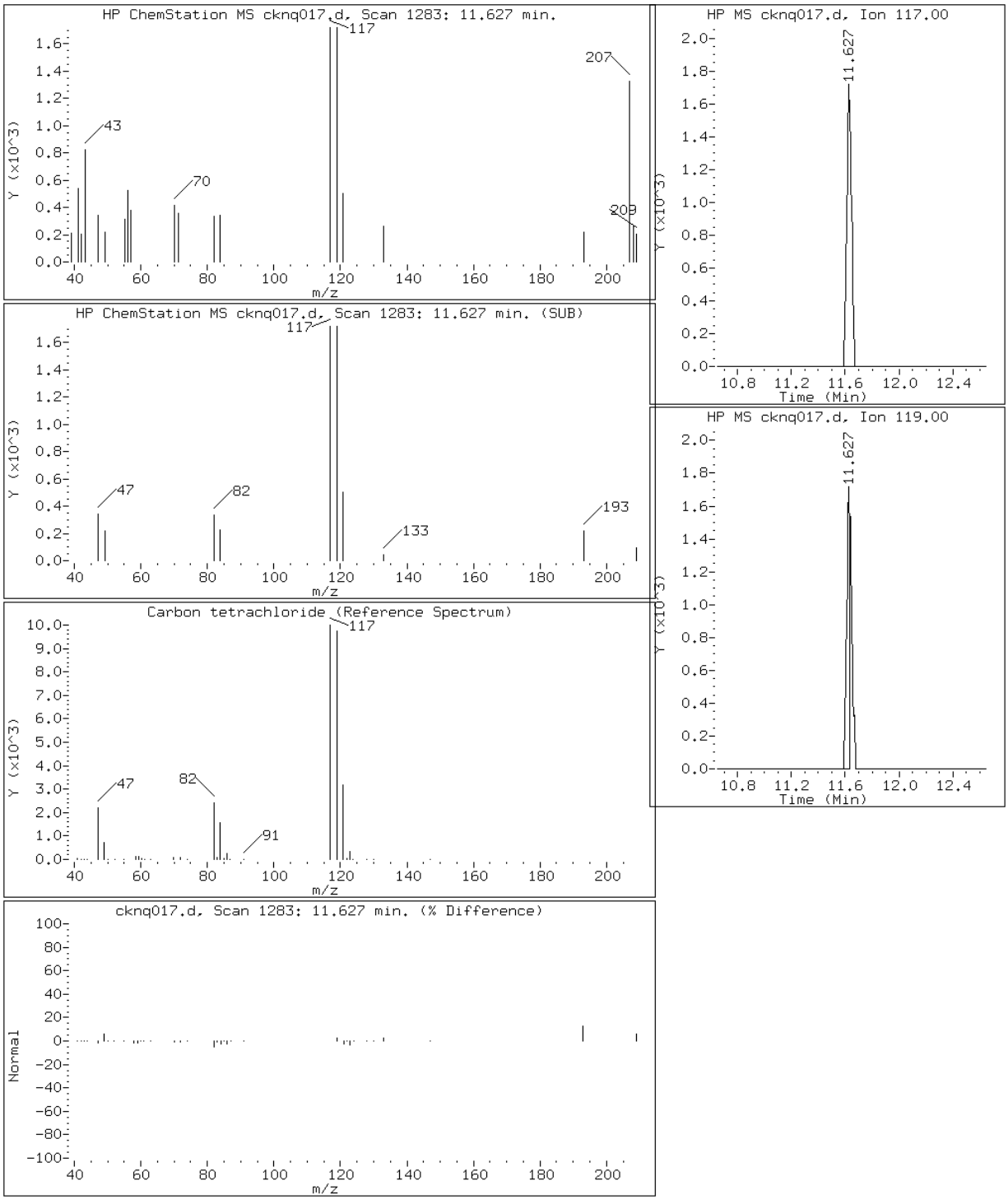
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

42 Carbon tetrachloride



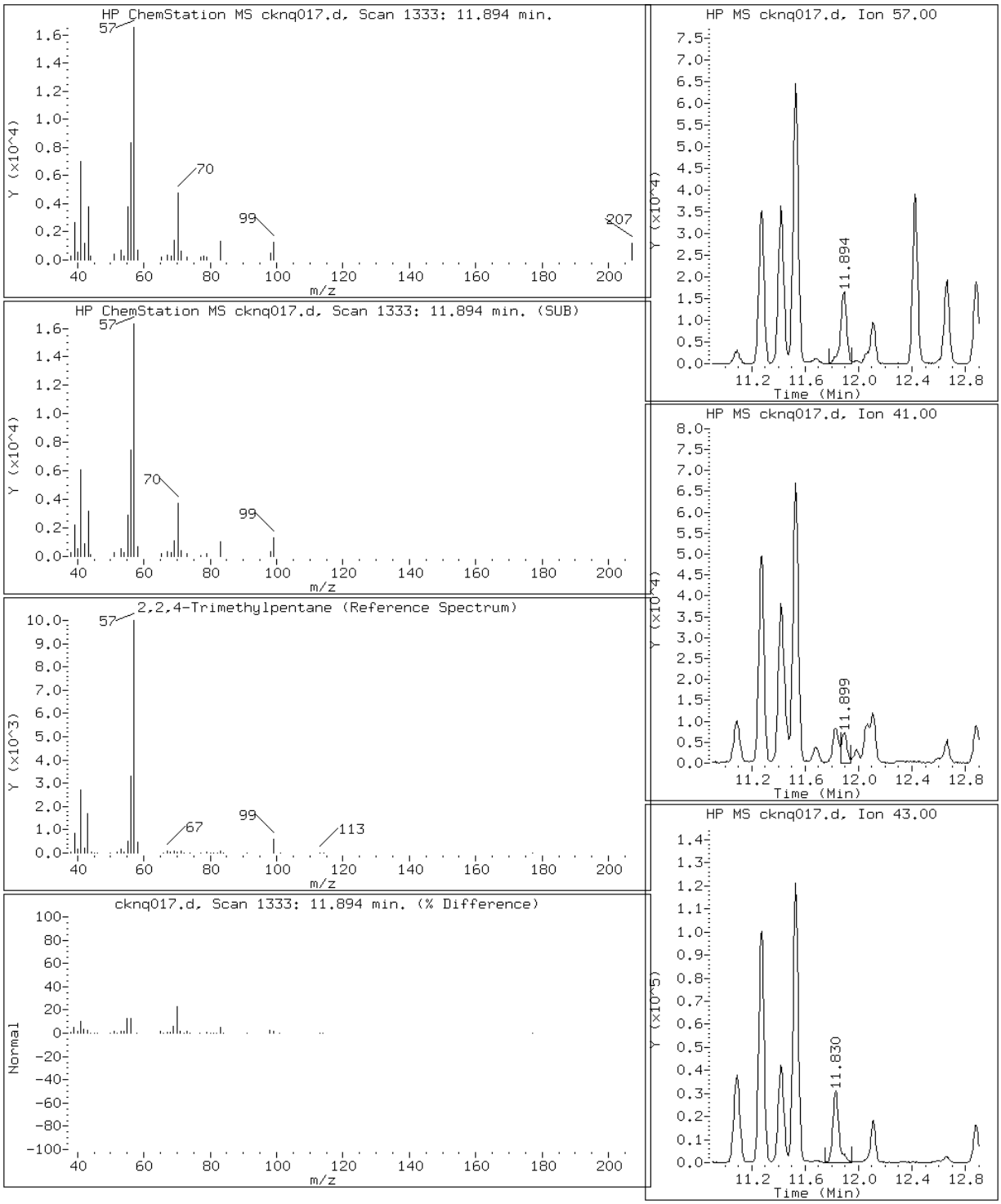
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

43 2,2,4-Trimethylpentane



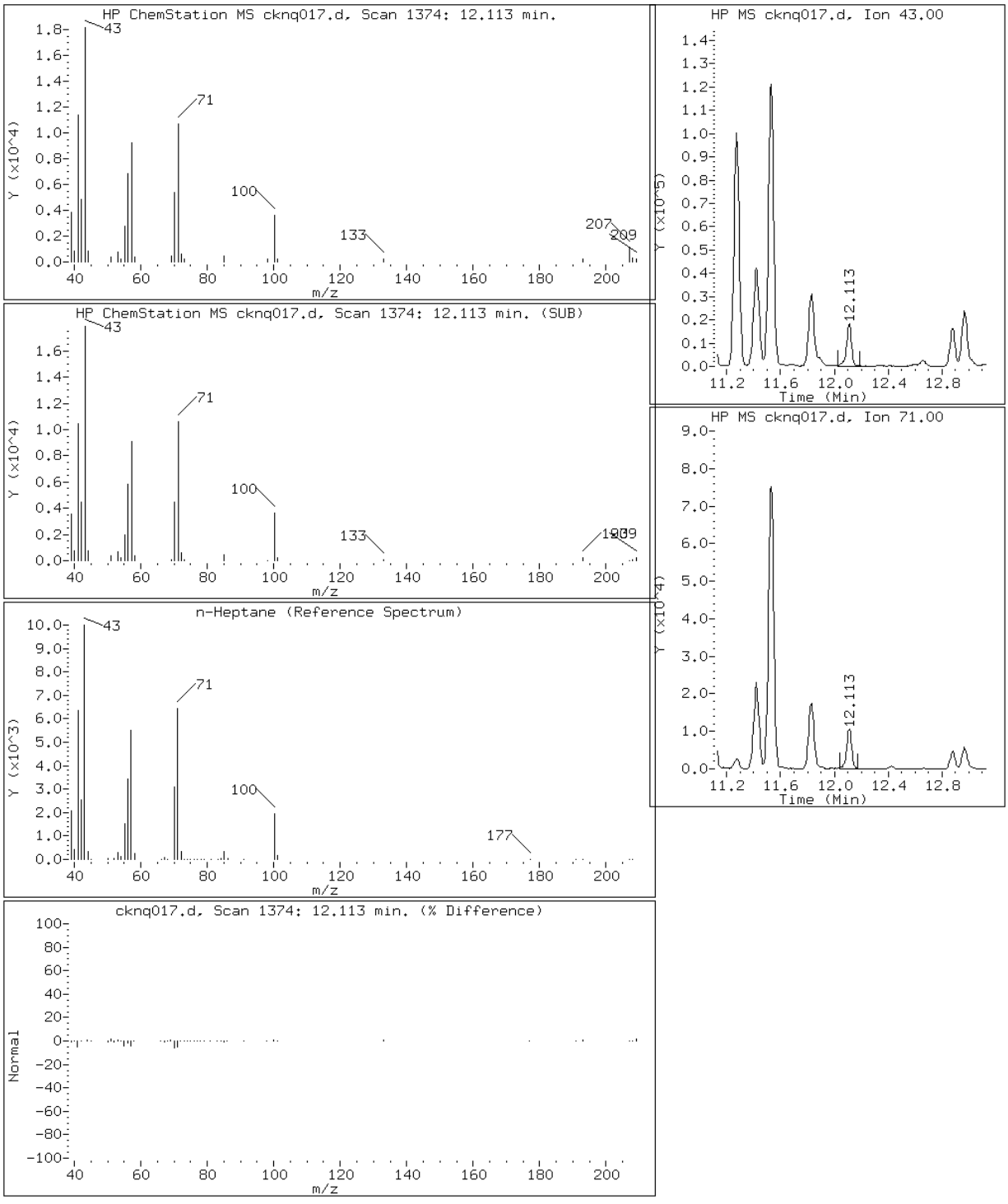
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

46 n-Heptane



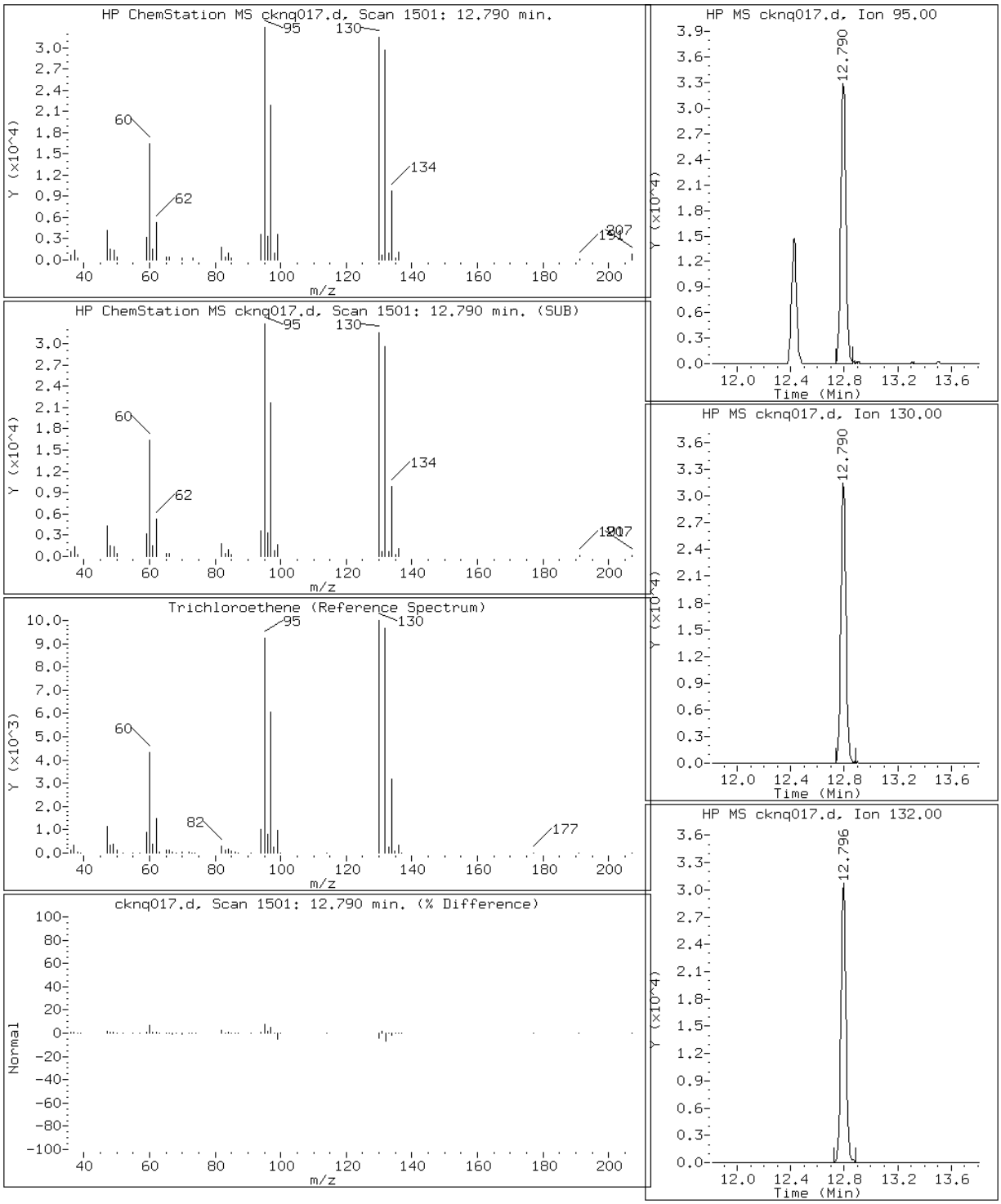
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

49 Trichloroethene



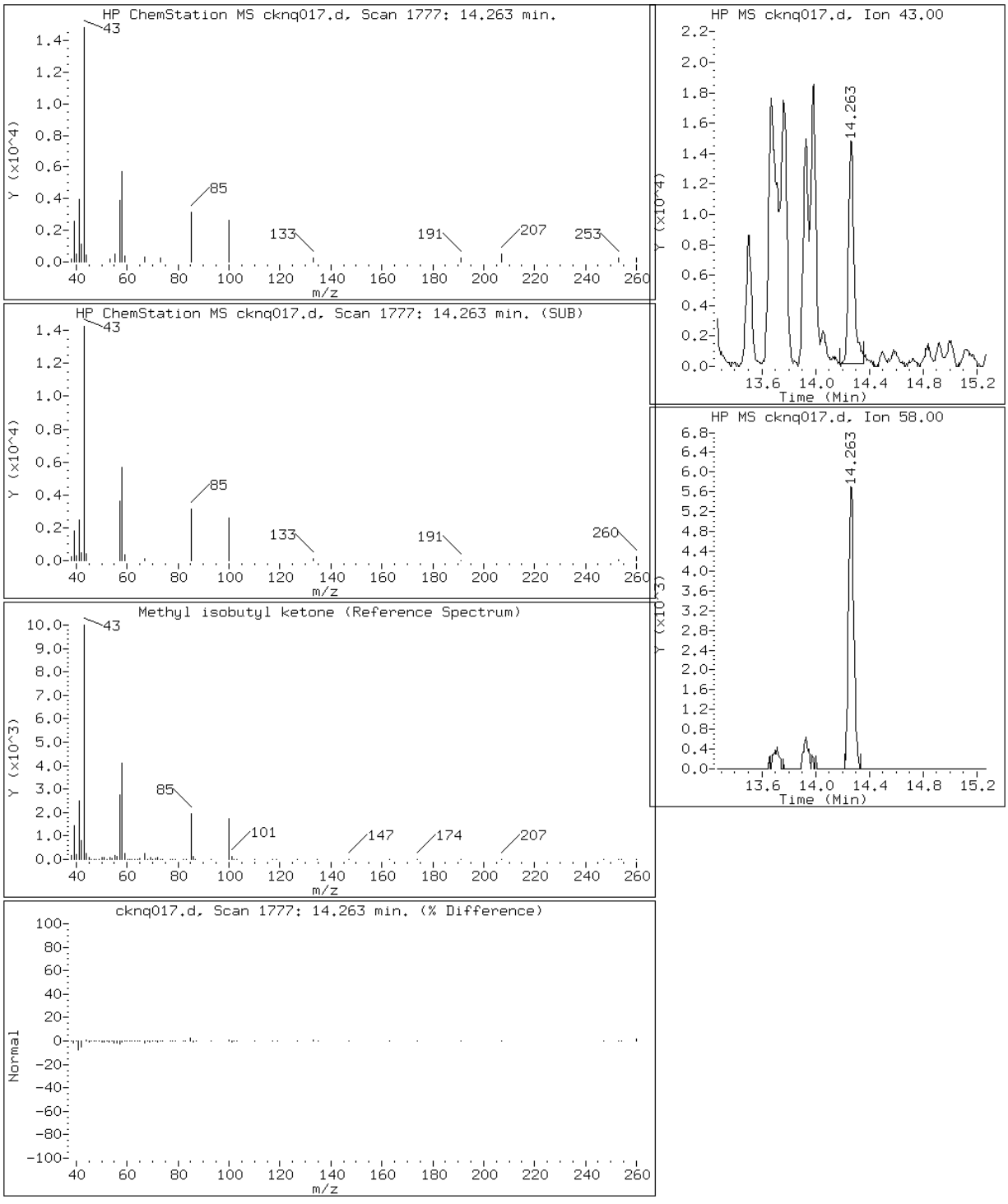
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

56 Methyl isobutyl ketone



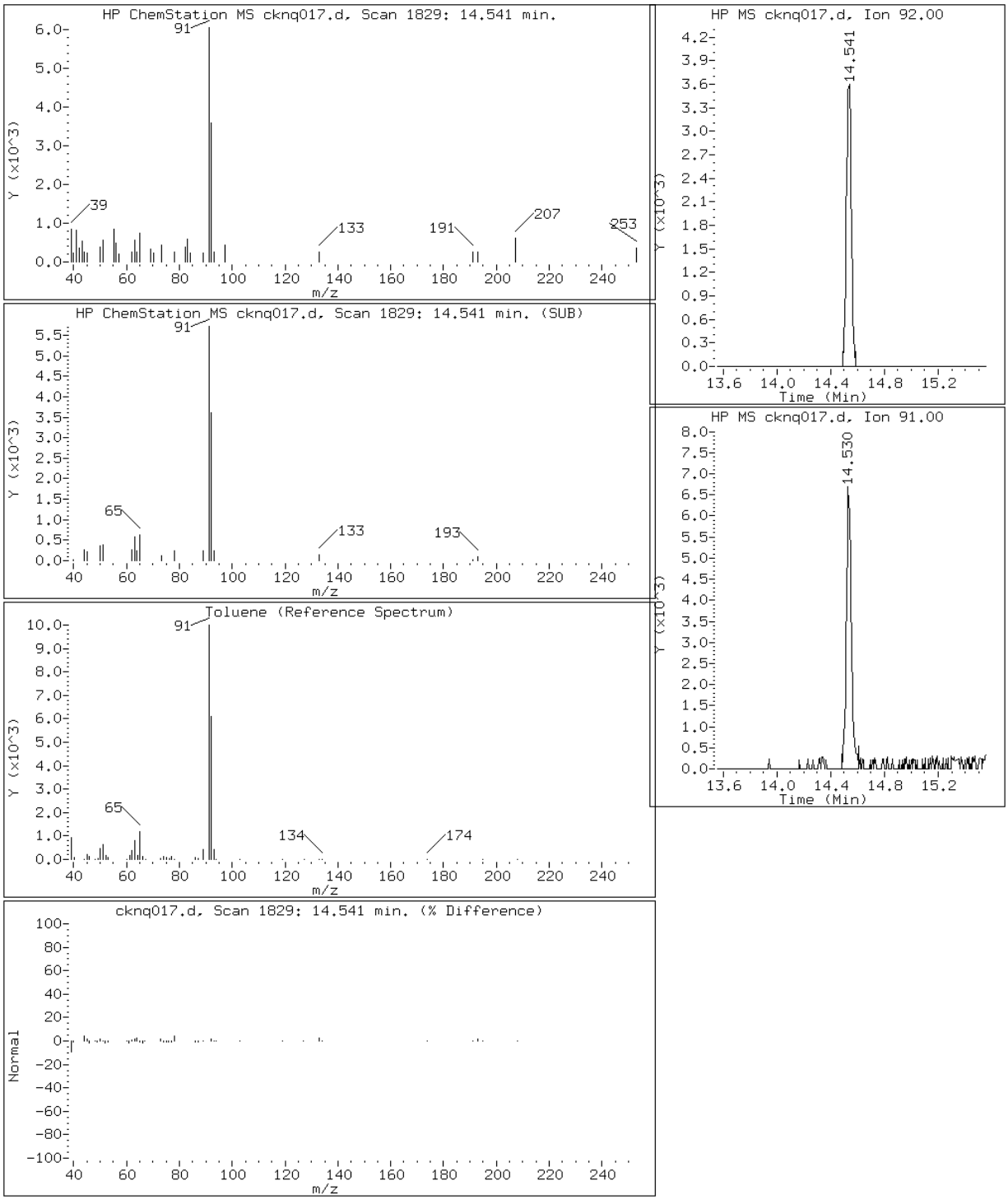
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

58 Toluene



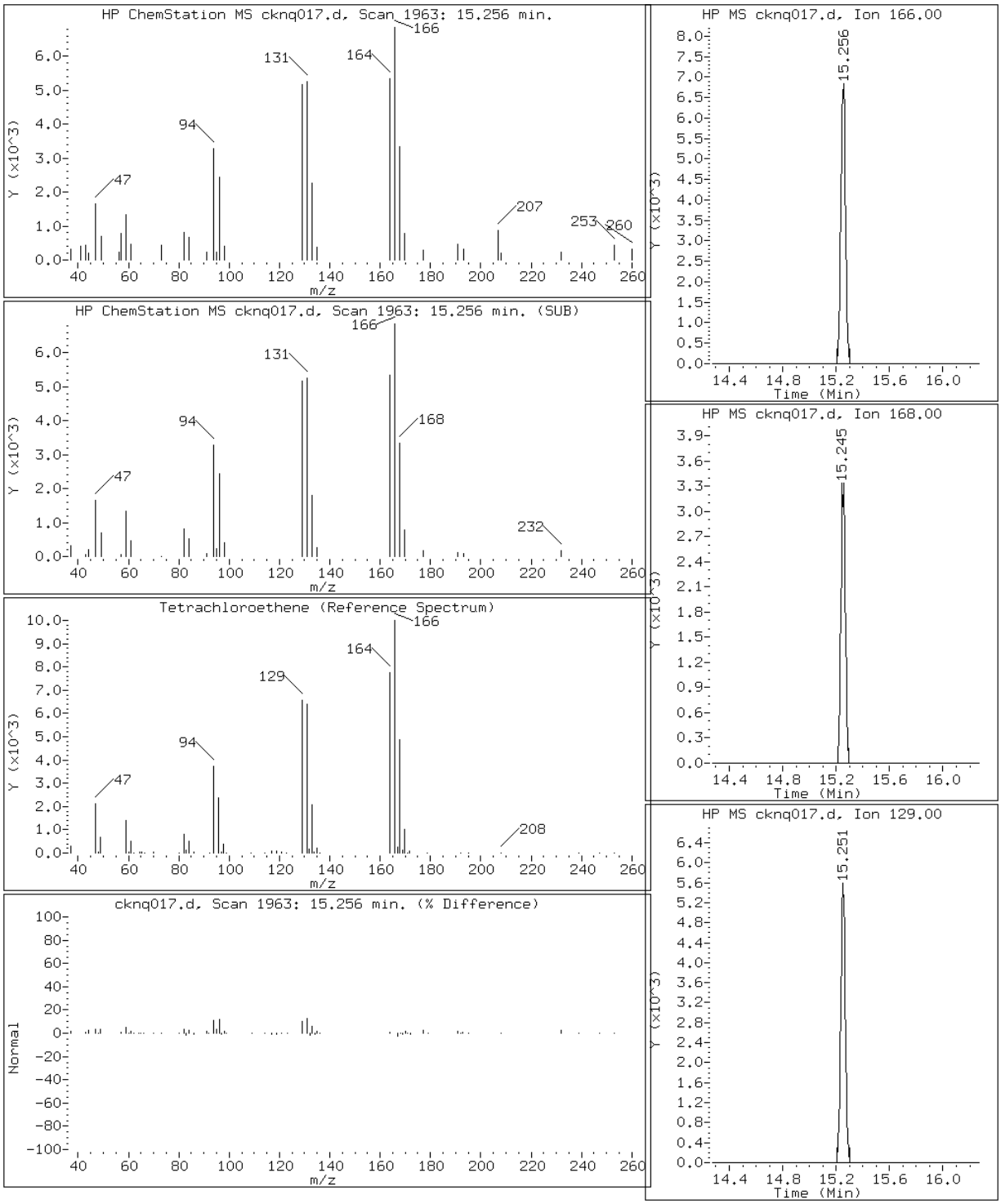
Data File: cknq017.d

Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

61 Tetrachloroethene



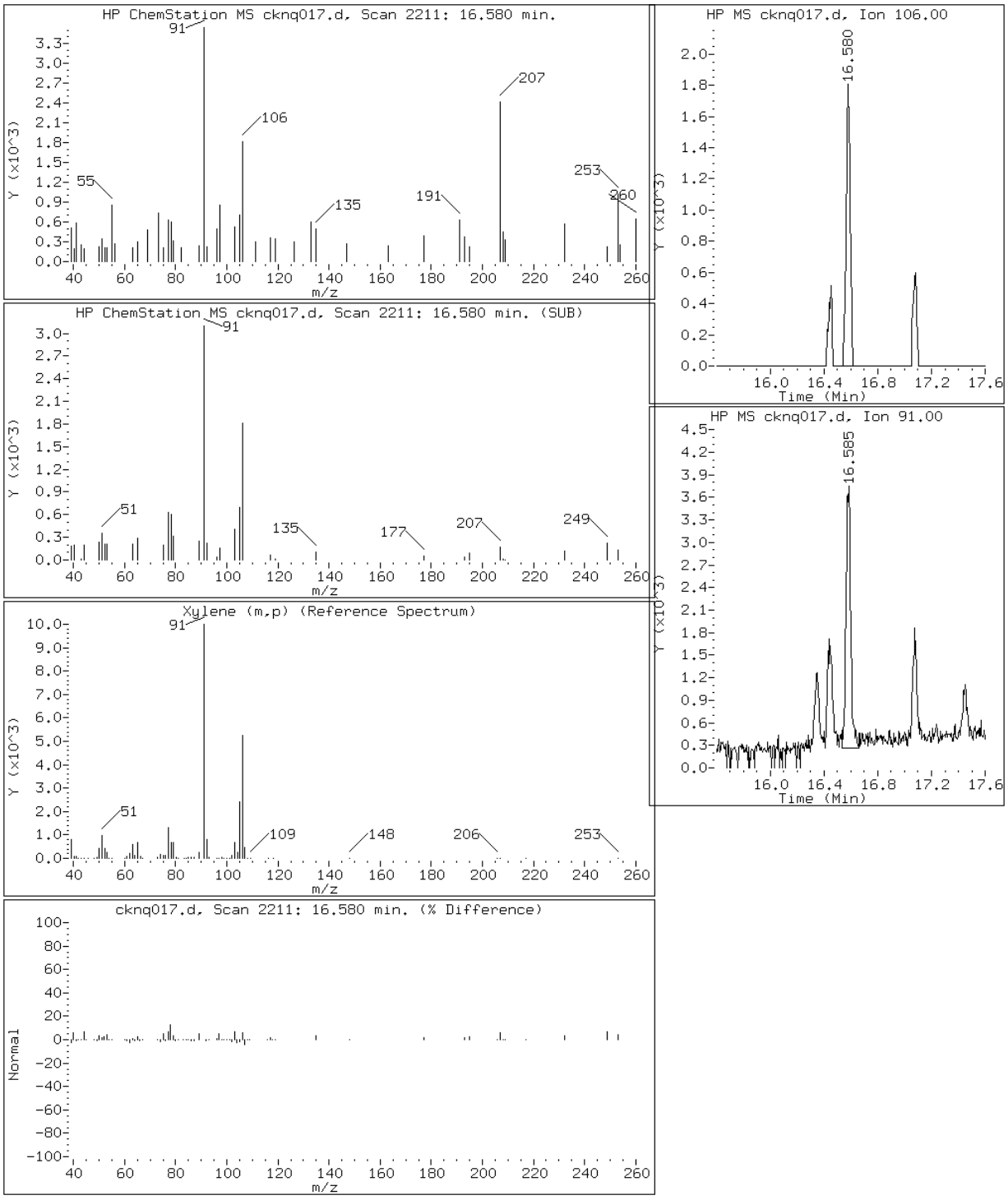
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

69 Xylene (m,p)



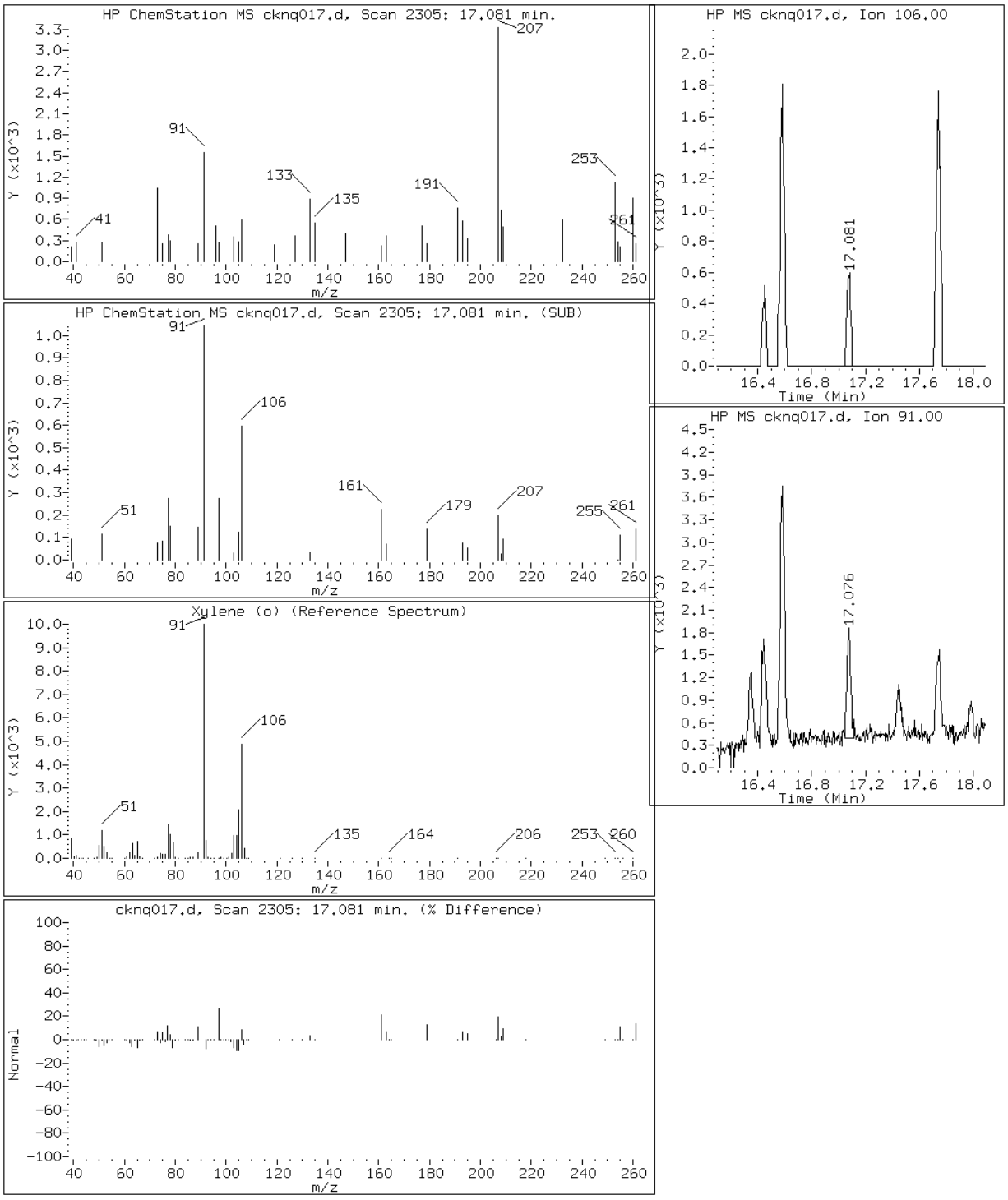
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Lab Sample ID: 280-25116-10 Date: 06-FEB-2012 22:37

Client ID: 786VMP0102AD Instrument: C.i

Sample Info: 280-25116-A-10 Operator: wrd

71 Xylene (o)



Manual Integration Report

Data File: cknq017.d
Lab Sample ID: 280-25116-10
Inj. Date and Time: 06-FEB-2012 22:37
Instrument ID: C.i
Client ID: 786VMP0102AD
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 02/08/2012

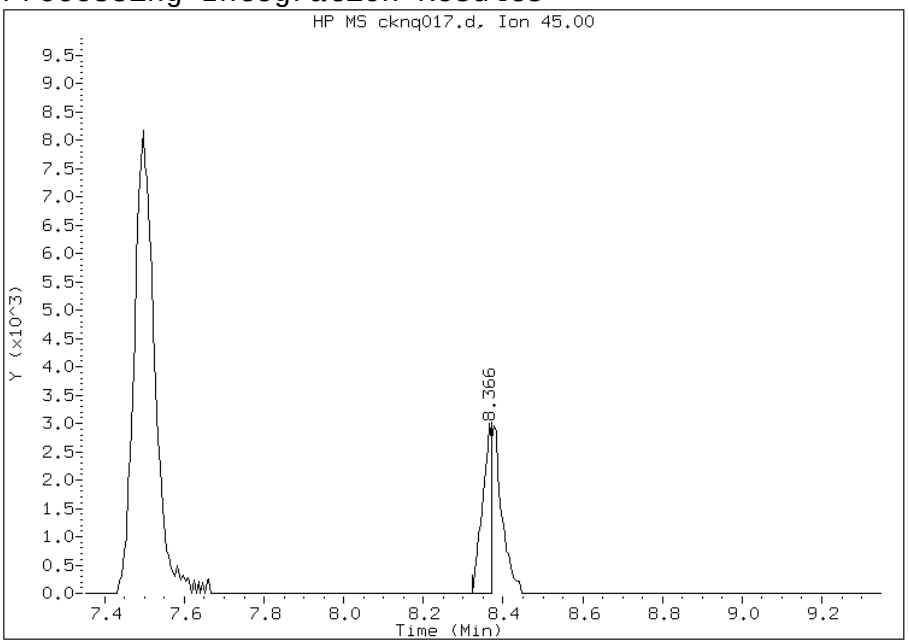
Processing Integration Results

RT: 8.37

Response: 4991

Amount: 0.225933

Conc: 0.225933



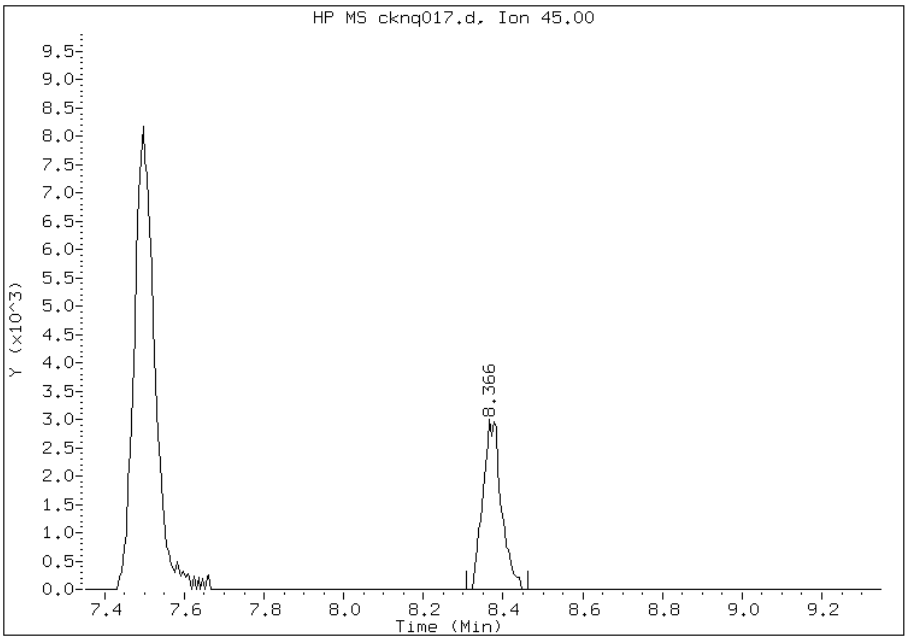
Manual Integration Results

RT: 8.37

Response: 9720

Amount: 0.439922

Conc: 0.439922



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.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0302AD Lab Sample ID: 280-25116-12

Matrix: Air Lab File ID: cknq018.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:20

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 23:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.56		0.50	0.038
75-45-6	Freon 22	86.47	0.27	J	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.070	J M	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.51	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.14	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.16	J	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.41		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.076	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.052	J	0.20	0.036
71-43-2	Benzene	78.11	0.077	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.097	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0302AD Lab Sample ID: 280-25116-12

Matrix: Air Lab File ID: cknq018.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:20

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 23:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.36		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.99		0.50	0.026
108-88-3	Toluene	92.14	0.16	J	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.093	J	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.32	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.087	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.41		0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.068	J	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0302AD Lab Sample ID: 280-25116-12

Matrix: Air Lab File ID: cknq018.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:20

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 23:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0302AD Lab Sample ID: 280-25116-12

Matrix: Air Lab File ID: cknq018.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:20

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 23:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.19
75-45-6	Freon 22	86.47	0.97	J	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.54	J M	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	1.2	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.50	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.47	J	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	1.5		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.48	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.24	J	0.93	0.17
71-43-2	Benzene	78.11	0.25	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.40	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0302AD Lab Sample ID: 280-25116-12

Matrix: Air Lab File ID: cknq018.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:20

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 23:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	1.9		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	4.0		2.0	0.11
108-88-3	Toluene	92.14	0.62	J	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.40	J	0.87	0.096
179601-23-1	m,p-Xylene	106.17	1.4	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.38	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	1.8		0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.33	J	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 786VMP0302AD Lab Sample ID: 280-25116-12

Matrix: Air Lab File ID: cknq018.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:20

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 23:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-12
Client Smp ID: 786VMP0302AD
Inj Date : 06-FEB-2012 23:27
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-12
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	5.063	5.057	(0.456)	34330	0.55566	0.56
3 Chlorodifluoromethane	51	5.105	5.100	(0.460)	9071	0.27362	0.27(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	7.139	7.149	(0.643)	15390	0.24592	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.722)	3067	0.07030	0.070(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.243	8.211	(0.742)	15818	0.50647	0.51(a)
21 Carbon disulfide	76	Compound Not Detected.					

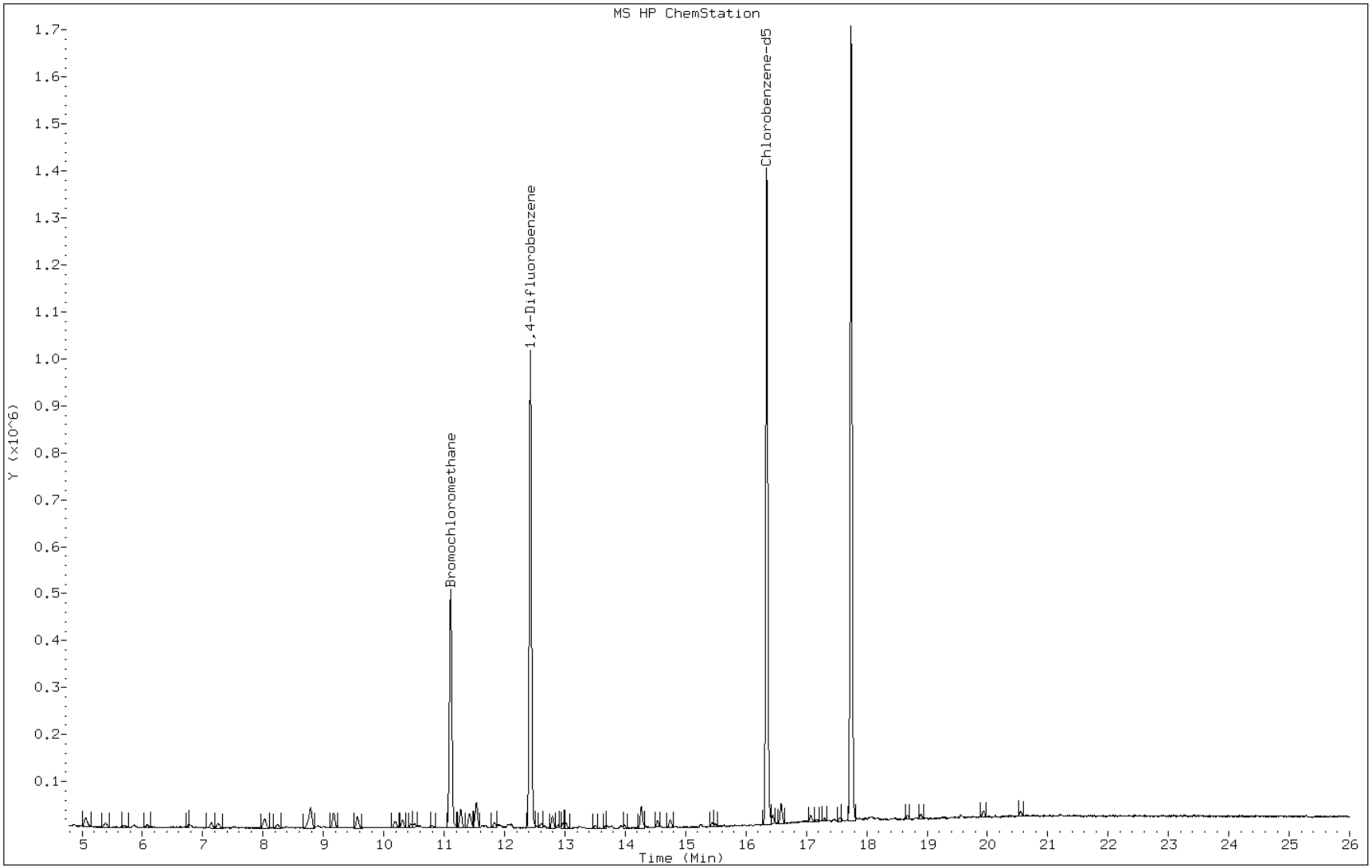
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.900	8.910	(0.802)	3376	0.14382	0.14(a)
	26 Tert-butyl alcohol	59	9.017	8.969	(0.812)	4969	0.15602	0.16(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.556	9.572	(0.861)	15771	0.41380	0.41
	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	11.104	11.125	(1.000)	191505	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	11.627	11.648	(0.936)	4463	0.07648	0.076(a)
	43 2,2,4-Trimethylpentane	57	11.894	11.904	(0.957)	6538	0.05222	0.052(aQ)
	44 Benzene	78	11.942	11.958	(0.961)	6153	0.07711	0.077(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.118	12.129	(0.975)	4515	0.09725	0.097(a)
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1119672	10.0000	
	49 Trichloroethene	95	12.801	12.812	(1.030)	12948	0.36221	0.36
	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	14.269	14.269	(1.148)	47317	0.98655	0.99
	58 Toluene	92	14.536	14.557	(0.889)	9351	0.16404	0.16(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	16.345	16.366	(1.000)	1026736	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.446	16.462	(1.006)	11715	0.09283	0.093(a)
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	15829	0.31911	0.32(a)
M	70 Xylenes, Total	106				19967	0.40657	0.41
	71 Xylene (o)	106	17.071	17.092	(1.044)	4138	0.08745	0.087(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	18.677	18.693	(1.143)	7961	0.06812	0.068(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.
M - Compound response manually integrated.

Data File:	cknq018.d	Date:	06-FEB-2012 23:27
Client ID:	786VMP0302AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-12		
Lab Sample ID:	280-25116-12		



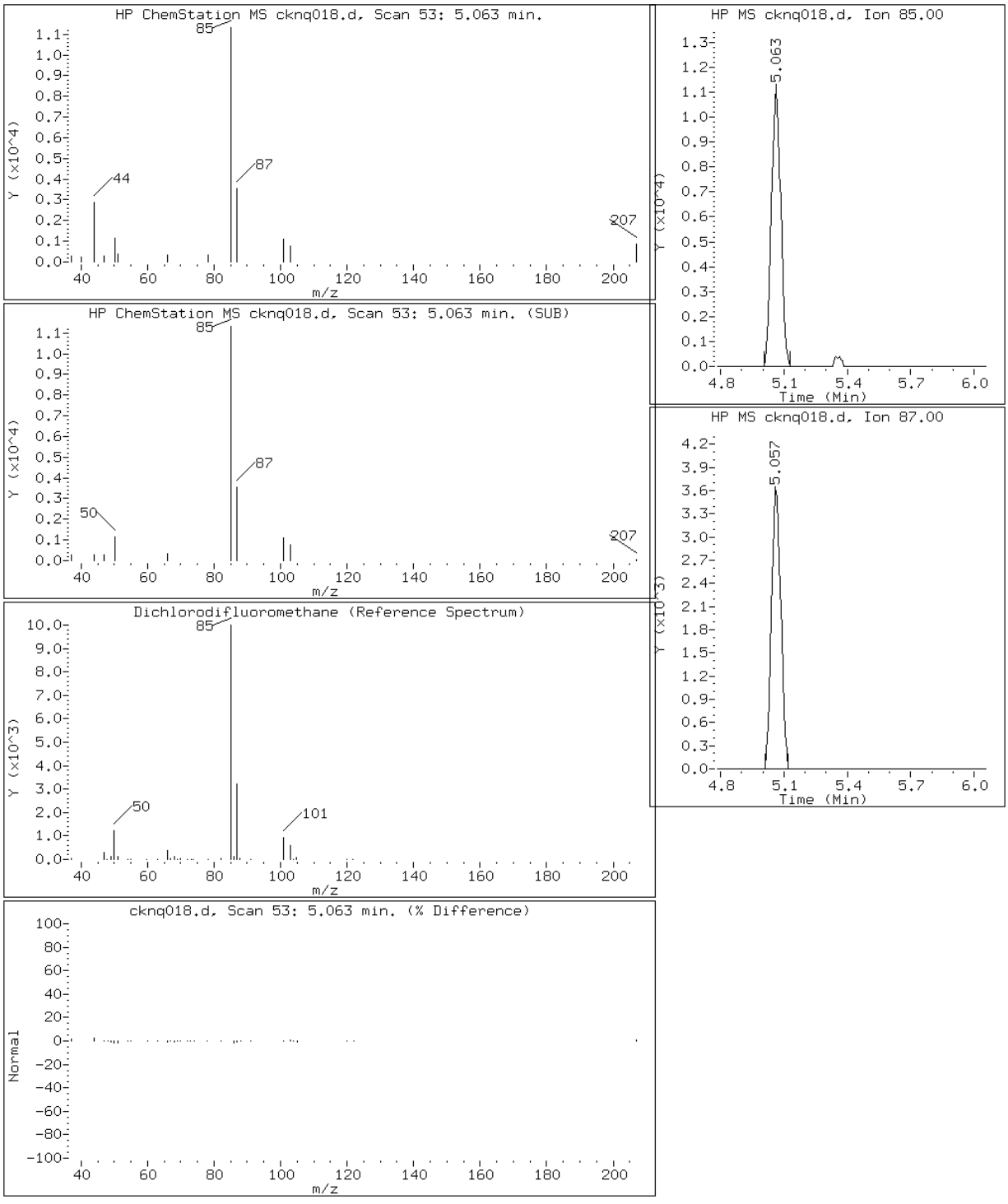
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Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

2 Dichlorodifluoromethane



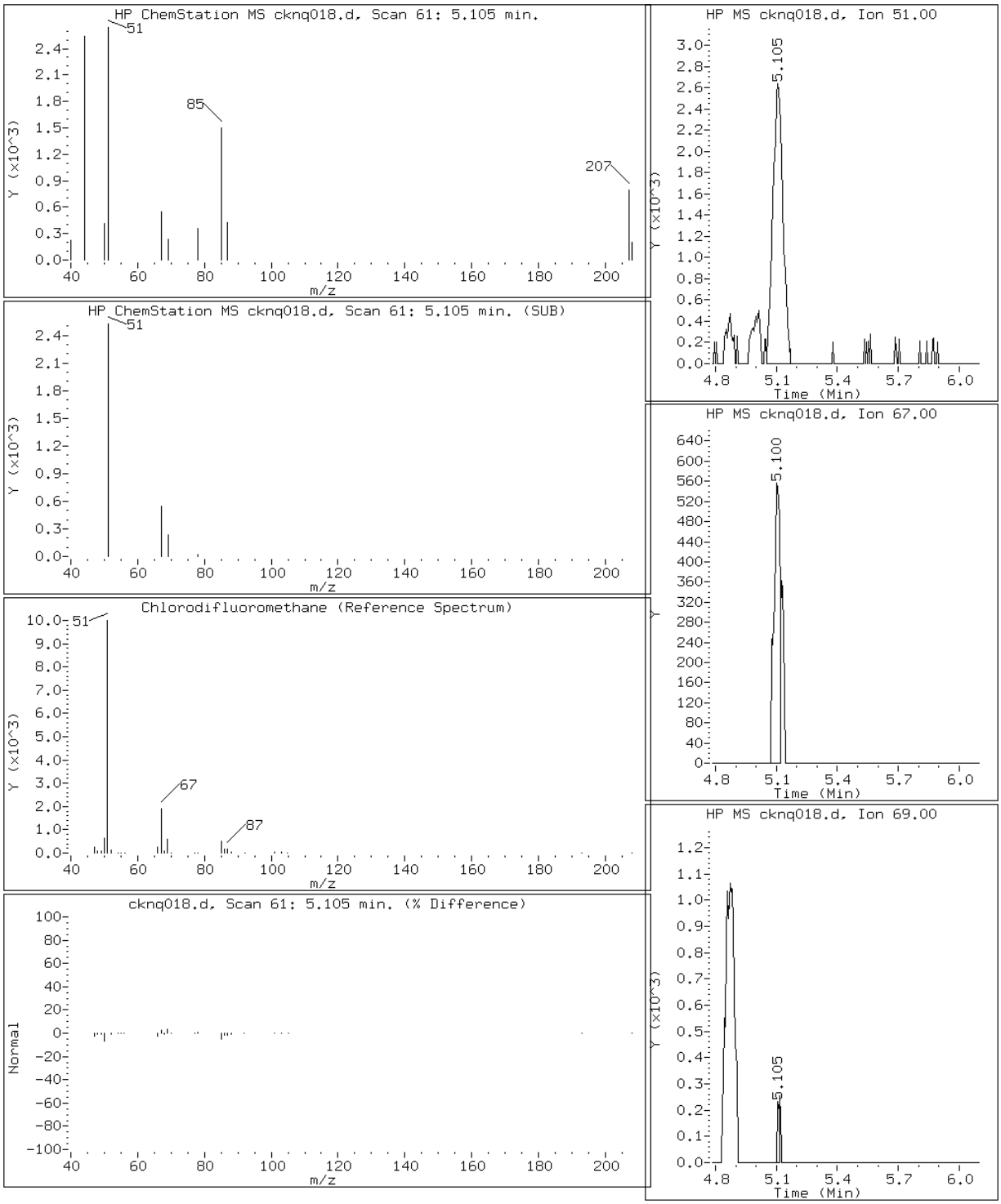
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Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

3 Chlorodifluoromethane



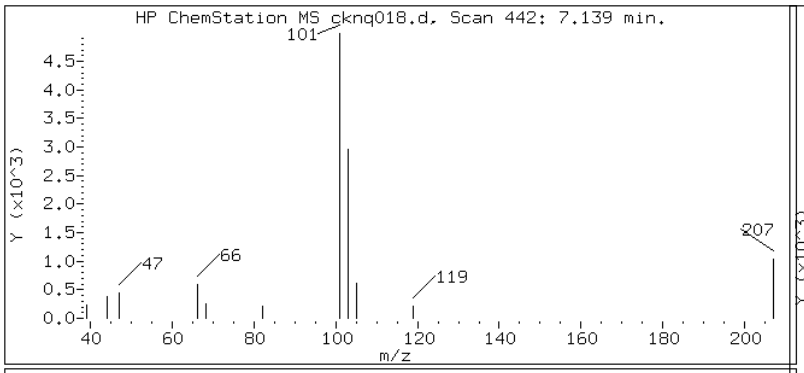
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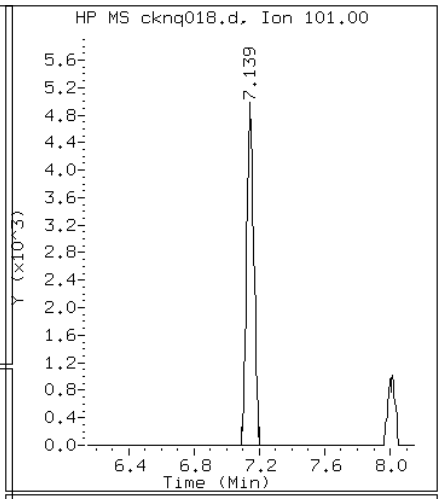
Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

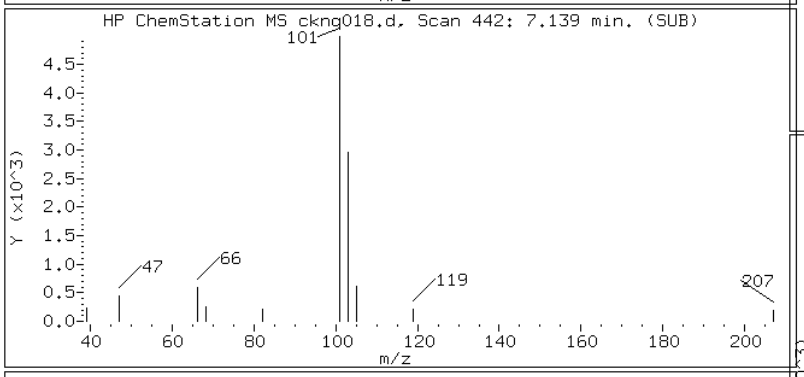
Client ID: 786VMP0302AD Instrument: C.i

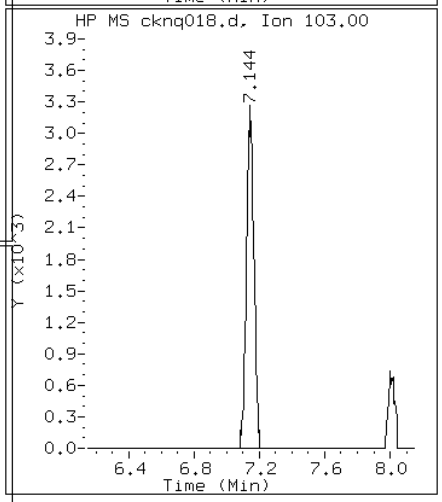
Sample Info: 280-25116-A-12 Operator: wrd

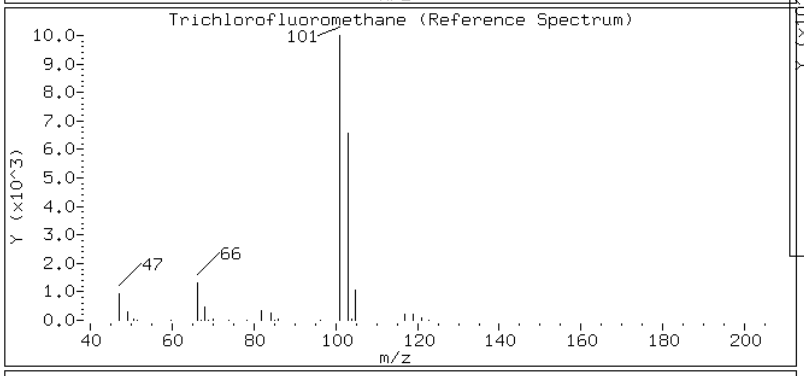
13 Trichlorofluoromethane

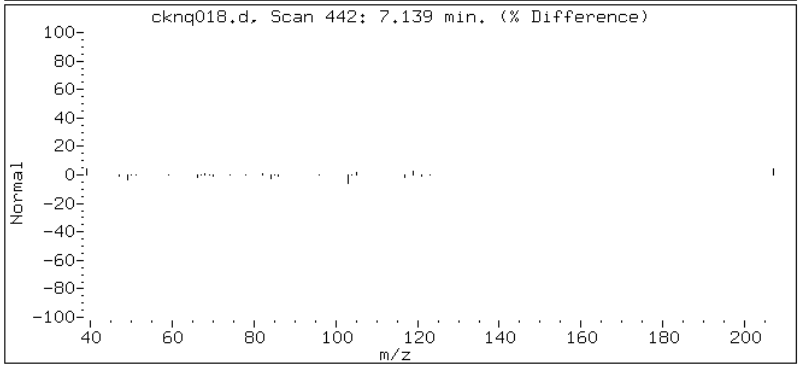












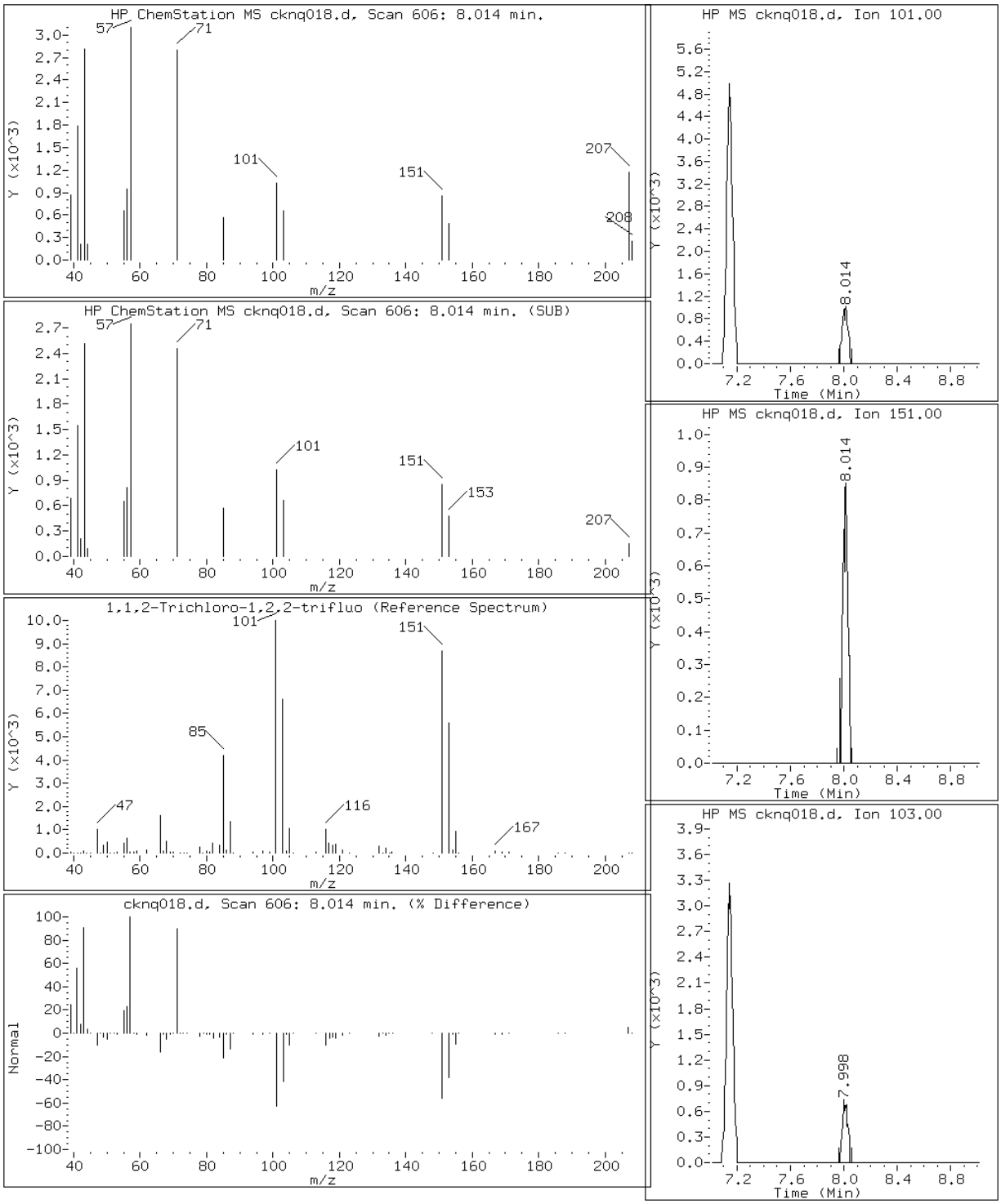
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

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



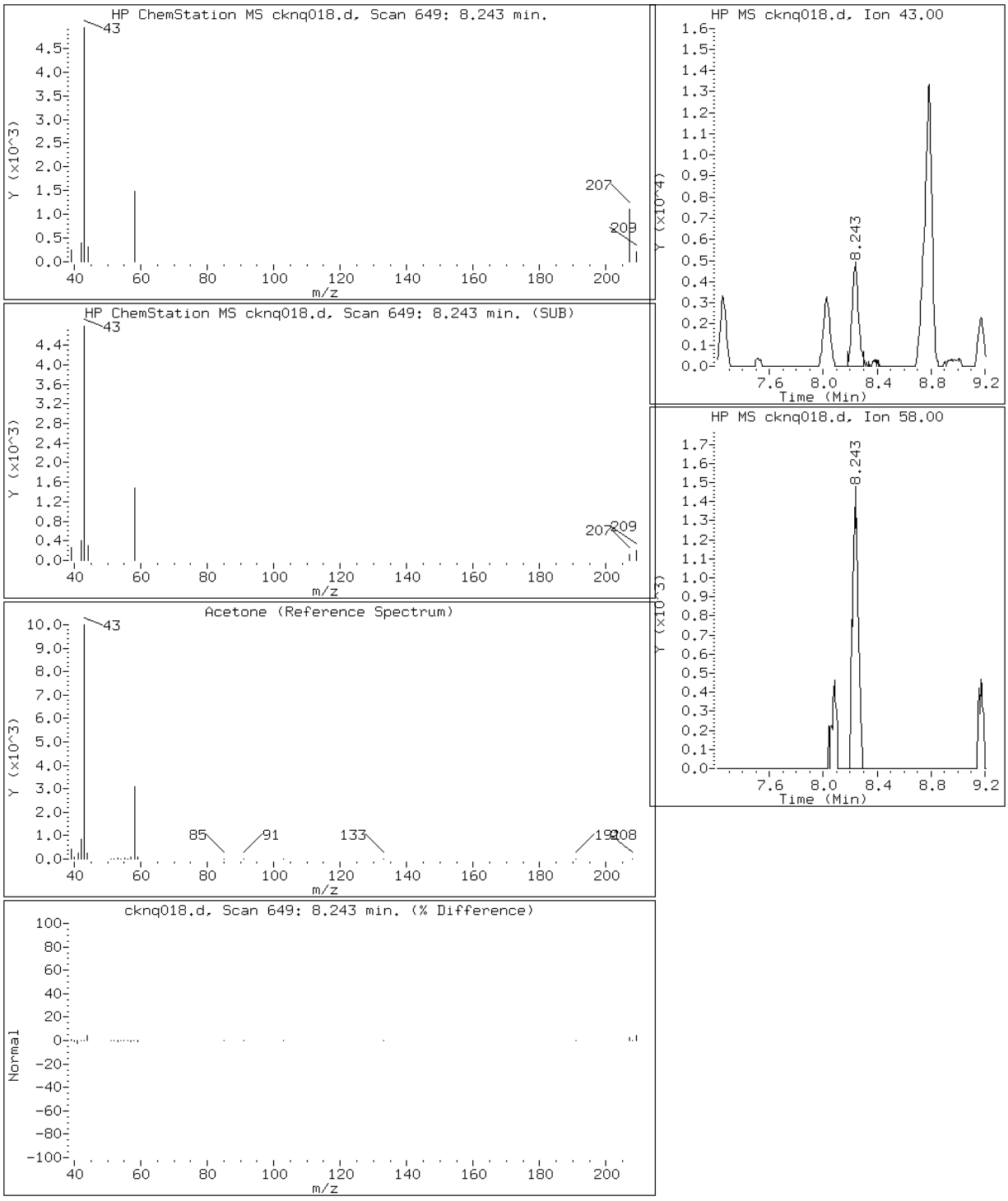
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

20 Acetone



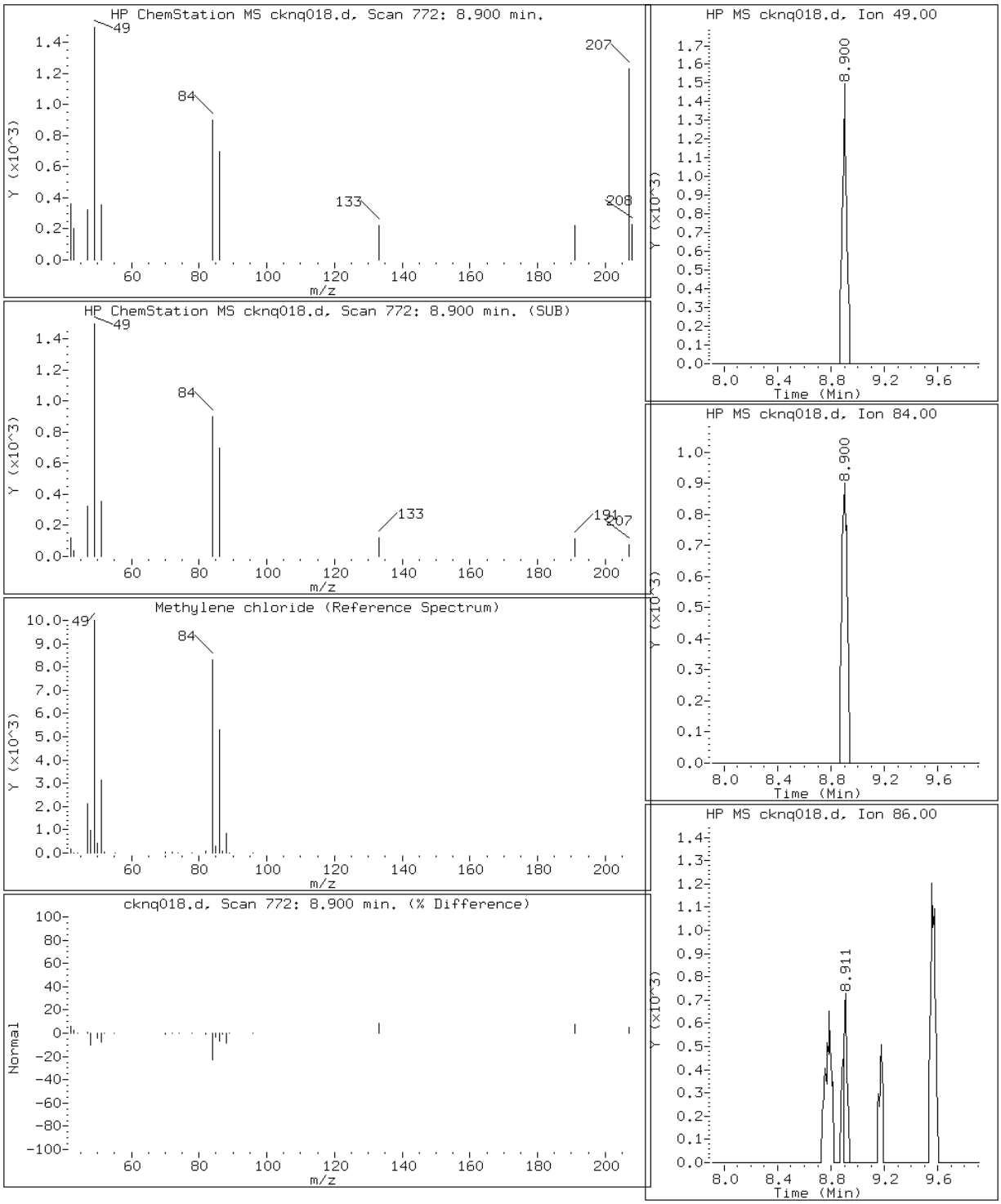
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

25 Methylene chloride



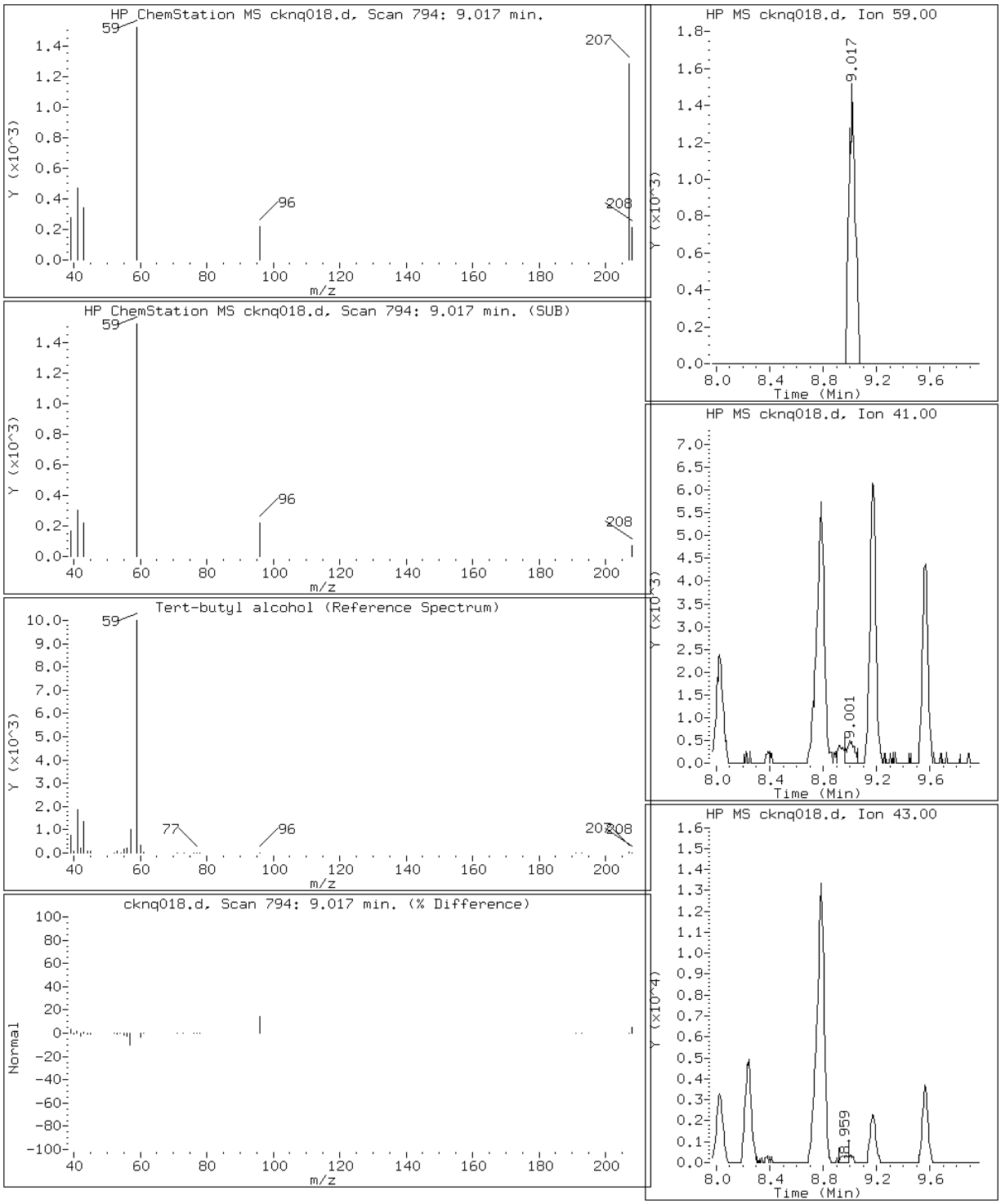
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Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

26 Tert-butyl alcohol



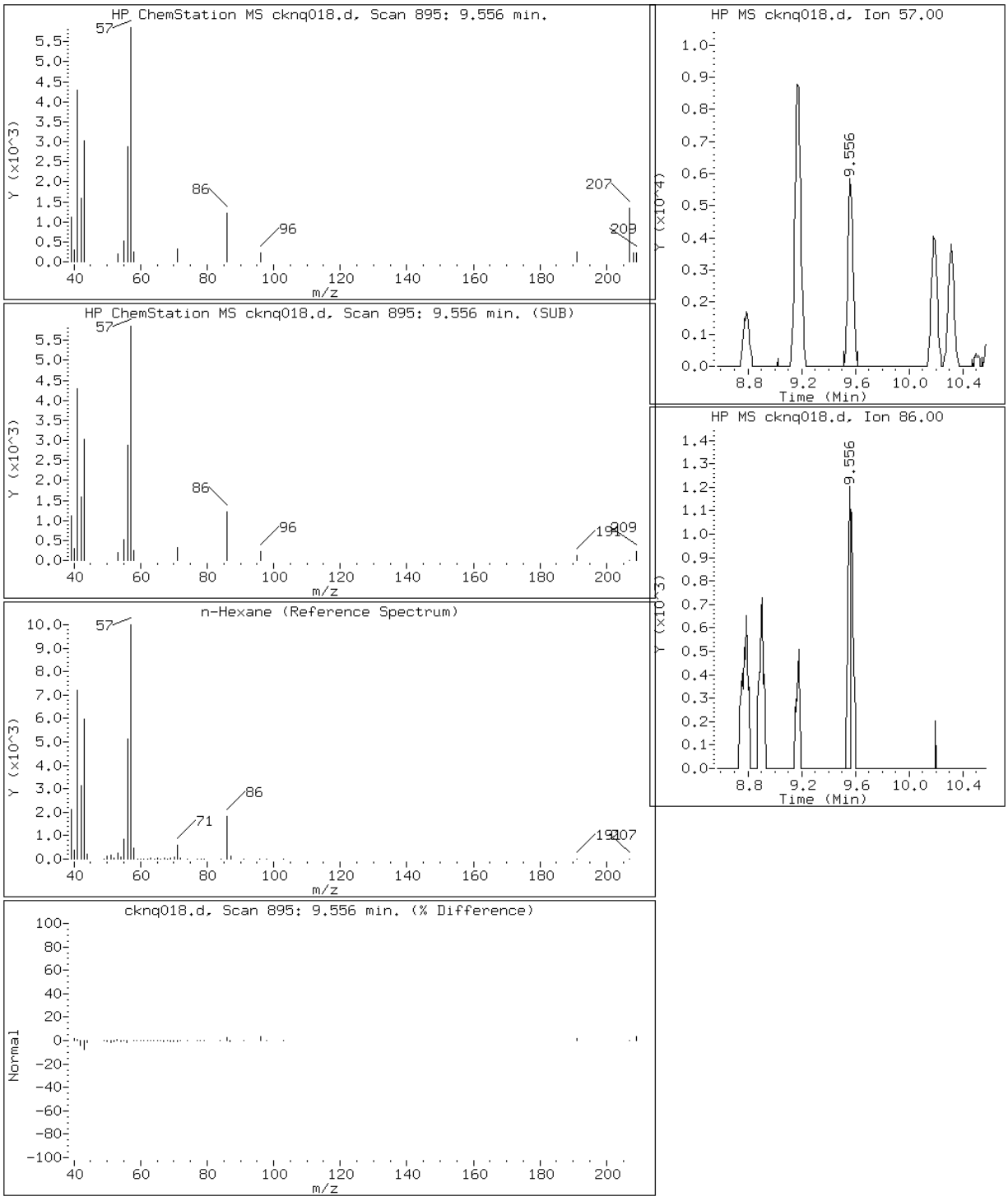
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

30 n-Hexane



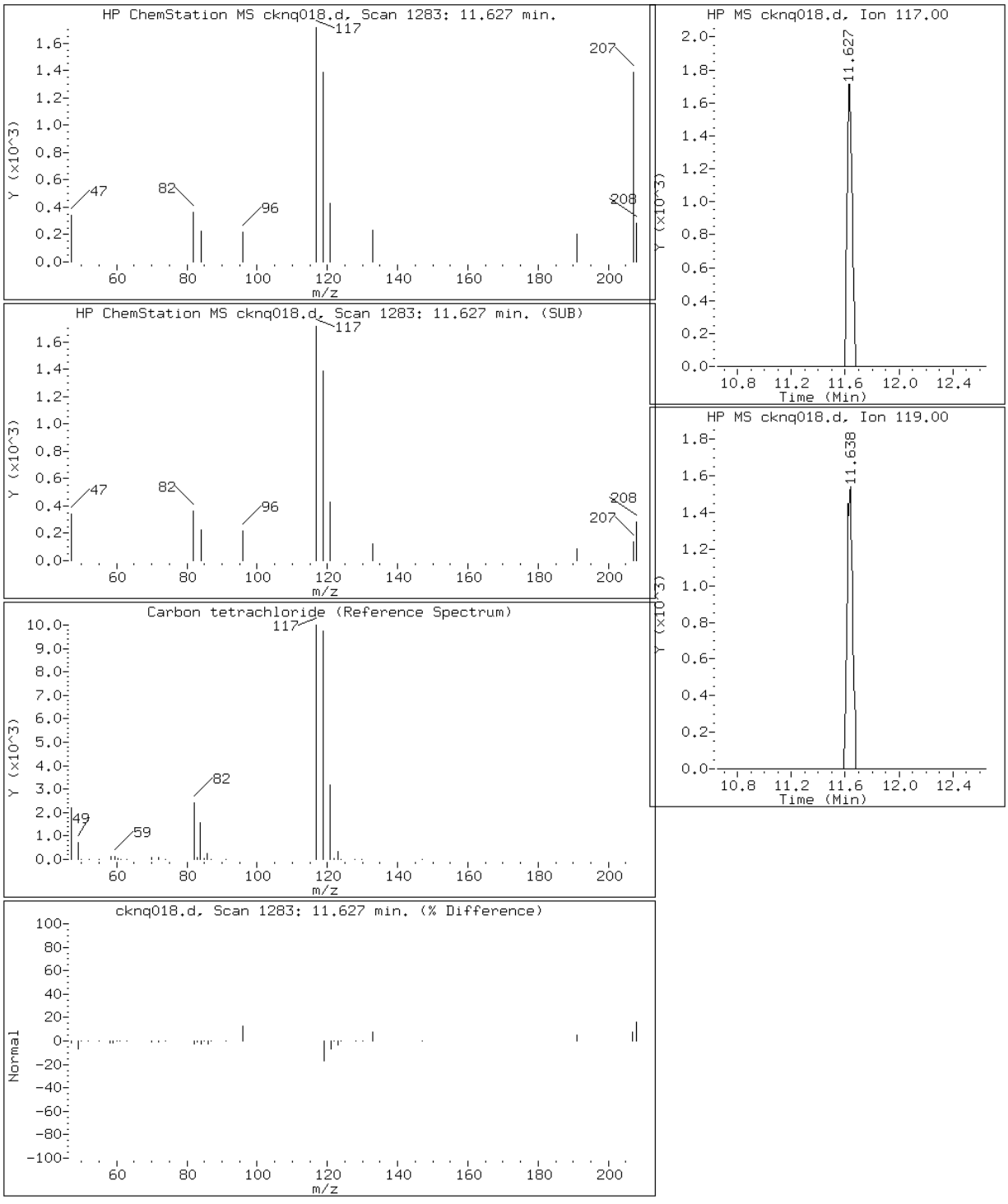
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

42 Carbon tetrachloride



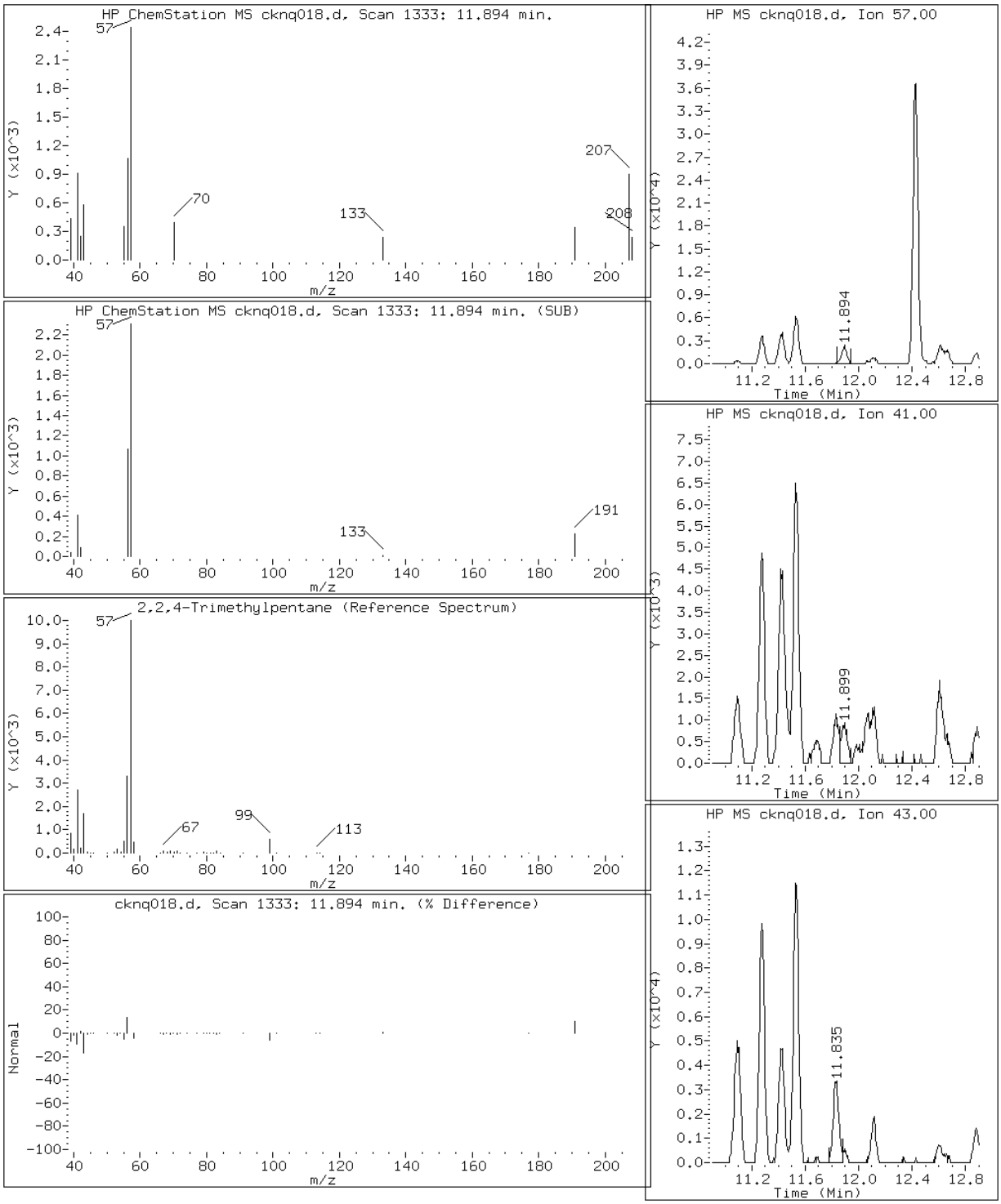
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Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

43 2,2,4-Trimethylpentane



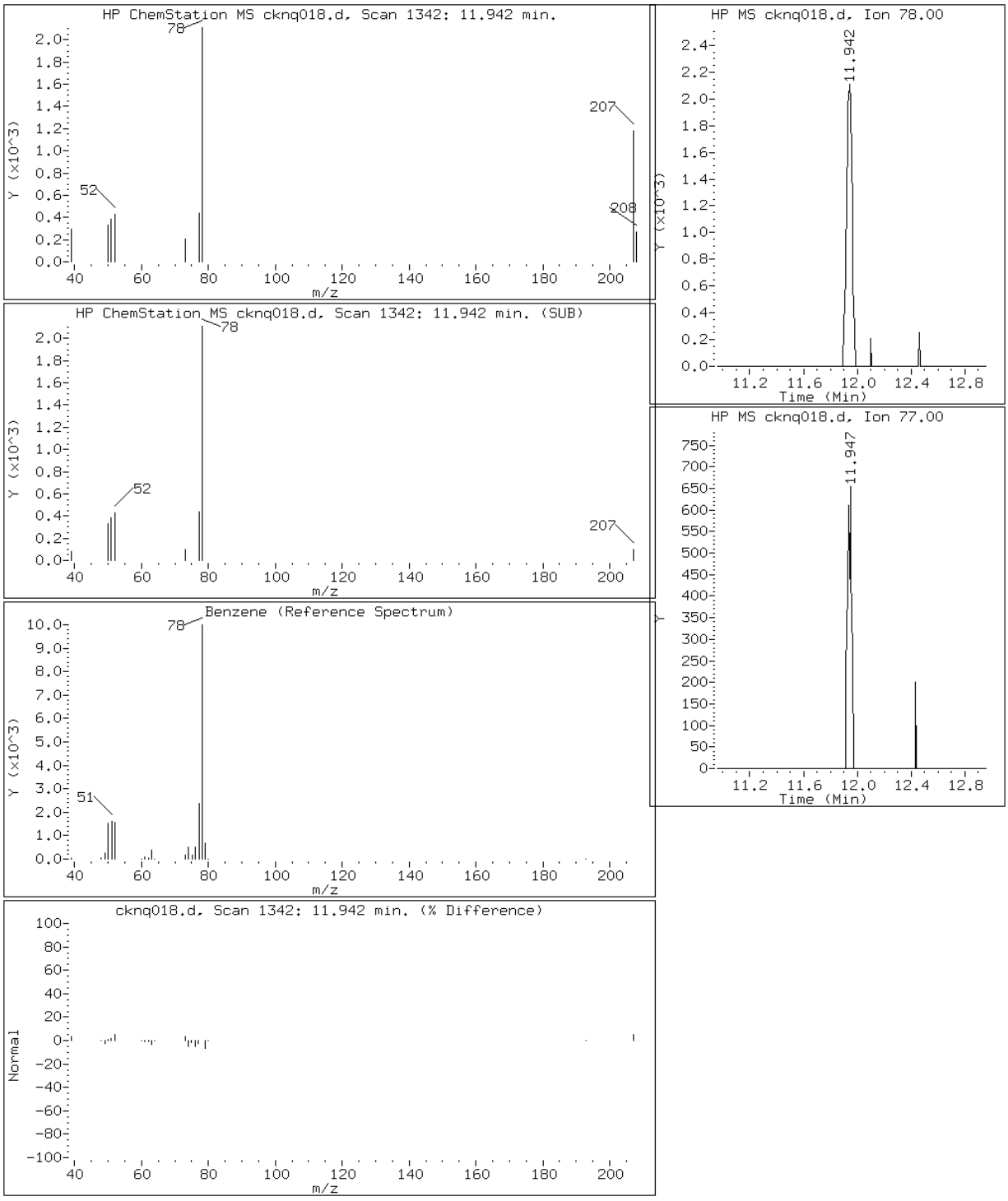
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Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

44 Benzene



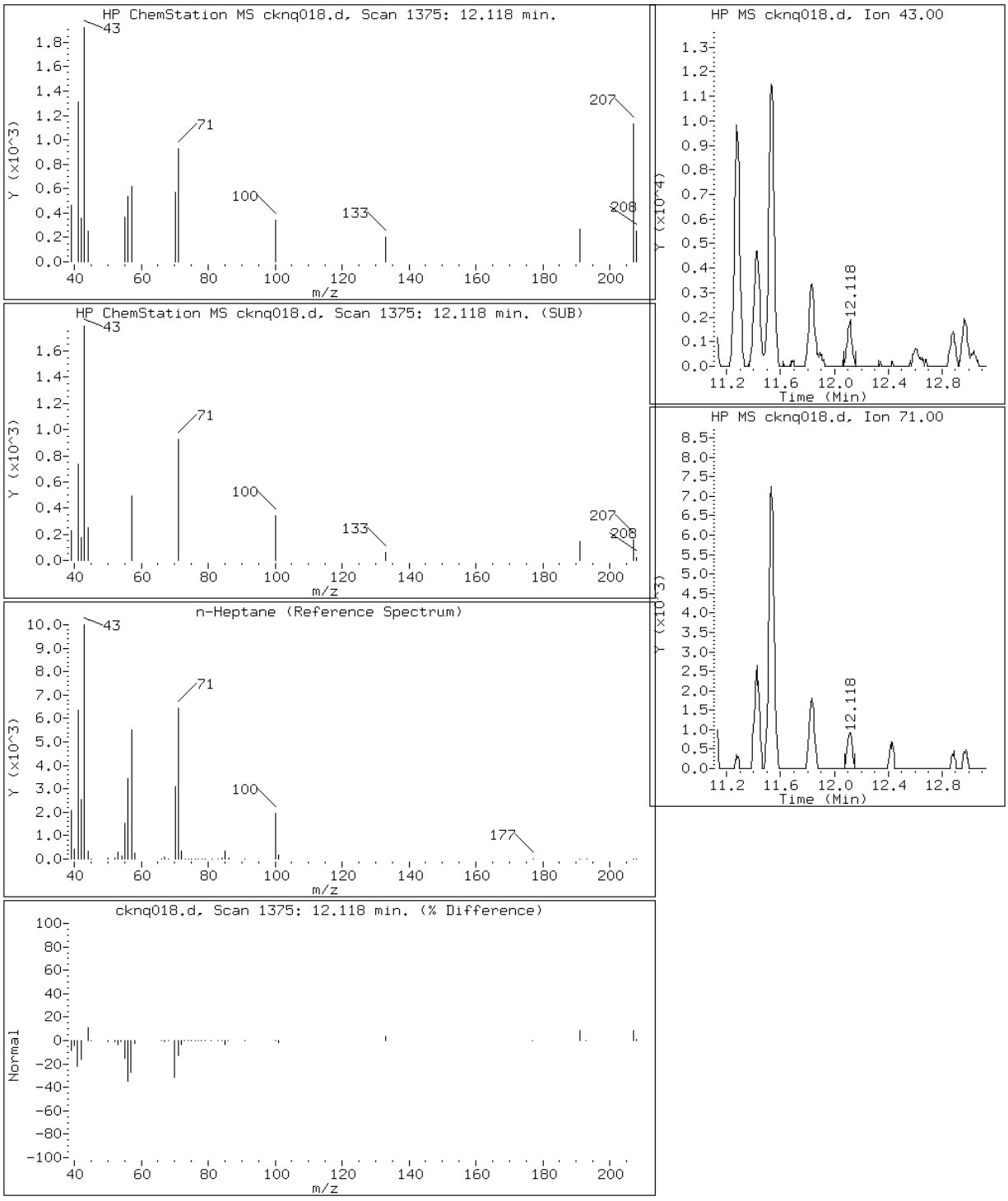
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Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

46 n-Heptane



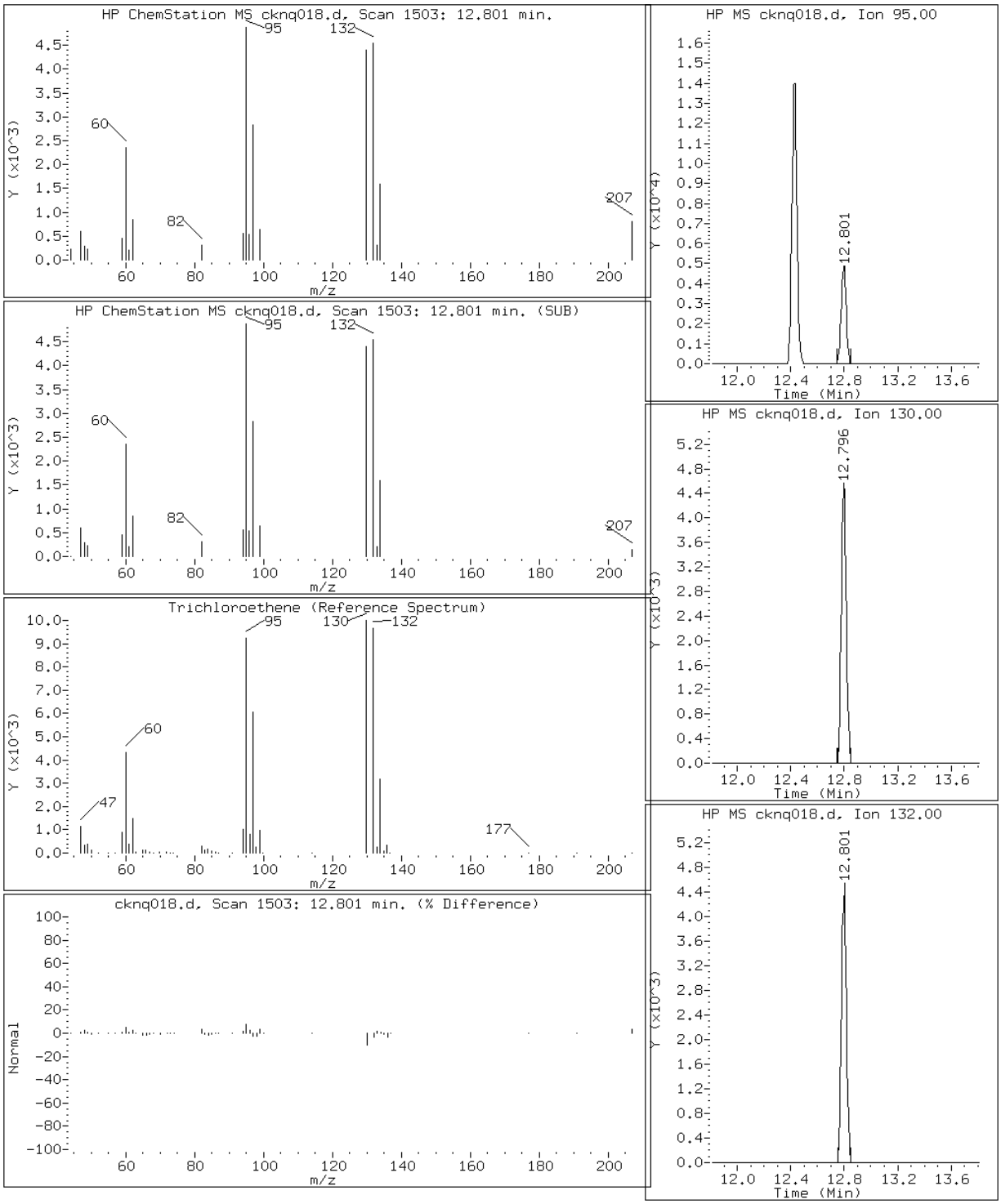
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

49 Trichloroethene



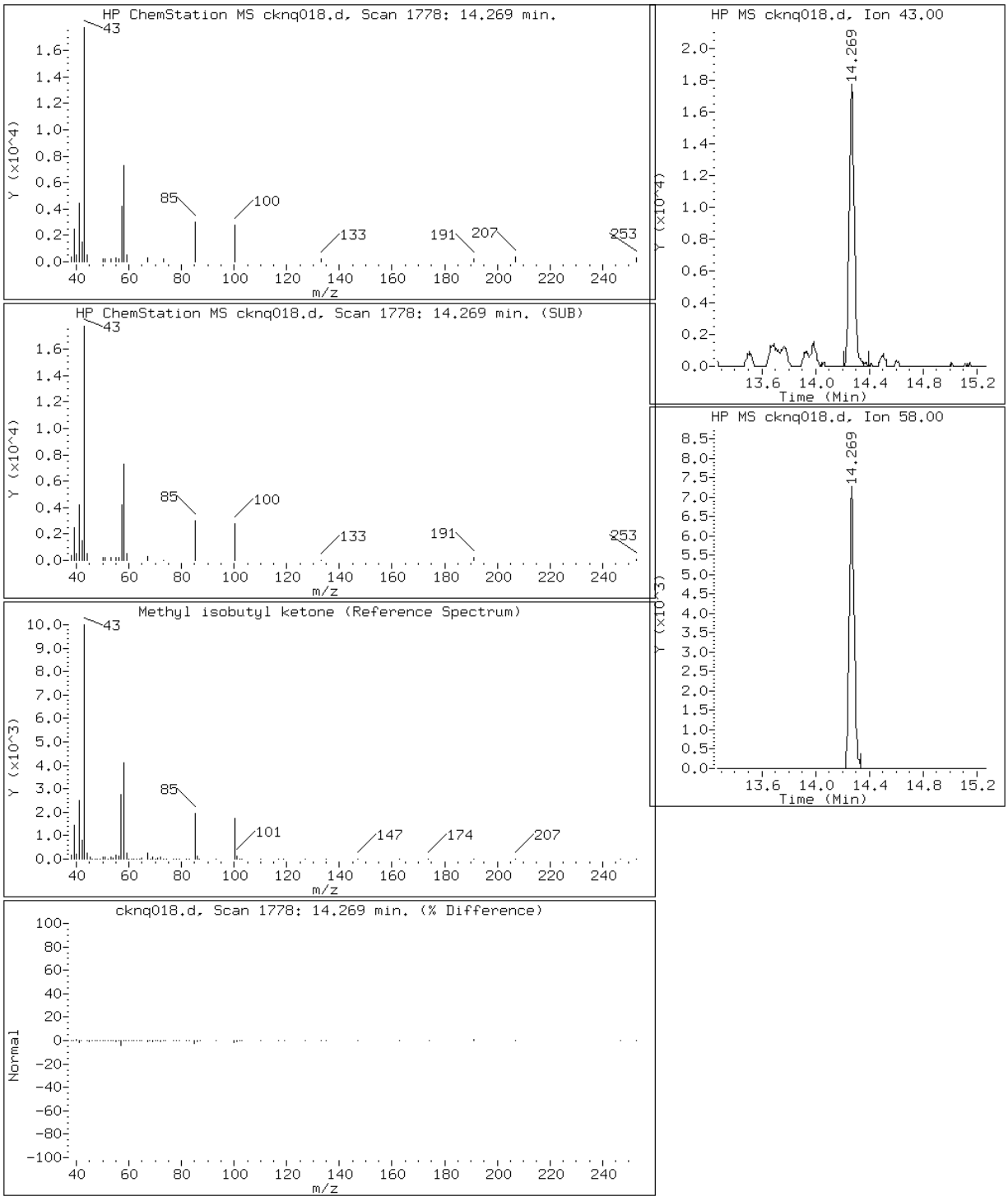
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

56 Methyl isobutyl ketone



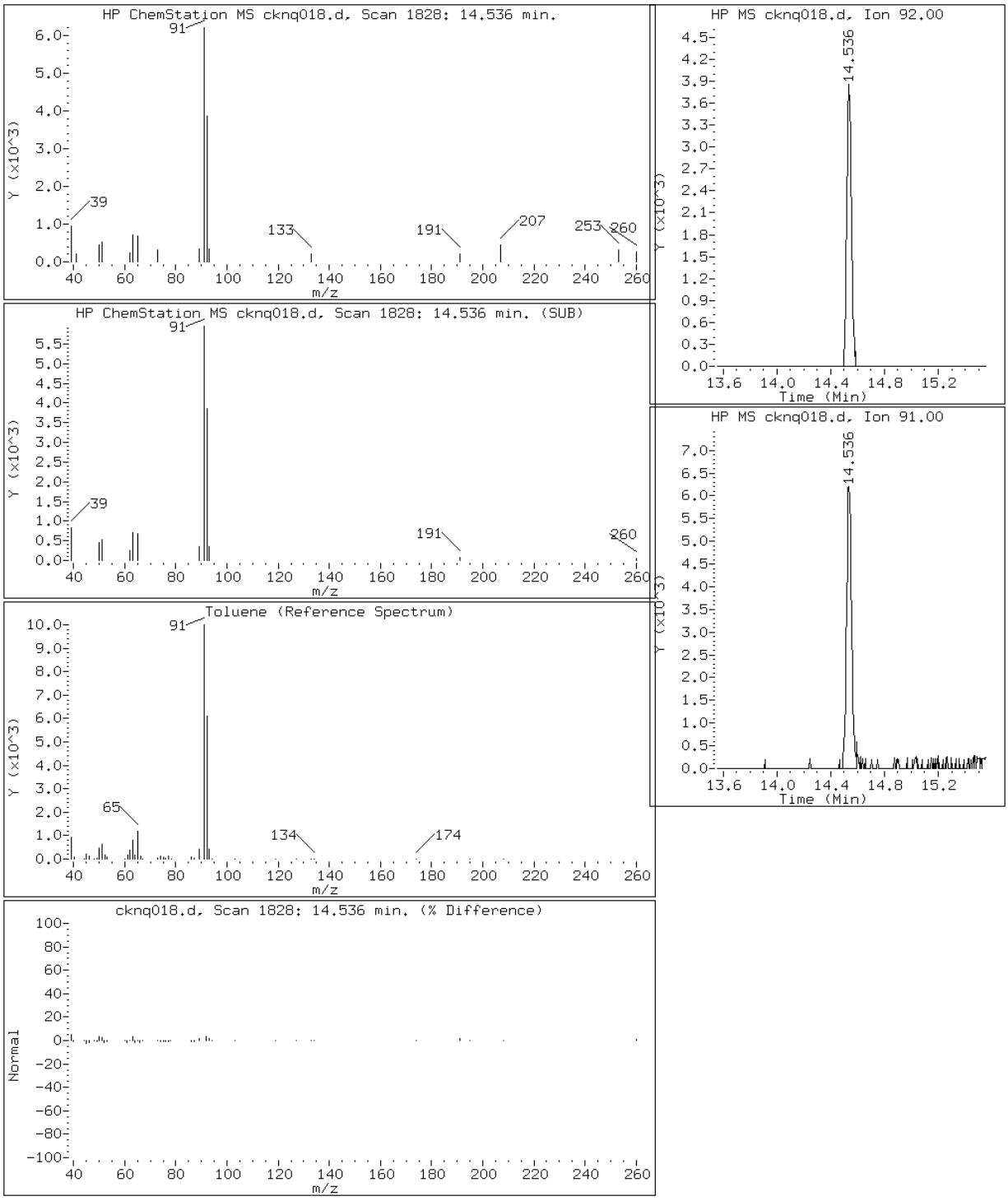
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

58 Toluene



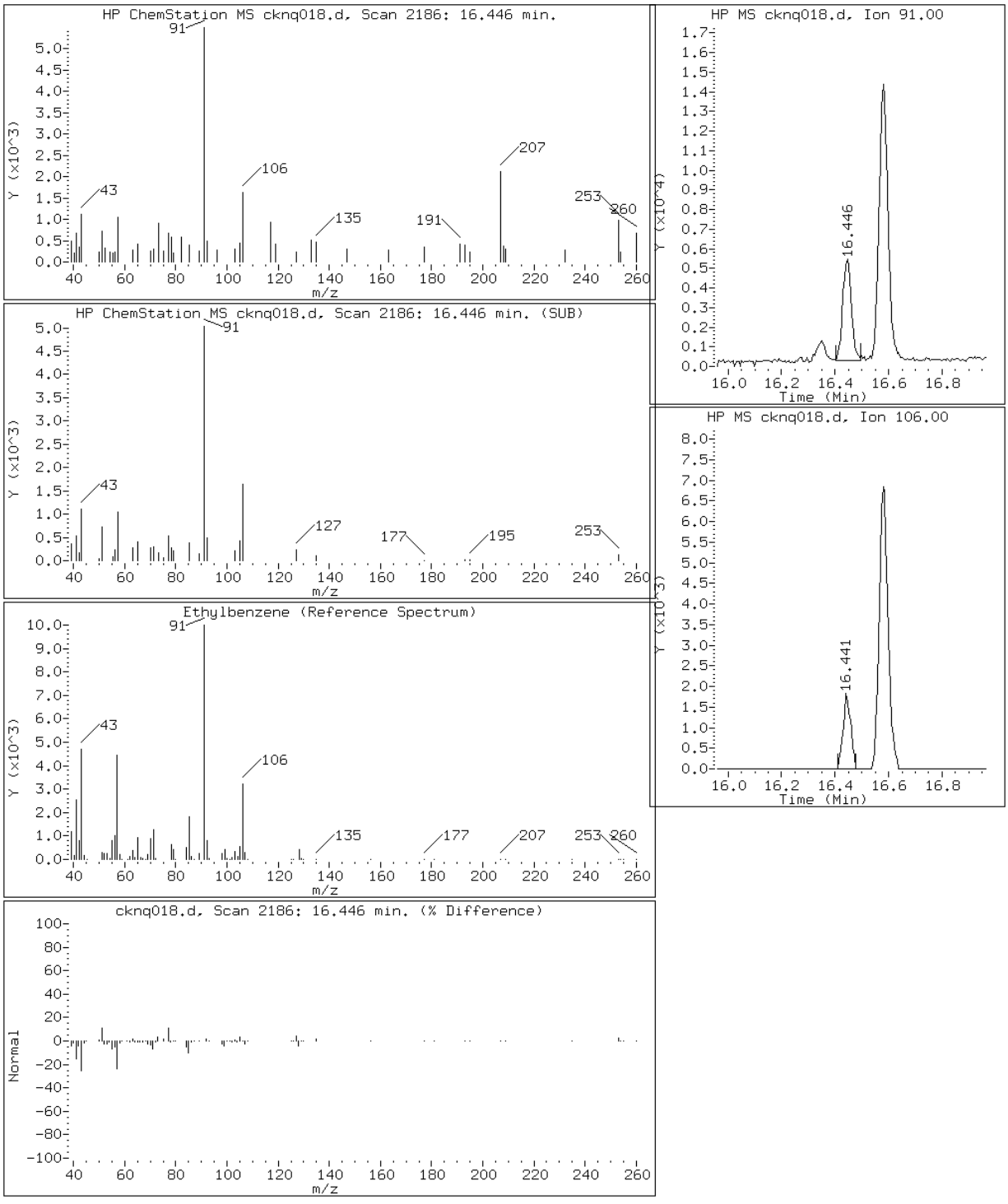
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

68 Ethylbenzene



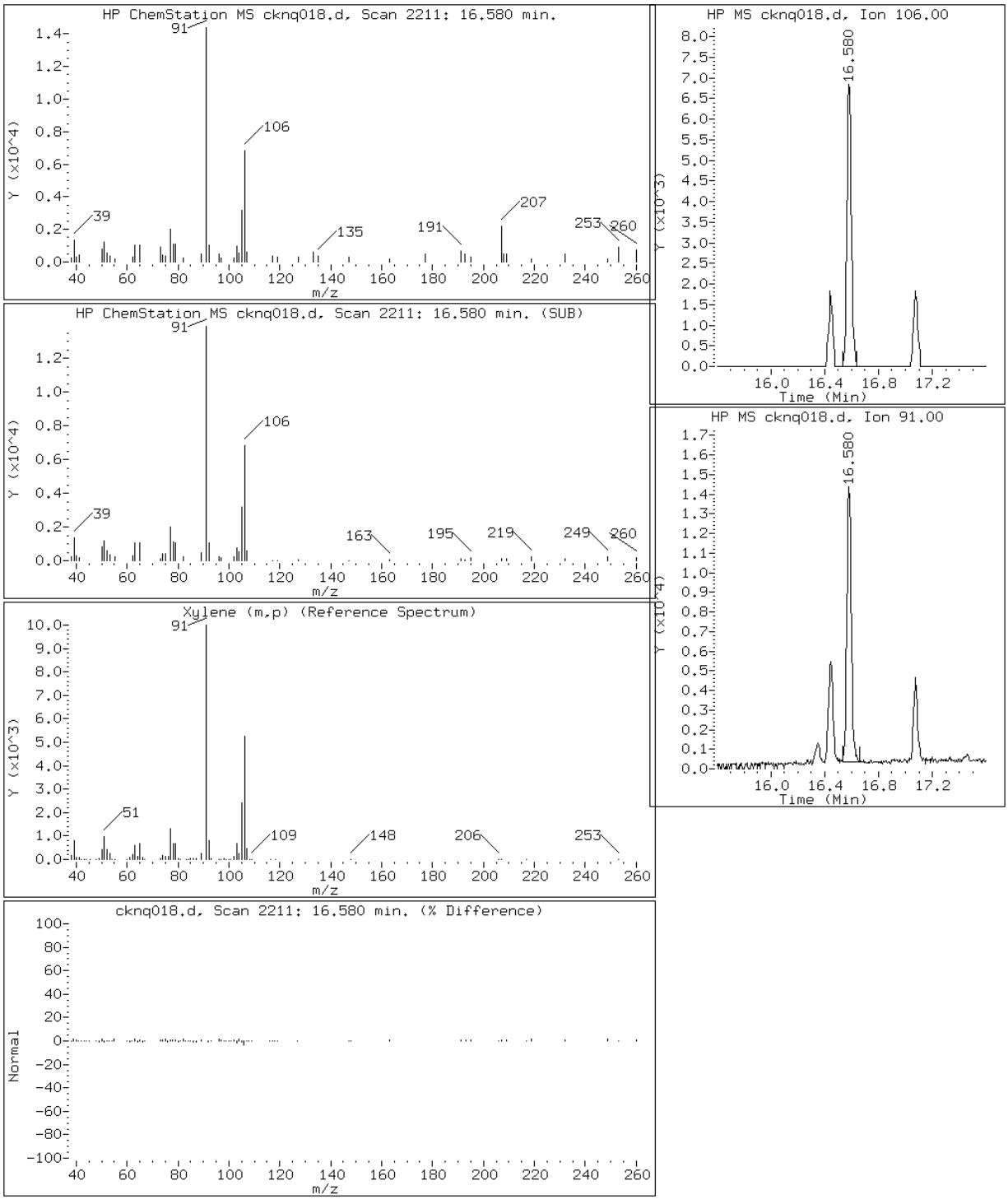
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

69 Xylene (m,p)



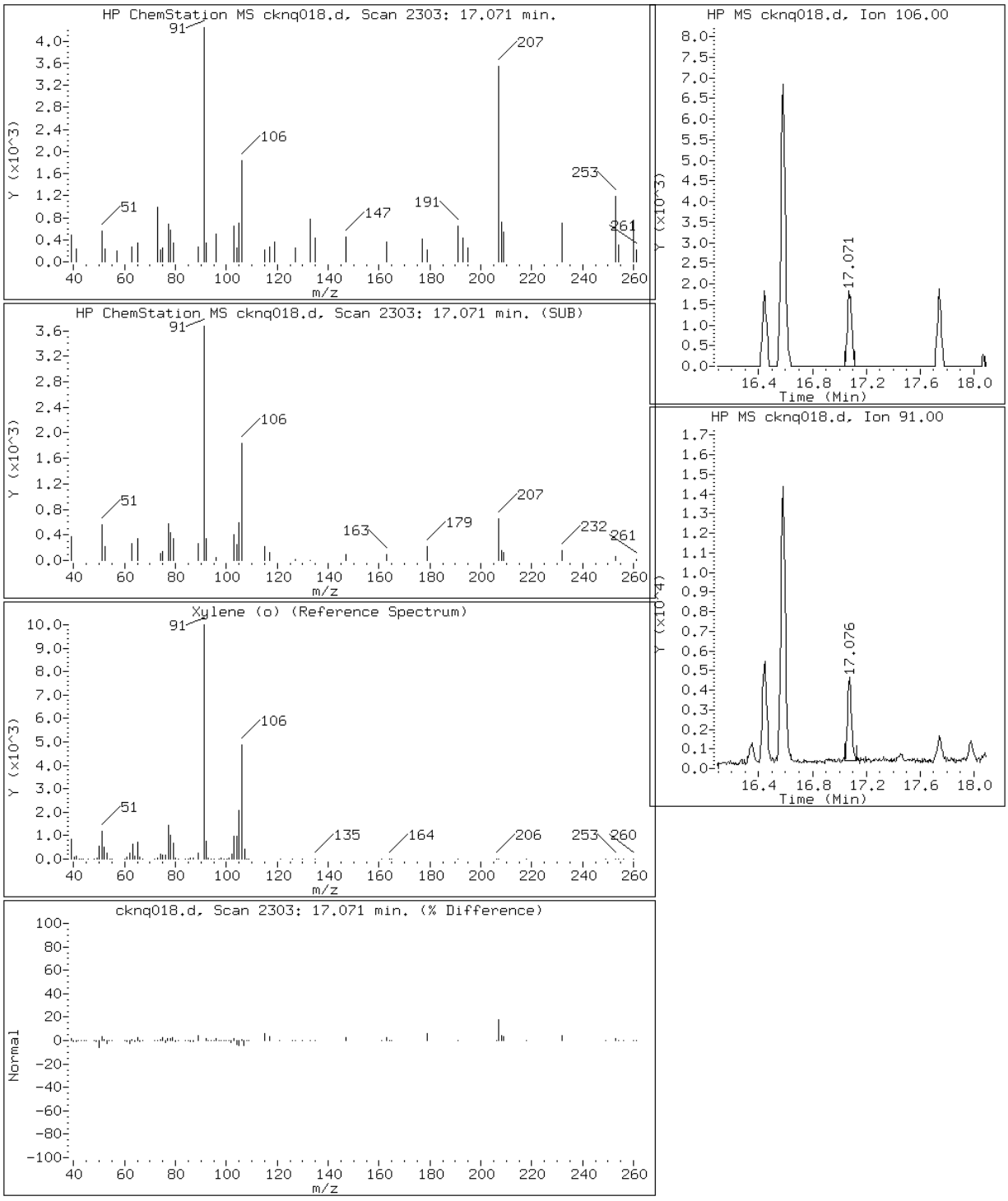
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

71 Xylene (o)



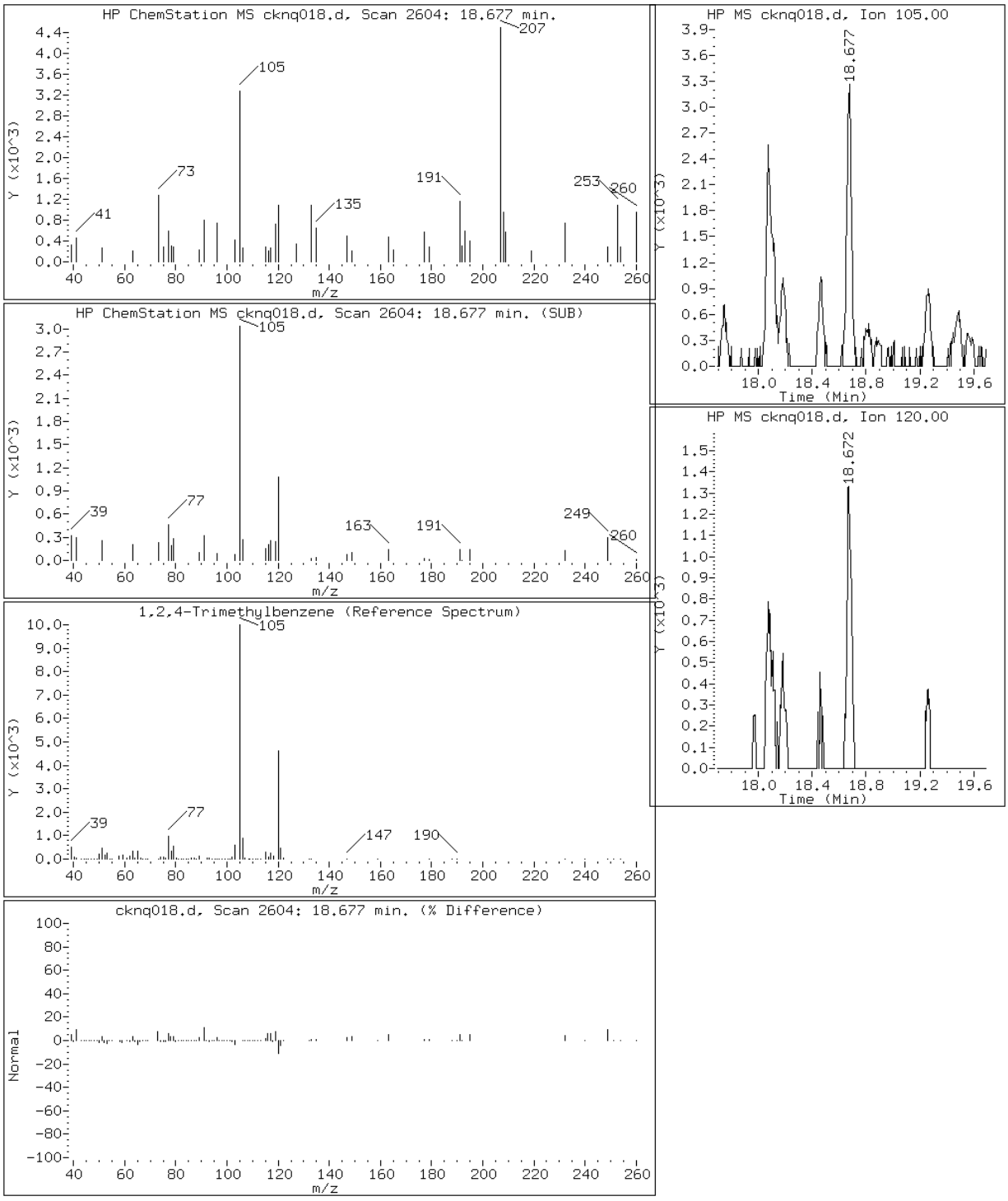
Data File: cknq018.d

Lab Sample ID: 280-25116-12 Date: 06-FEB-2012 23:27

Client ID: 786VMP0302AD Instrument: C.i

Sample Info: 280-25116-A-12 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: cknq018.d
Lab Sample ID: 280-25116-12
Inj. Date and Time: 06-FEB-2012 23:27
Instrument ID: C.i
Client ID: 786VMP0302AD
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 02/08/2012

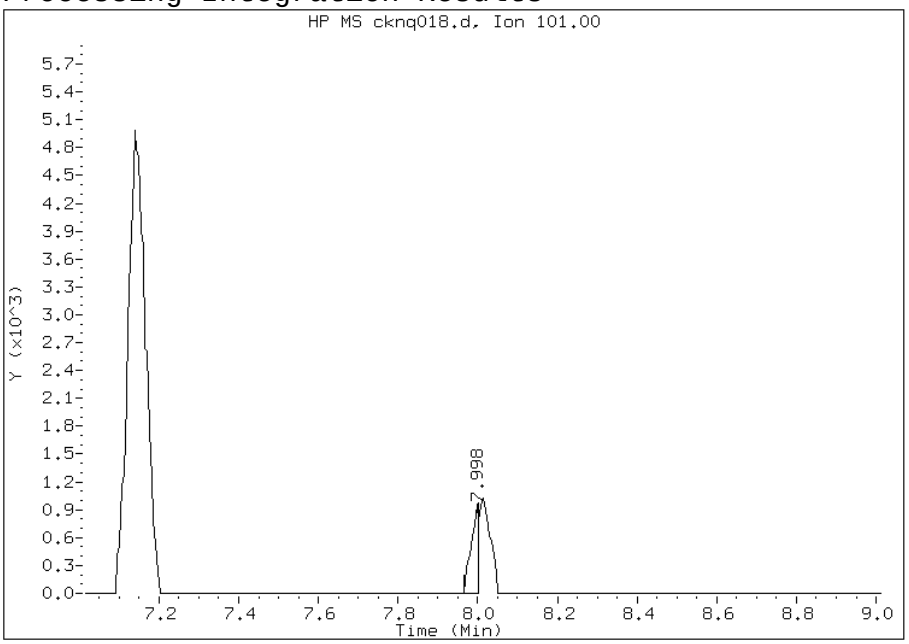
Processing Integration Results

RT: 8.00

Response: 1332

Amount: 0.030533

Conc: 0.030533



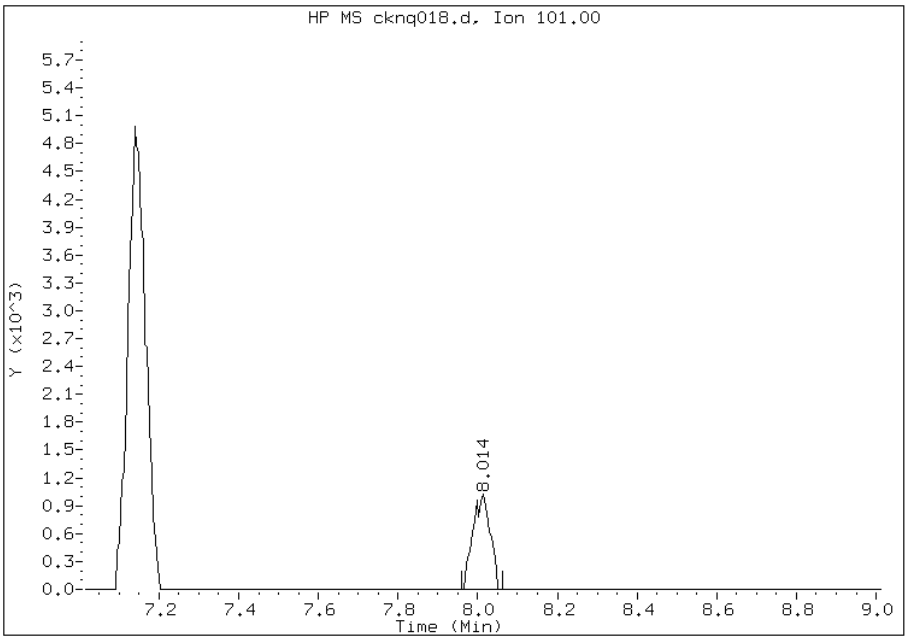
Manual Integration Results

RT: 8.01

Response: 3067

Amount: 0.070301

Conc: 0.070301



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.: 280-25116-1

SDG No.:

Client Sample ID: 774776CA01AF Lab Sample ID: 280-25116-13

Matrix: Air Lab File ID: cknq019.d

Analysis Method: TO-15 Date Collected: 01/24/2012 09:30

Sample wt/vol: 40(mL) Date Analyzed: 02/07/2012 00:17

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.1	J D	2.5	0.19
75-45-6	Freon 22	86.47	91	D	2.5	0.17
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	1.0	0.16
74-87-3	Chloromethane	50.49	0.20	U	2.5	0.065
106-97-8	n-Butane	58.12	1.2	J D	2.5	0.055
75-01-4	Vinyl chloride	62.50	0.40	U	1.0	0.15
106-99-0	1,3-Butadiene	54.09	0.20	U	1.0	0.050
74-83-9	Bromomethane	94.94	0.20	U	1.0	0.060
75-00-3	Chloroethane	64.52	0.20	U	2.5	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	1.0	0.095
75-69-4	Trichlorofluoromethane	137.37	7.0	D	1.0	0.17
76-13-1	Freon TF	187.38	0.20	U	1.0	0.050
75-35-4	1,1-Dichloroethene	96.94	0.40	U	1.0	0.15
67-64-1	Acetone	58.08	6.8	J D	25	0.23
67-63-0	Isopropyl alcohol	60.10	0.65	U	25	0.19
75-15-0	Carbon disulfide	76.14	1.0	U	2.5	0.33
107-05-1	3-Chloropropene	76.53	0.20	U	2.5	0.095
75-09-2	Methylene Chloride	84.93	0.20	U	2.5	0.065
75-65-0	tert-Butyl alcohol	74.12	1.0	U	25	0.36
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	1.0	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.40	U	1.0	0.16
110-54-3	n-Hexane	86.17	0.40	U	1.0	0.13
75-34-3	1,1-Dichloroethane	98.96	0.65	U	1.0	0.18
78-93-3	Methyl Ethyl Ketone	72.11	1.6	J D	2.5	0.085
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	1.0	0.070
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	1.0	0.070
67-66-3	Chloroform	119.38	0.73	J D	1.0	0.16
109-99-9	Tetrahydrofuran	72.11	0.20	U	25	0.090
71-55-6	1,1,1-Trichloroethane	133.41	0.91	J D	1.0	0.18
110-82-7	Cyclohexane	84.16	0.65	U	1.0	0.20
56-23-5	Carbon tetrachloride	153.81	0.65	U	1.0	0.17
540-84-1	2,2,4-Trimethylpentane	114.23	0.65	U	1.0	0.18
71-43-2	Benzene	78.11	0.57	J D	1.0	0.090
107-06-2	1,2-Dichloroethane	98.96	0.40	U	1.0	0.16
142-82-5	n-Heptane	100.21	0.46	J D	1.0	0.050

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776CA01AF Lab Sample ID: 280-25116-13

Matrix: Air Lab File ID: cknq019.d

Analysis Method: TO-15 Date Collected: 01/24/2012 09:30

Sample wt/vol: 40(mL) Date Analyzed: 02/07/2012 00:17

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	57	D	1.0	0.15
80-62-6	Methyl methacrylate	100.12	0.20	U	2.5	0.065
78-87-5	1,2-Dichloropropane	112.99	0.20	U	1.0	0.070
123-91-1	1,4-Dioxane	88.11	1.6	U	25	0.44
75-27-4	Bromodichloromethane	163.83	0.40	U	1.0	0.14
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	1.0	0.080
108-10-1	methyl isobutyl ketone	100.16	0.40	U	2.5	0.13
108-88-3	Toluene	92.14	0.22	J D	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	1.0	0.10
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	1.0	0.095
127-18-4	Tetrachloroethene	165.83	0.20	U	1.0	0.055
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.65	U	2.5	0.20
124-48-1	Dibromochloromethane	208.29	0.40	U	1.0	0.11
106-93-4	1,2-Dibromoethane	187.87	0.20	U	1.0	0.090
108-90-7	Chlorobenzene	112.30	0.40	U	1.0	0.10
100-41-4	Ethylbenzene	106.17	0.40	U	1.0	0.11
179601-23-1	m,p-Xylene	106.17	0.80	U	2.5	0.24
95-47-6	Xylene, o-	106.17	0.40	U	1.0	0.11
1330-20-7	Xylene (total)	106.17	0.40	U	1.0	0.11
100-42-5	Styrene	104.15	0.40	U	1.0	0.15
75-25-2	Bromoform	252.75	0.20	U	1.0	0.095
98-82-8	Cumene	120.19	0.40	U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.65	U	1.0	0.20
103-65-1	n-Propylbenzene	120.19	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	0.65	U	1.0	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.65	U	1.0	0.26
95-49-8	2-Chlorotoluene	126.59	0.65	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.65	U	1.0	0.24
95-63-6	1,2,4-Trimethylbenzene	120.20	0.65	U	1.0	0.26
135-98-8	sec-Butylbenzene	134.22	0.65	U	1.0	0.24
99-87-6	4-Isopropyltoluene	134.22	0.65	U	1.0	0.24
541-73-1	1,3-Dichlorobenzene	147.00	0.65	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	147.00	0.65	U	1.0	0.22
100-44-7	Benzyl chloride	126.58	0.65	U	1.0	0.23
104-51-8	n-Butylbenzene	134.22	0.65	U	1.0	0.28

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776CA01AF Lab Sample ID: 280-25116-13

Matrix: Air Lab File ID: cknq019.d

Analysis Method: TO-15 Date Collected: 01/24/2012 09:30

Sample wt/vol: 40(mL) Date Analyzed: 02/07/2012 00:17

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.65	U	1.0	0.24
120-82-1	1,2,4-Trichlorobenzene	181.45	0.65	U	2.5	0.25
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.33
91-20-3	Naphthalene	128.17	1.6	U	2.5	0.43

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776CA01AF Lab Sample ID: 280-25116-13

Matrix: Air Lab File ID: cknq019.d

Analysis Method: TO-15 Date Collected: 01/24/2012 09:30

Sample wt/vol: 40(mL) Date Analyzed: 02/07/2012 00:17

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	11	J D	12	0.94
75-45-6	Freon 22	86.47	320	D	8.8	0.60
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	7.0	1.1
74-87-3	Chloromethane	50.49	0.41	U	5.2	0.13
106-97-8	n-Butane	58.12	2.9	J D	5.9	0.13
75-01-4	Vinyl chloride	62.50	1.0	U	2.6	0.37
106-99-0	1,3-Butadiene	54.09	0.44	U	2.2	0.11
74-83-9	Bromomethane	94.94	0.78	U	3.9	0.23
75-00-3	Chloroethane	64.52	0.53	U	6.6	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	4.4	0.42
75-69-4	Trichlorofluoromethane	137.37	40	D	5.6	0.96
76-13-1	Freon TF	187.38	1.5	U	7.7	0.38
75-35-4	1,1-Dichloroethene	96.94	1.6	U	4.0	0.59
67-64-1	Acetone	58.08	16	J D	59	0.53
67-63-0	Isopropyl alcohol	60.10	1.6	U	61	0.45
75-15-0	Carbon disulfide	76.14	3.1	U	7.8	1.0
107-05-1	3-Chloropropene	76.53	0.63	U	7.8	0.30
75-09-2	Methylene Chloride	84.93	0.69	U	8.7	0.23
75-65-0	tert-Butyl alcohol	74.12	3.0	U	76	1.1
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	3.6	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	4.0	0.63
110-54-3	n-Hexane	86.17	1.4	U	3.5	0.46
75-34-3	1,1-Dichloroethane	98.96	2.6	U	4.0	0.71
78-93-3	Methyl Ethyl Ketone	72.11	4.8	J D	7.4	0.25
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	4.0	0.28
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	4.0	0.28
67-66-3	Chloroform	119.38	3.6	J D	4.9	0.76
109-99-9	Tetrahydrofuran	72.11	0.59	U	74	0.27
71-55-6	1,1,1-Trichloroethane	133.41	5.0	J D	5.5	0.95
110-82-7	Cyclohexane	84.16	2.2	U	3.4	0.67
56-23-5	Carbon tetrachloride	153.81	4.1	U	6.3	1.0
540-84-1	2,2,4-Trimethylpentane	114.23	3.0	U	4.7	0.84
71-43-2	Benzene	78.11	1.8	J D	3.2	0.29
107-06-2	1,2-Dichloroethane	98.96	1.6	U	4.0	0.63
142-82-5	n-Heptane	100.21	1.9	J D	4.1	0.20

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776CA01AF Lab Sample ID: 280-25116-13

Matrix: Air Lab File ID: cknq019.d

Analysis Method: TO-15 Date Collected: 01/24/2012 09:30

Sample wt/vol: 40(mL) Date Analyzed: 02/07/2012 00:17

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	300	D	5.4	0.81
80-62-6	Methyl methacrylate	100.12	0.82	U	10	0.27
78-87-5	1,2-Dichloropropane	112.99	0.92	U	4.6	0.32
123-91-1	1,4-Dioxane	88.11	5.8	U	90	1.6
75-27-4	Bromodichloromethane	163.83	2.7	U	6.7	0.94
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	4.5	0.36
108-10-1	methyl isobutyl ketone	100.16	1.6	U	10	0.53
108-88-3	Toluene	92.14	0.83	J D	3.8	0.34
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	4.5	0.45
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	5.5	0.52
127-18-4	Tetrachloroethene	165.83	1.4	U	6.8	0.37
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.7	U	10	0.80
124-48-1	Dibromochloromethane	208.29	3.4	U	8.5	0.89
106-93-4	1,2-Dibromoethane	187.87	1.5	U	7.7	0.69
108-90-7	Chlorobenzene	112.30	1.8	U	4.6	0.46
100-41-4	Ethylbenzene	106.17	1.7	U	4.3	0.48
179601-23-1	m,p-Xylene	106.17	3.5	U	11	1.0
95-47-6	Xylene, o-	106.17	1.7	U	4.3	0.48
1330-20-7	Xylene (total)	106.17	1.7	U	4.3	0.48
100-42-5	Styrene	104.15	1.7	U	4.3	0.64
75-25-2	Bromoform	252.75	2.1	U	10	0.98
98-82-8	Cumene	120.19	2.0	U	4.9	0.76
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.5	U	6.9	1.4
103-65-1	n-Propylbenzene	120.19	4.9	U	4.9	1.2
622-96-8	4-Ethyltoluene	120.20	3.2	U	4.9	1.1
108-67-8	1,3,5-Trimethylbenzene	120.20	3.2	U	4.9	1.3
95-49-8	2-Chlorotoluene	126.59	3.4	U	5.2	1.2
98-06-6	tert-Butylbenzene	134.22	3.6	U	5.5	1.3
95-63-6	1,2,4-Trimethylbenzene	120.20	3.2	U	4.9	1.3
135-98-8	sec-Butylbenzene	134.22	3.6	U	5.5	1.3
99-87-6	4-Isopropyltoluene	134.22	3.6	U	5.5	1.3
541-73-1	1,3-Dichlorobenzene	147.00	3.9	U	6.0	1.3
106-46-7	1,4-Dichlorobenzene	147.00	3.9	U	6.0	1.3
100-44-7	Benzyl chloride	126.58	3.4	U	5.2	1.2
104-51-8	n-Butylbenzene	134.22	3.6	U	5.5	1.5

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 774776CA01AF Lab Sample ID: 280-25116-13

Matrix: Air Lab File ID: cknq019.d

Analysis Method: TO-15 Date Collected: 01/24/2012 09:30

Sample wt/vol: 40(mL) Date Analyzed: 02/07/2012 00:17

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	3.9	U	6.0	1.4
120-82-1	1,2,4-Trichlorobenzene	181.45	4.8	U	19	1.9
87-68-3	Hexachlorobutadiene	260.76	11	U	11	3.5
91-20-3	Naphthalene	128.17	8.4	U	13	2.3

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-13
Client Smp ID: 774776CA01AF
Inj Date : 07-FEB-2012 00:17
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-13
Misc Info : 40,5,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50

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)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	5.063	5.057	(0.456)	25348	0.42551	2.1(aQH)
3 Chlorodifluoromethane	51	5.105	5.100	(0.460)	582955	18.2370	91
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	5.724	5.730	(0.515)	8903	0.24758	1.2(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	7.144	7.149	(0.643)	85071	1.40983	7.0
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.227	8.211	(0.741)	41107	1.36507	6.8(a)
21 Carbon disulfide	76	Compound Not Detected.					

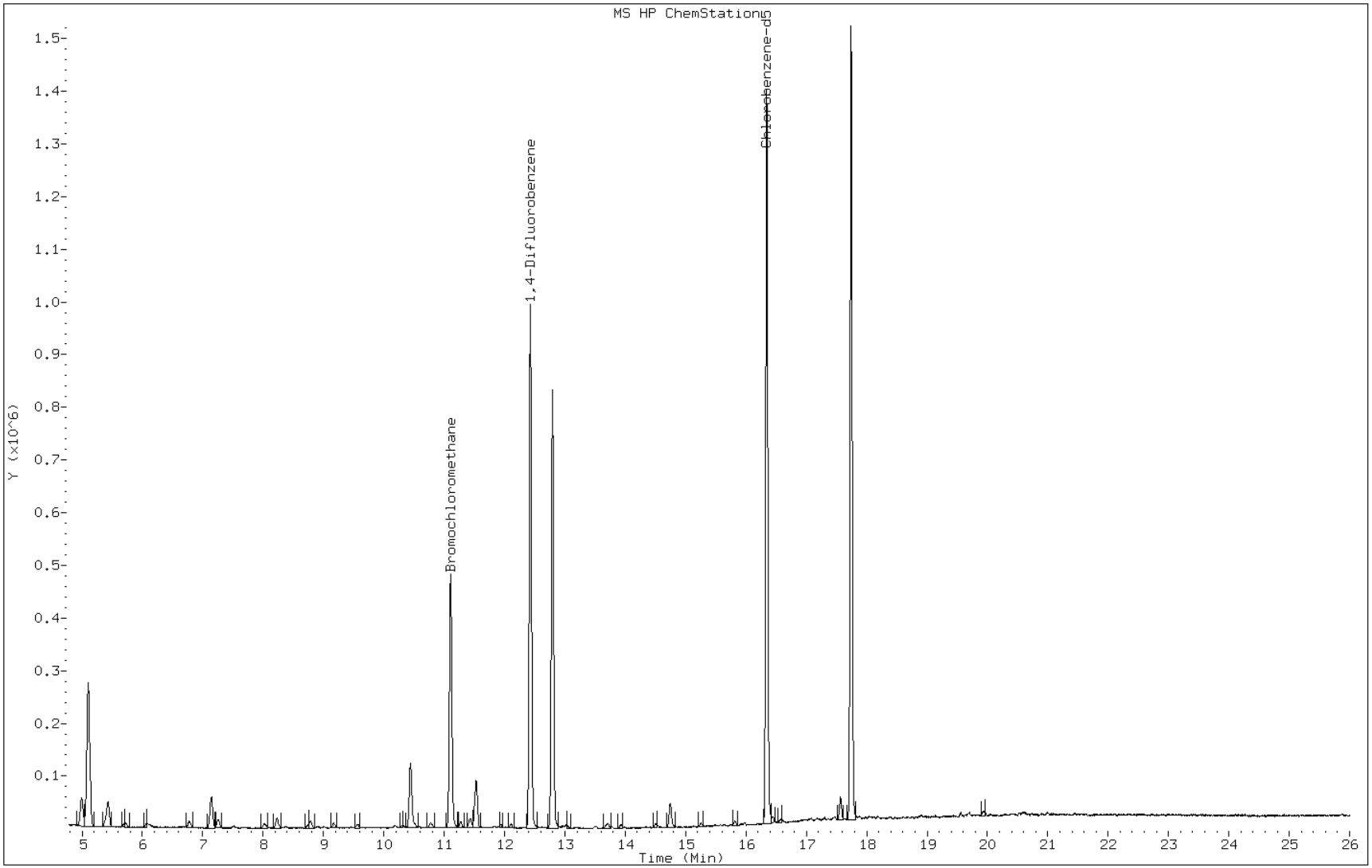
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	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	10.778	10.762	(0.970)	3573	0.32377	1.6(aQ)
*	37 Bromochloromethane	128	11.109	11.125	(1.000)	184649	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	11.157	11.173	(1.004)	7068	0.14613	0.73(aQ)
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	11.430	11.451	(0.920)	10312	0.18285	0.91(a)
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	11.937	11.958	(0.960)	8907	0.11339	0.57(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.113	12.129	(0.975)	4208	0.09207	0.46(a)
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1102155	10.0000	
	49 Trichloroethene	95	12.796	12.812	(1.030)	398562	11.3267	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	14.541	14.557	(0.890)	2552	0.04407	0.22(aQ)
	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	16.345	16.366	(1.000)	1042985	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.
H - Operator selected an alternate compound hit.

Data File:	cknq019.d	Date:	07-FEB-2012 00:17
Client ID:	774776CA01AF	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-13		
Lab Sample ID:	280-25116-13		



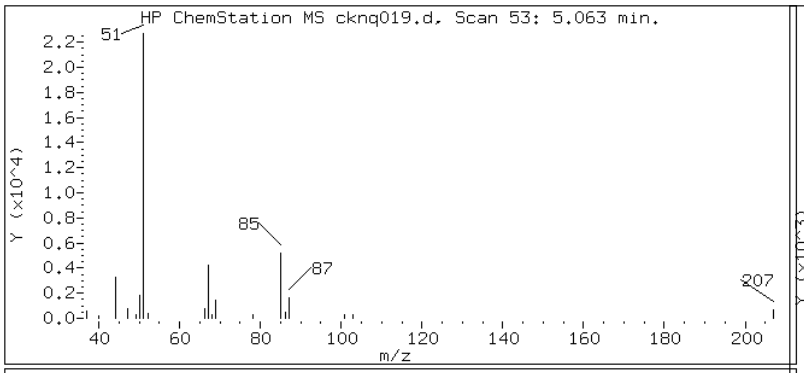
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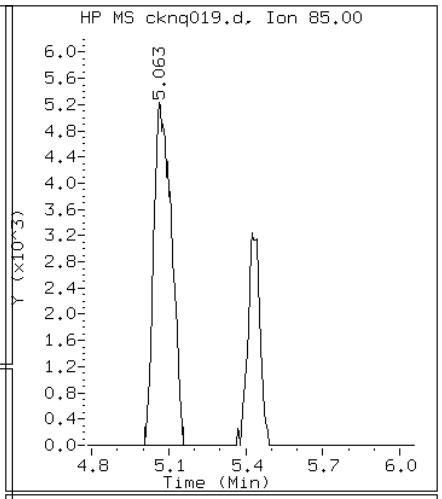
Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

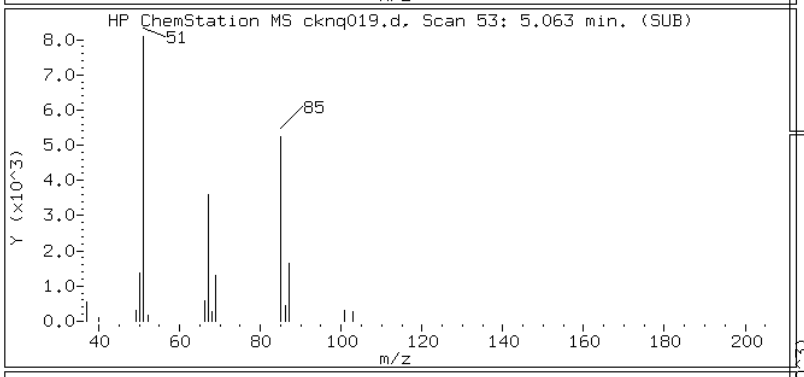
Client ID: 774776CA01AF Instrument: C.i

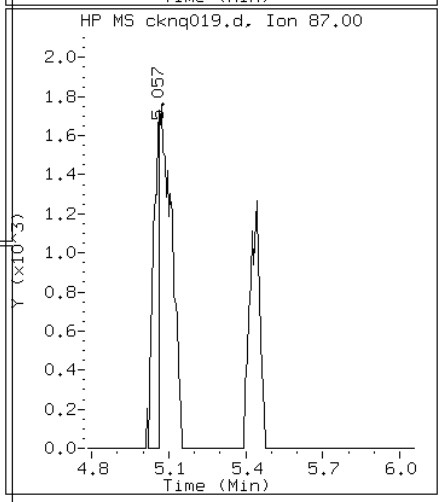
Sample Info: 280-25116-A-13 Operator: wrd

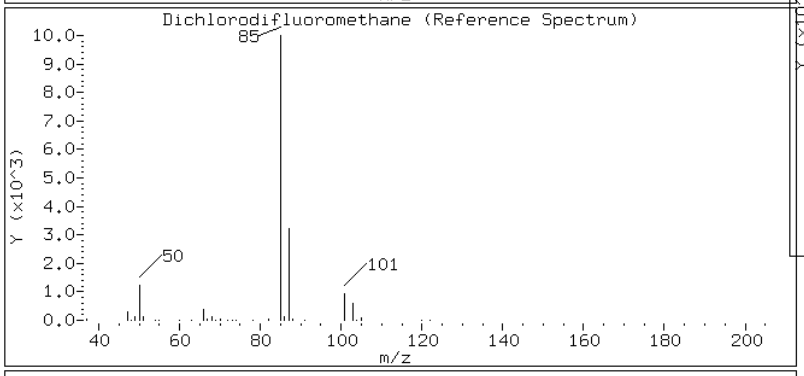
2 Dichlorodifluoromethane

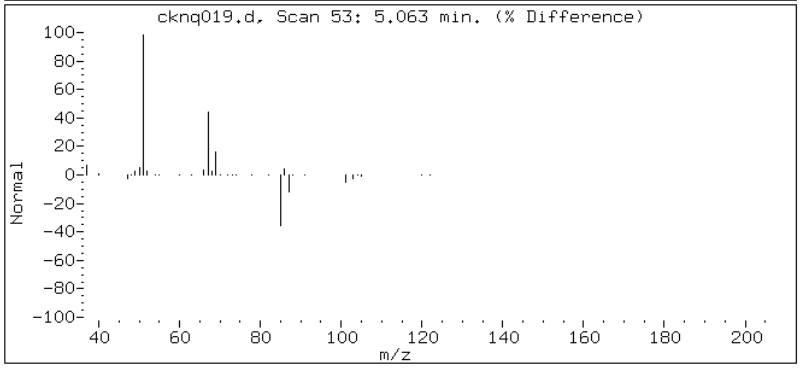












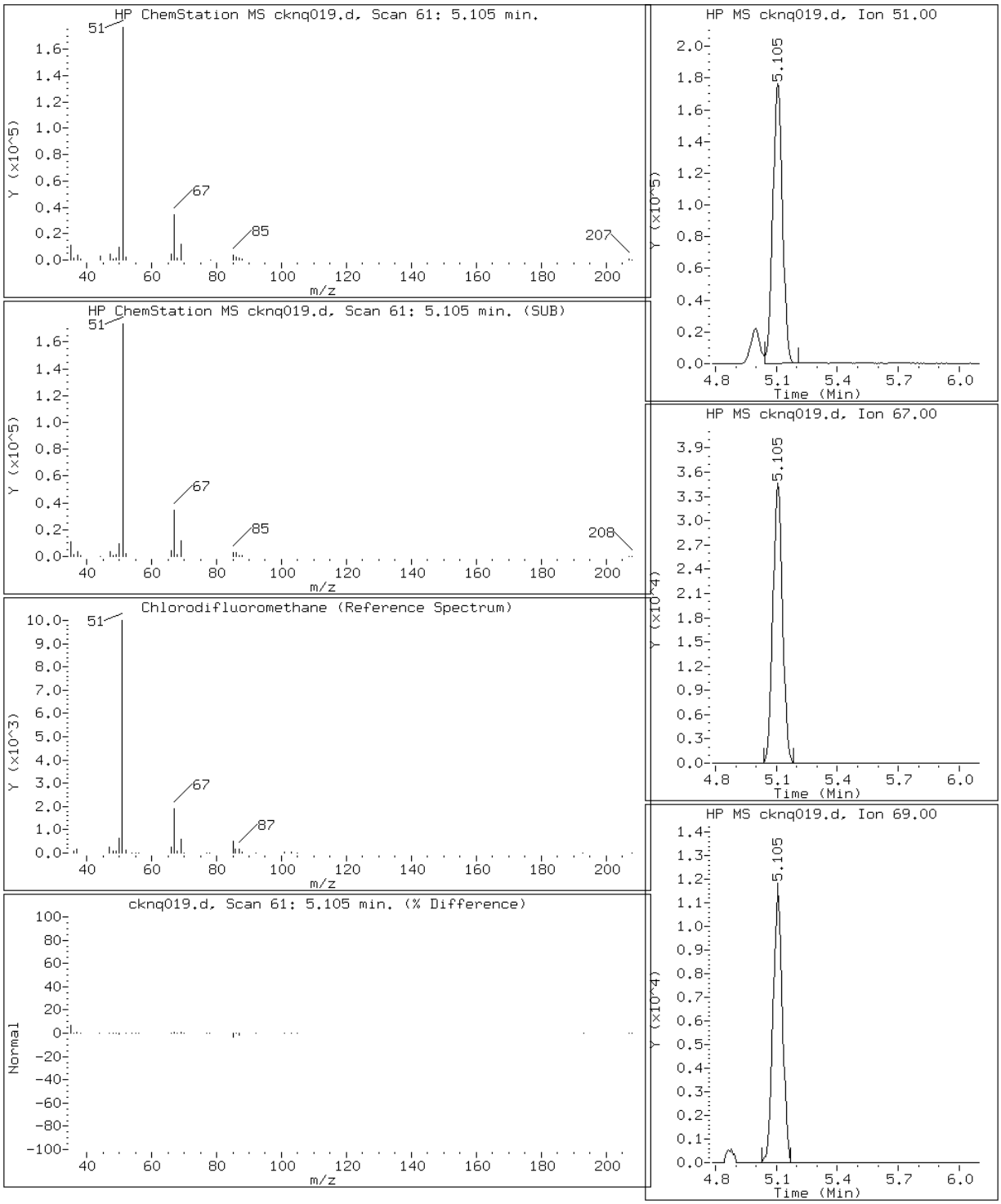
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

3 Chlorodifluoromethane



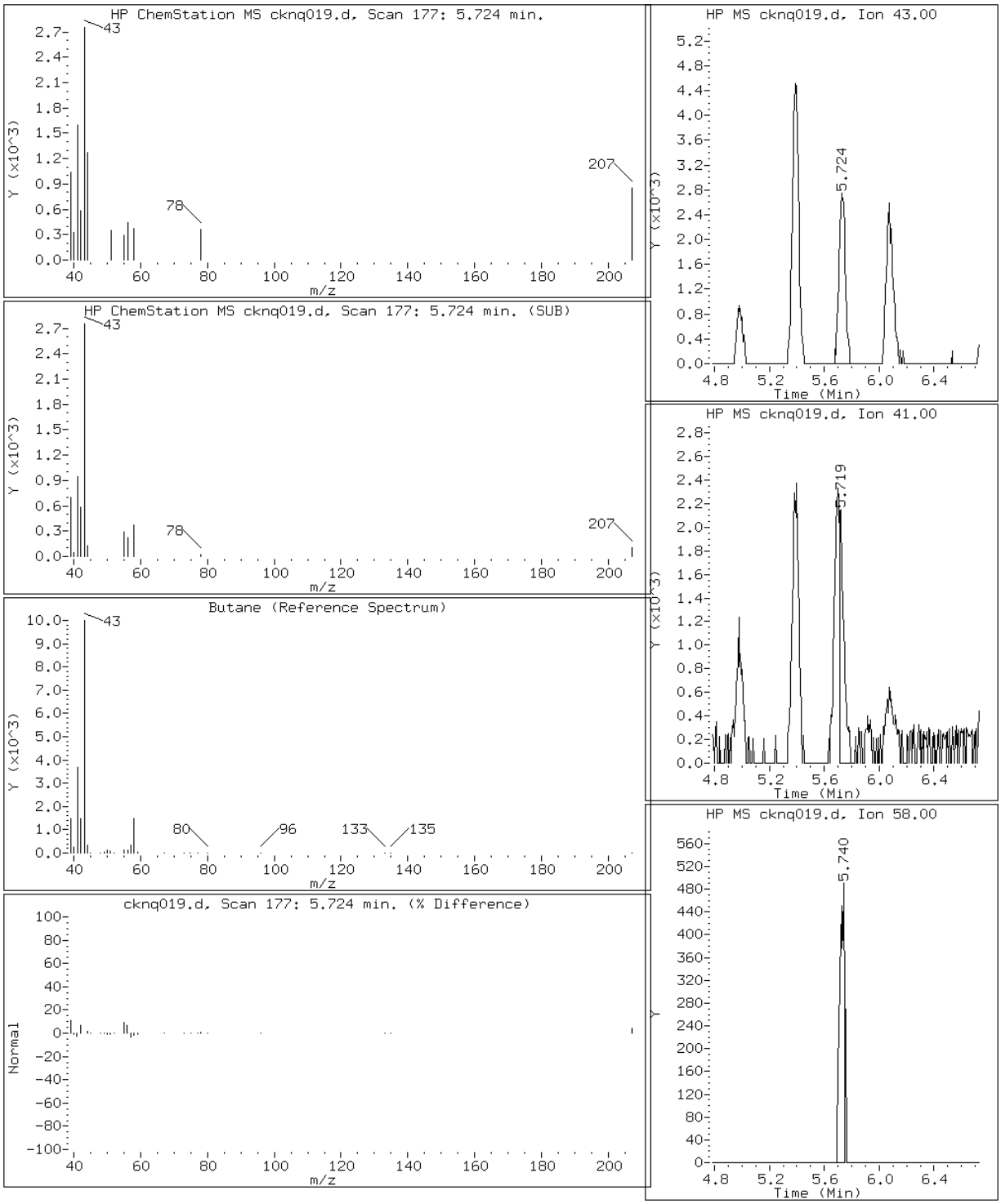
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Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

6 Butane



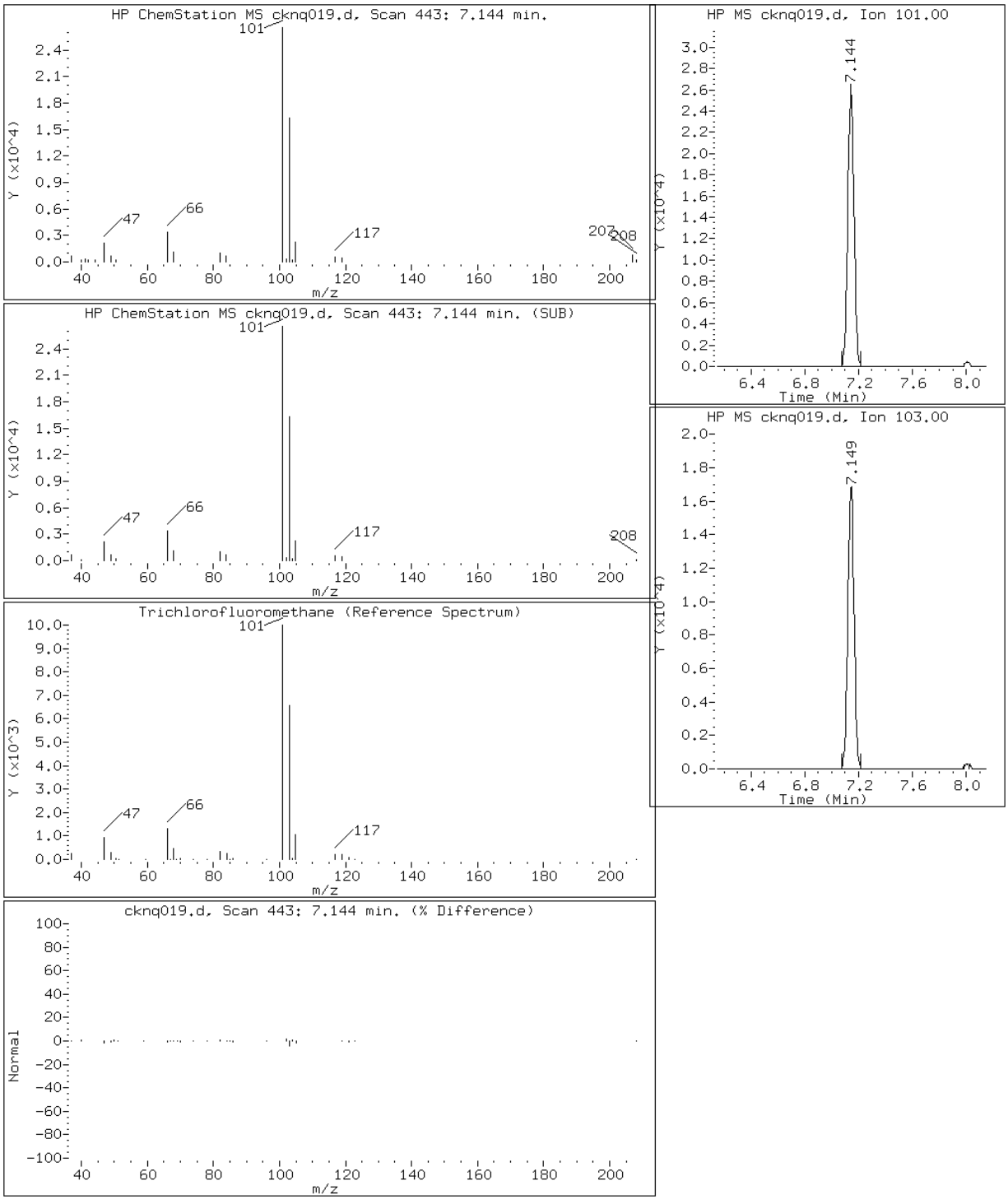
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

13 Trichlorofluoromethane



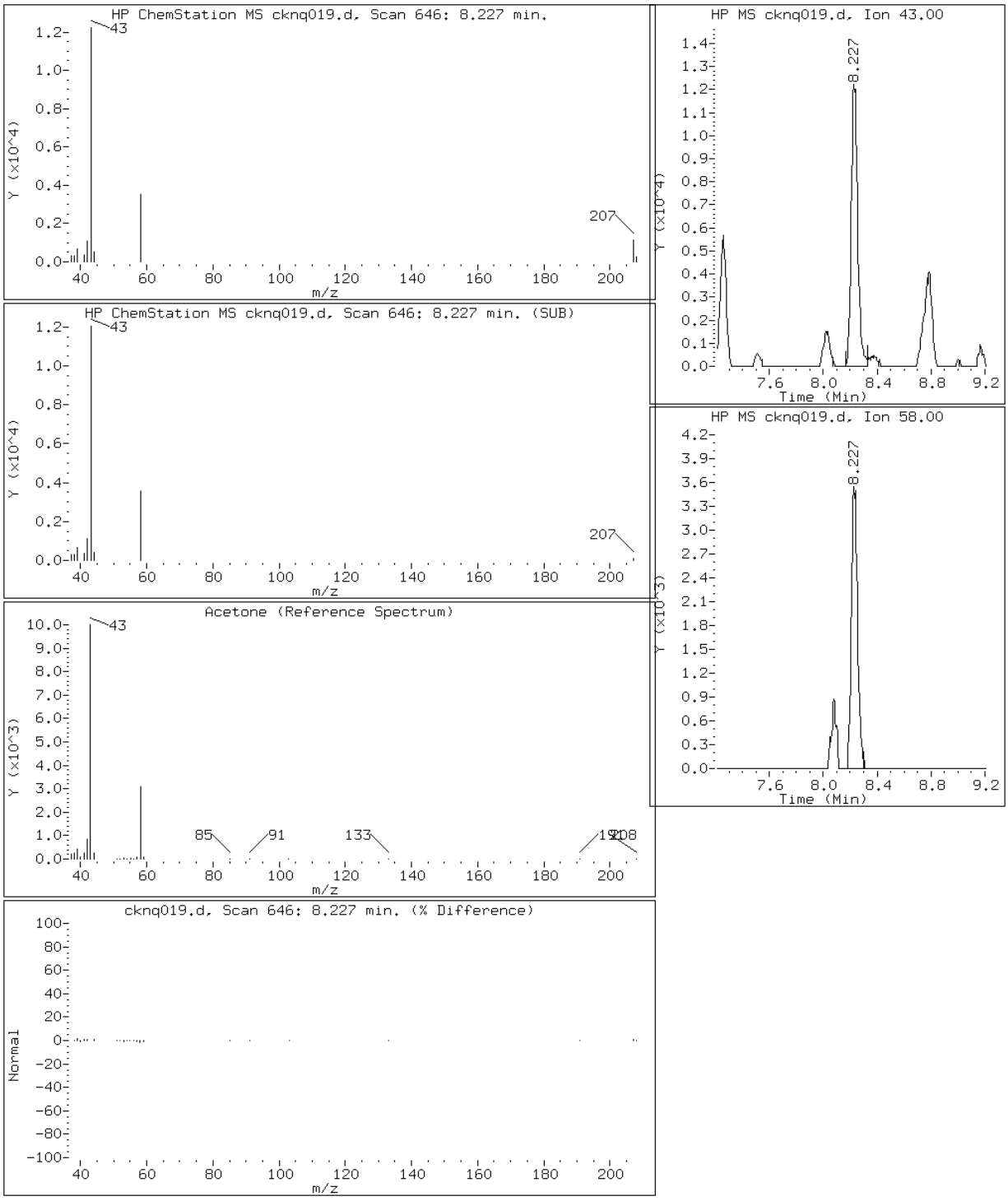
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

20 Acetone



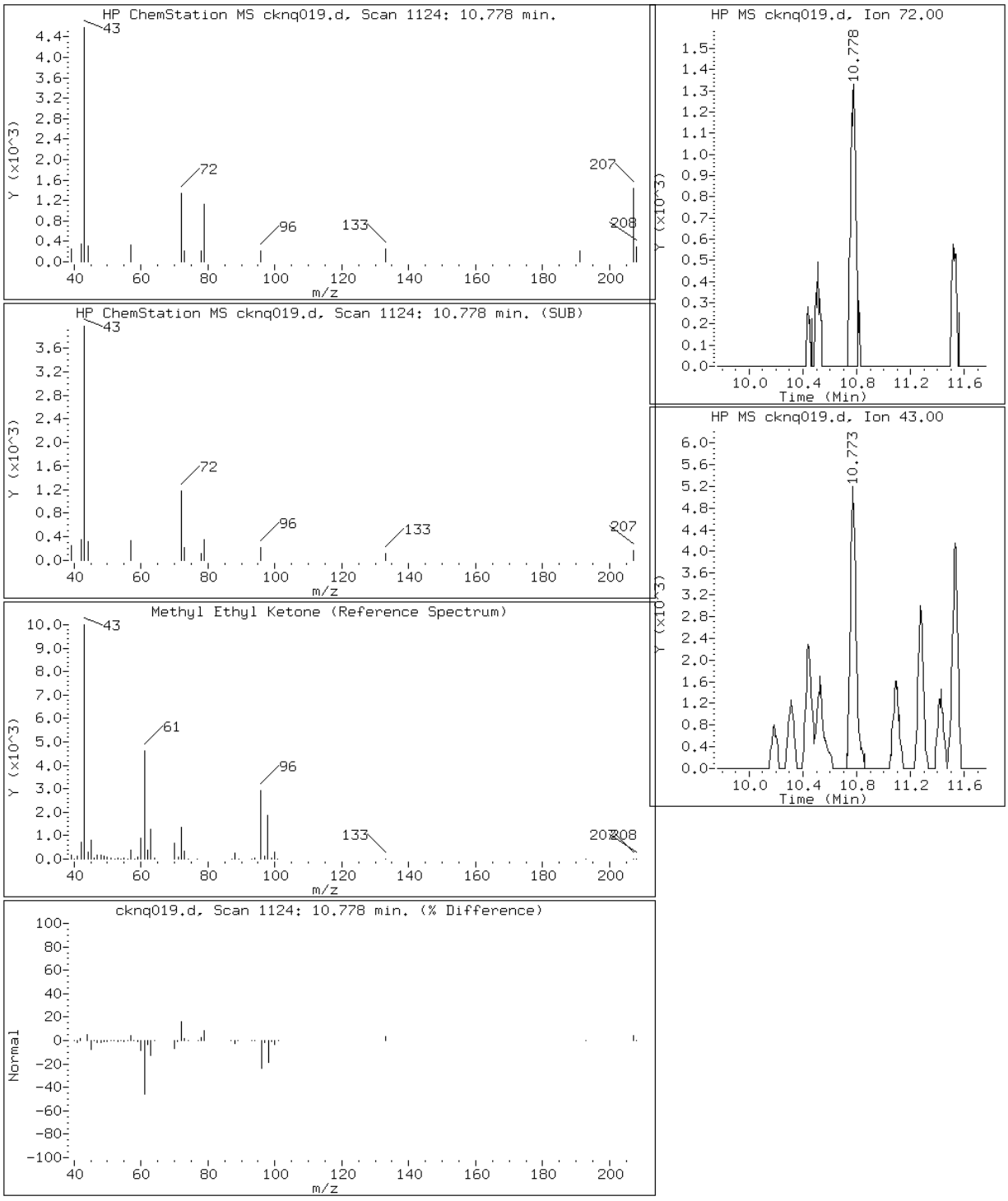
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

36 Methyl Ethyl Ketone



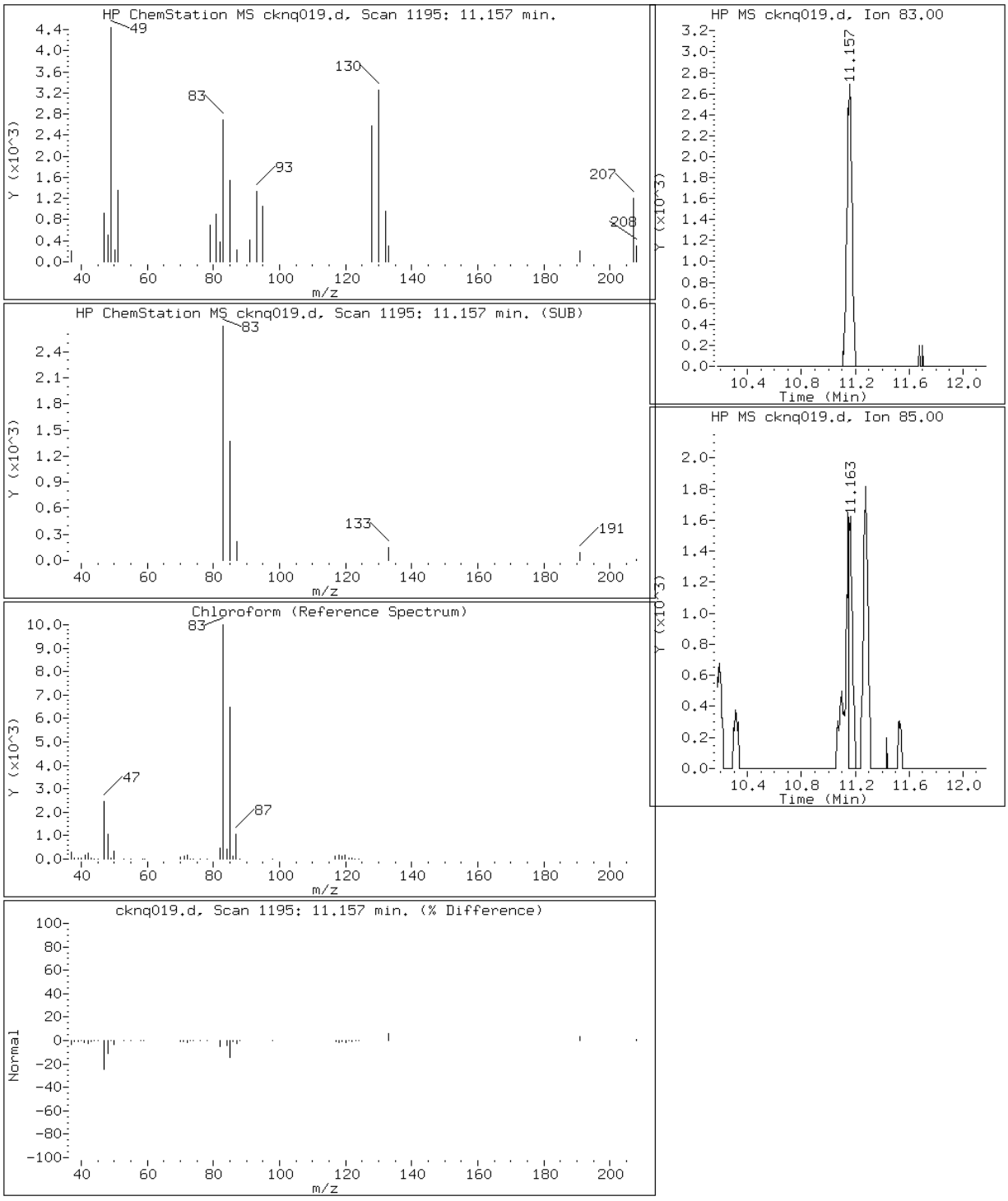
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

39 Chloroform



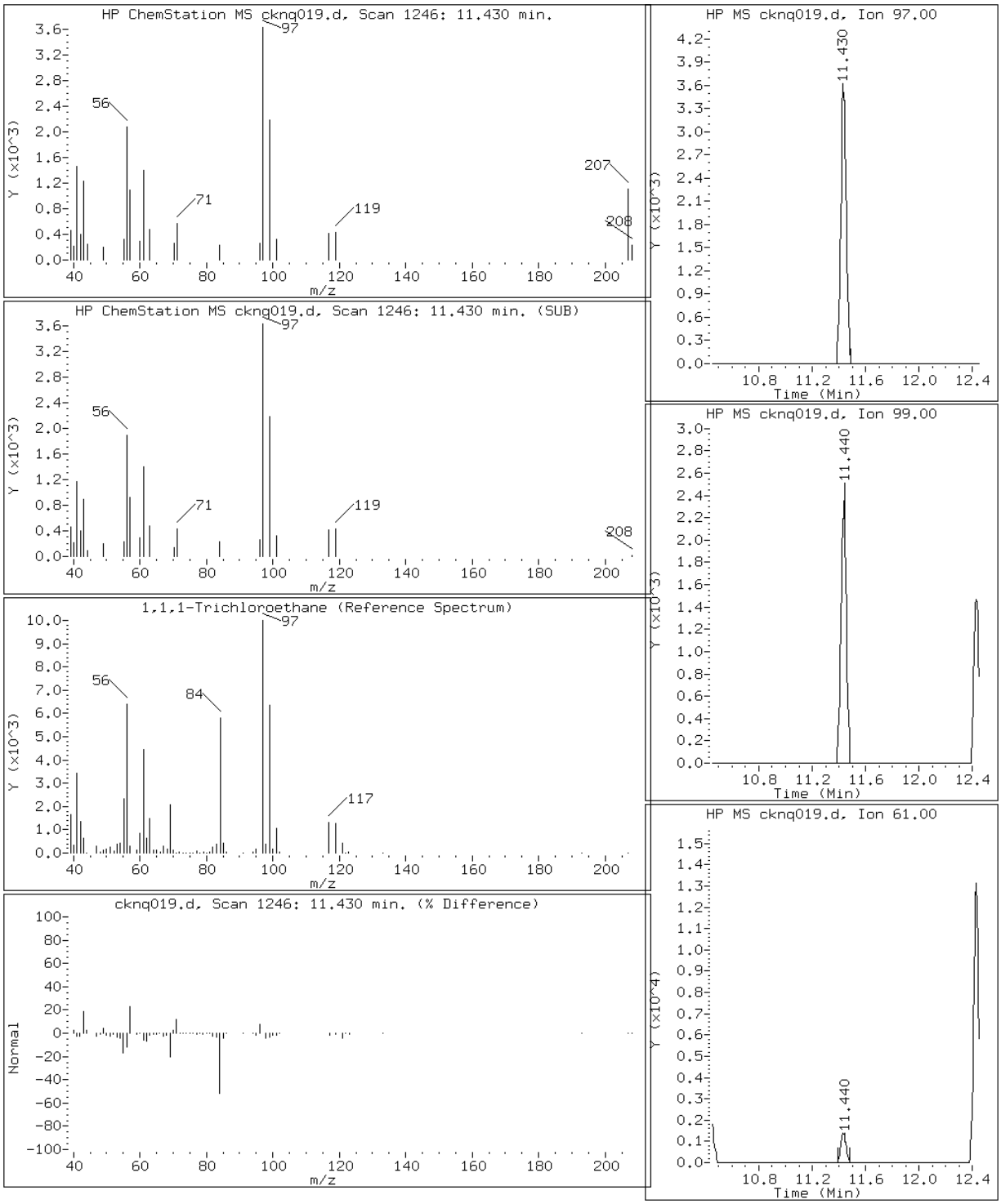
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

41 1,1,1-Trichloroethane



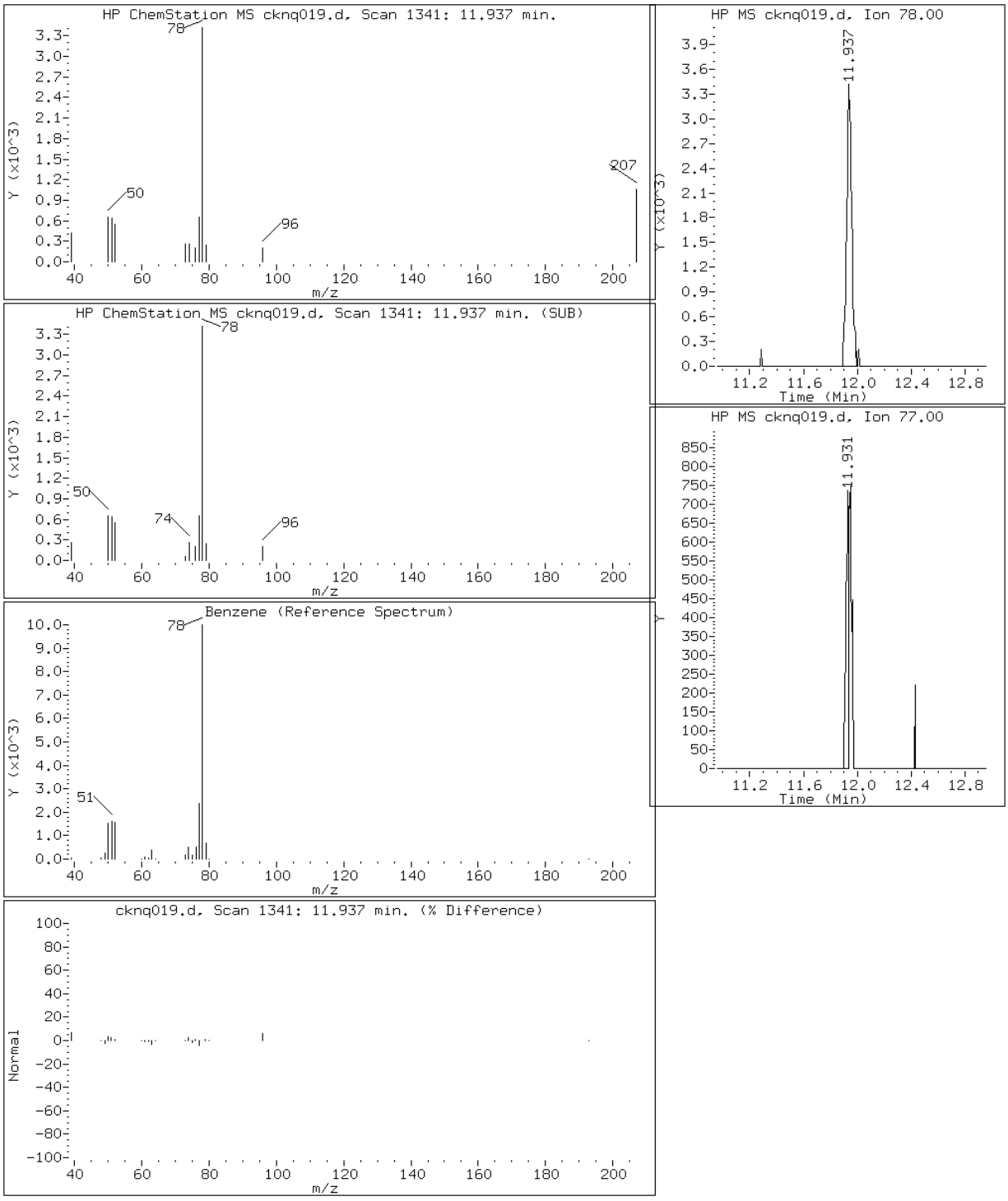
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

44 Benzene



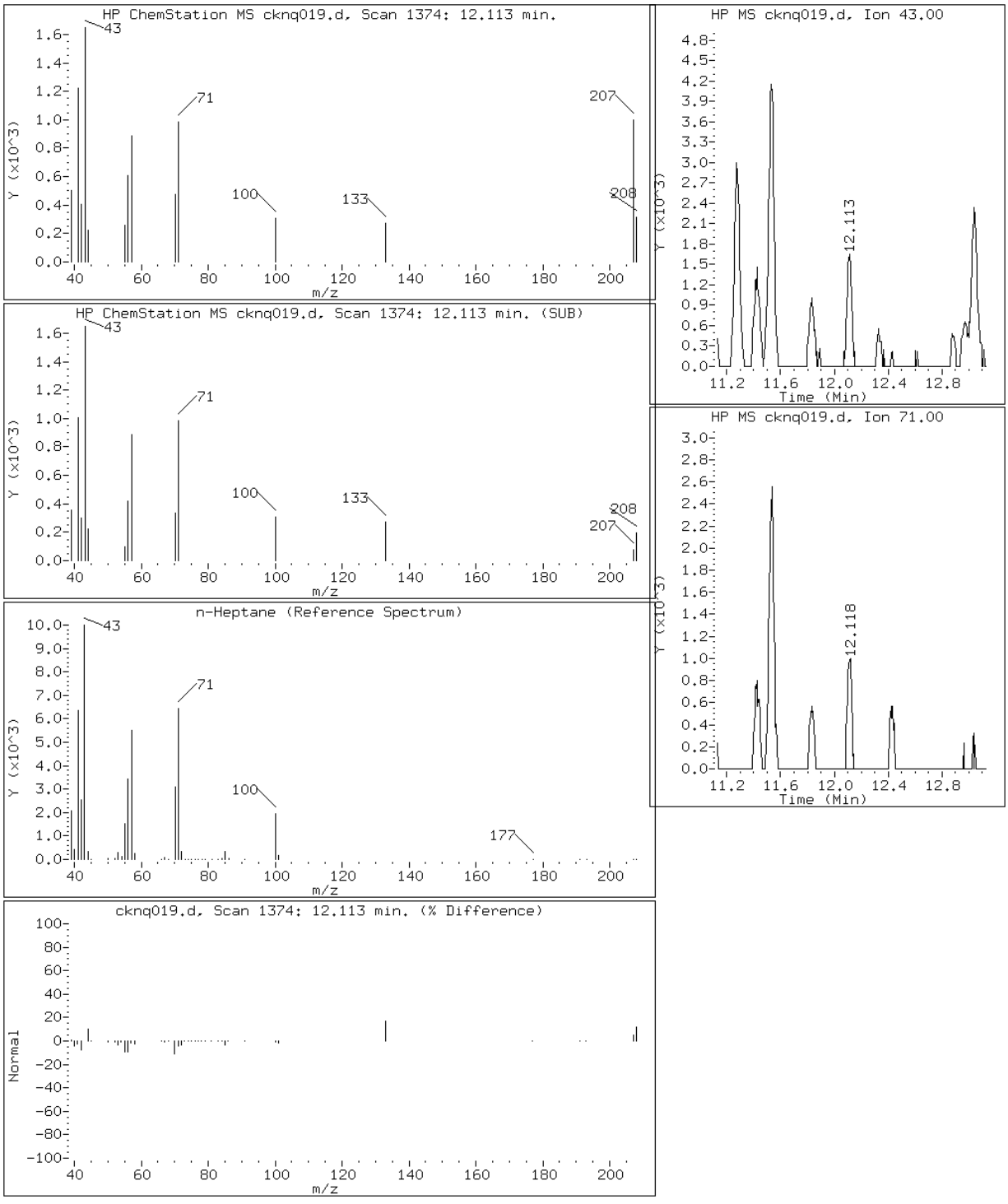
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

46 n-Heptane



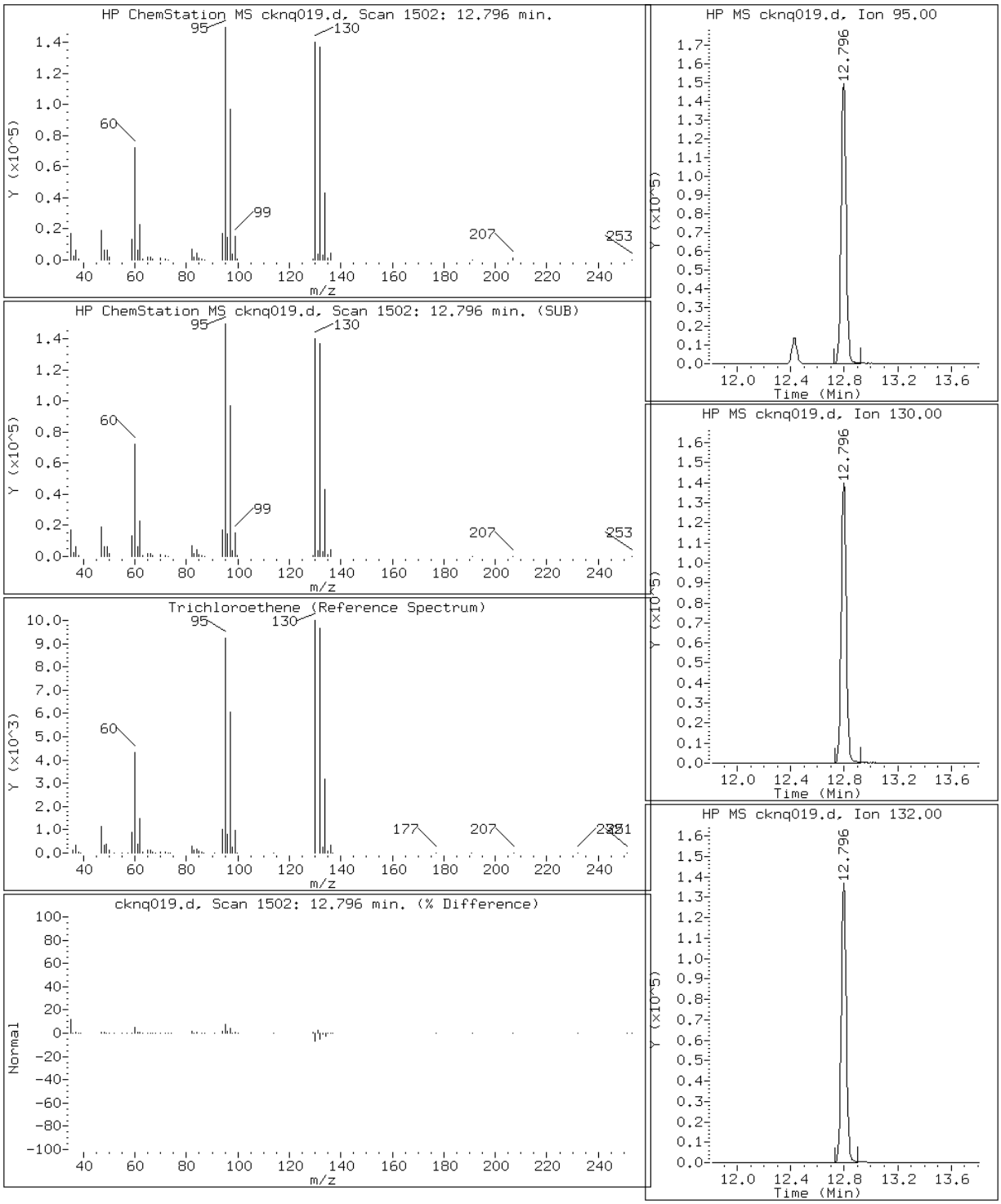
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

49 Trichloroethene



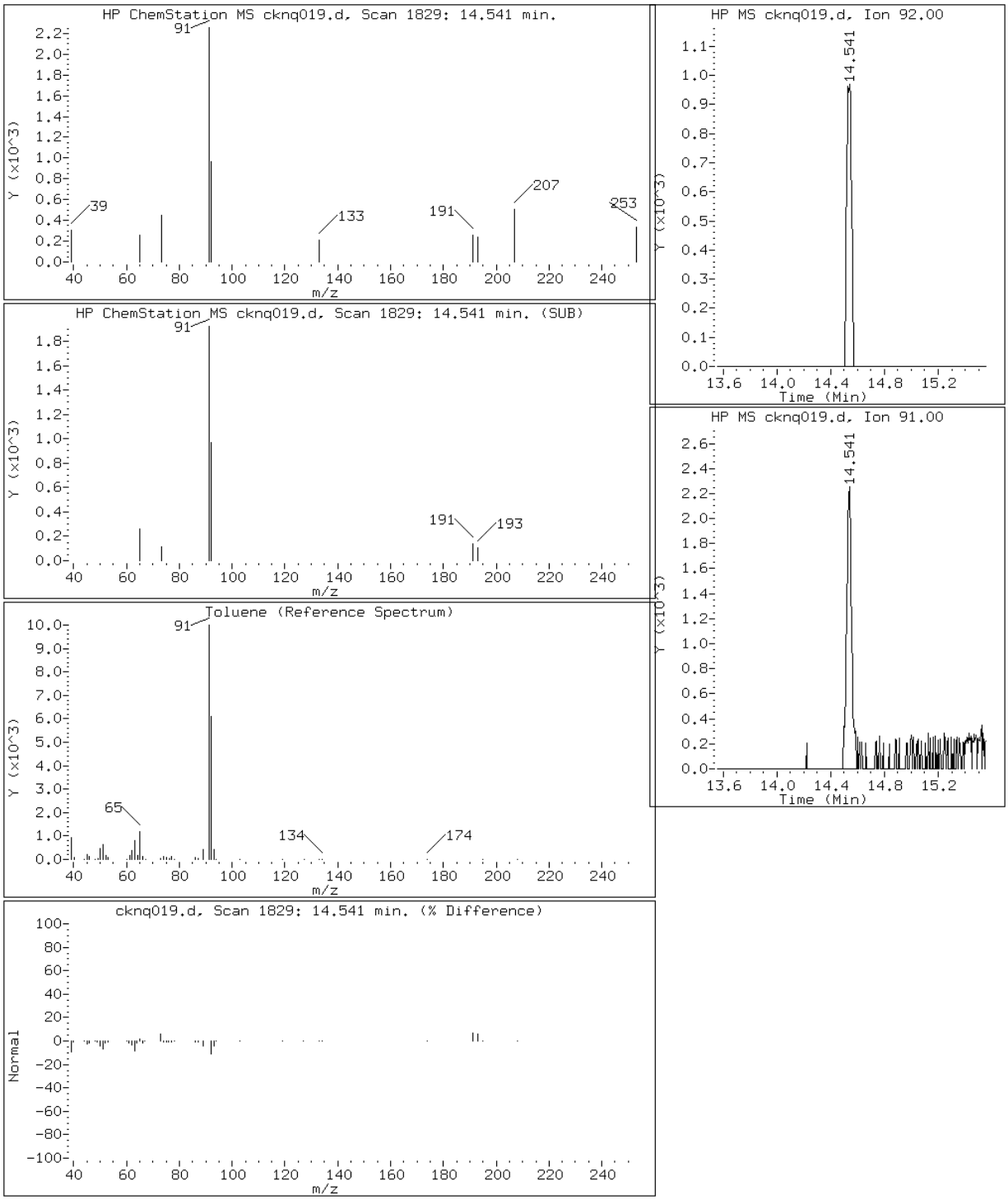
Data File: cknq019.d

Lab Sample ID: 280-25116-13 Date: 07-FEB-2012 00:17

Client ID: 774776CA01AF Instrument: C.i

Sample Info: 280-25116-A-13 Operator: wrd

58 Toluene



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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 785786CA01AD Lab Sample ID: 280-25116-14

Matrix: Air Lab File ID: cknq020.d

Analysis Method: TO-15 Date Collected: 01/24/2012 10:20

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	1.2		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.068	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.52	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.16	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.43		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.091	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.14	J	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.14	J	0.20	0.014
67-66-3	Chloroform	119.38	0.33		0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.059	J	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.076	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	1.7		0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.76		0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 785786CA01AD Lab Sample ID: 280-25116-14

Matrix: Air Lab File ID: cknq020.d

Analysis Method: TO-15 Date Collected: 01/24/2012 10:20

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	26		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.12	J	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	1.7		0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.069	J	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.23	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.070	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.30		0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.054	J	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 785786CA01AD Lab Sample ID: 280-25116-14

Matrix: Air Lab File ID: cknq020.d

Analysis Method: TO-15 Date Collected: 01/24/2012 10:20

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 785786CA01AD Lab Sample ID: 280-25116-14

Matrix: Air Lab File ID: cknq020.d

Analysis Method: TO-15 Date Collected: 01/24/2012 10:20

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	2.8		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.52	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	1.2	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.54	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	1.5		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.27	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.56	J	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.56	J	0.79	0.056
67-66-3	Chloroform	119.38	1.6		0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.32	J	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.48	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	7.9		0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	3.1		0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 785786CA01AD Lab Sample ID: 280-25116-14

Matrix: Air Lab File ID: cknq020.d

Analysis Method: TO-15 Date Collected: 01/24/2012 10:20

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	140		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.44	J	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	11		1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.30	J	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.98	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.30	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	1.3		0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.26	J	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: 785786CA01AD Lab Sample ID: 280-25116-14

Matrix: Air Lab File ID: cknq020.d

Analysis Method: TO-15 Date Collected: 01/24/2012 10:20

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-14
Client Smp ID: 785786CA01AD
Inj Date : 07-FEB-2012 01:06
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-14
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 2
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	5.057	5.057	(0.455)	31167	0.50272	0.50
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	5.730	5.730	(0.516)	44759	1.19597	1.2
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	7.144	7.149	(0.643)	15292	0.24351	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.722)	2978	0.06803	0.068(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.233	8.211	(0.741)	16386	0.52285	0.52(a)
21 Carbon disulfide	76	Compound Not Detected.					

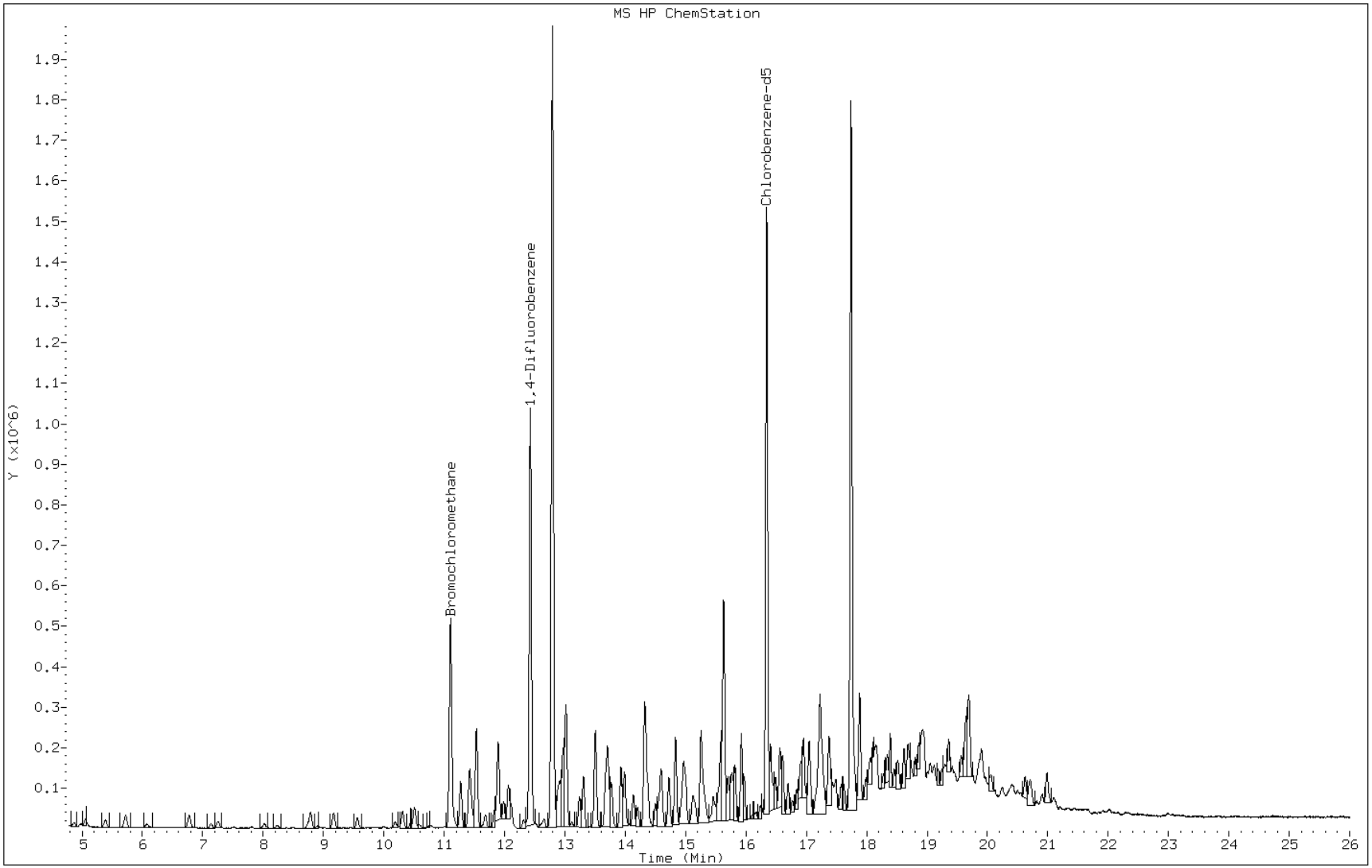
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.900	8.910	(0.801)	3685	0.15644	0.16(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.562	9.572	(0.861)	16425	0.42947	0.43
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61				3486	0.14201	0.14(a)
	34 1,2-Dichloroethene (cis)	96	10.762	10.773	(0.969)	3486	0.14201	0.14(a)
	36 Methyl Ethyl Ketone	72	10.778	10.762	(0.971)	1042	0.09073	0.091(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	192169	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	11.152	11.173	(1.004)	16627	0.33030	0.33
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	11.440	11.451	(0.921)	3387	0.05932	0.059(aQ)
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	4409	0.07581	0.076(a)
	43 2,2,4-Trimethylpentane	57	11.888	11.904	(0.957)	210528	1.68717	1.7
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.107	12.129	(0.974)	35298	0.76285	0.76
*	47 1,4-Difluorobenzene	114	12.427	12.443	(1.000)	1115889	10.0000	
	49 Trichloroethene	95	12.796	12.812	(1.030)	935833	26.2681	26
	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	14.541	14.557	(0.890)	7075	0.11573	0.12(aQ)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	83295	1.66822	1.7
	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	16.345	16.366	(1.000)	1101099	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.441	16.462	(1.006)	9306	0.06876	0.069(a)
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	12012	0.22581	0.23(aQ)
M	70 Xylenes, Total	106				15575	0.29602	0.30
	71 Xylene (o)	106	17.071	17.092	(1.044)	3563	0.07022	0.070(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	18.672	18.693	(1.142)	6740	0.05378	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:	cknq020.d	Date:	07-FEB-2012 01:06
Client ID:	785786CA01AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-14		
Lab Sample ID:	280-25116-14		



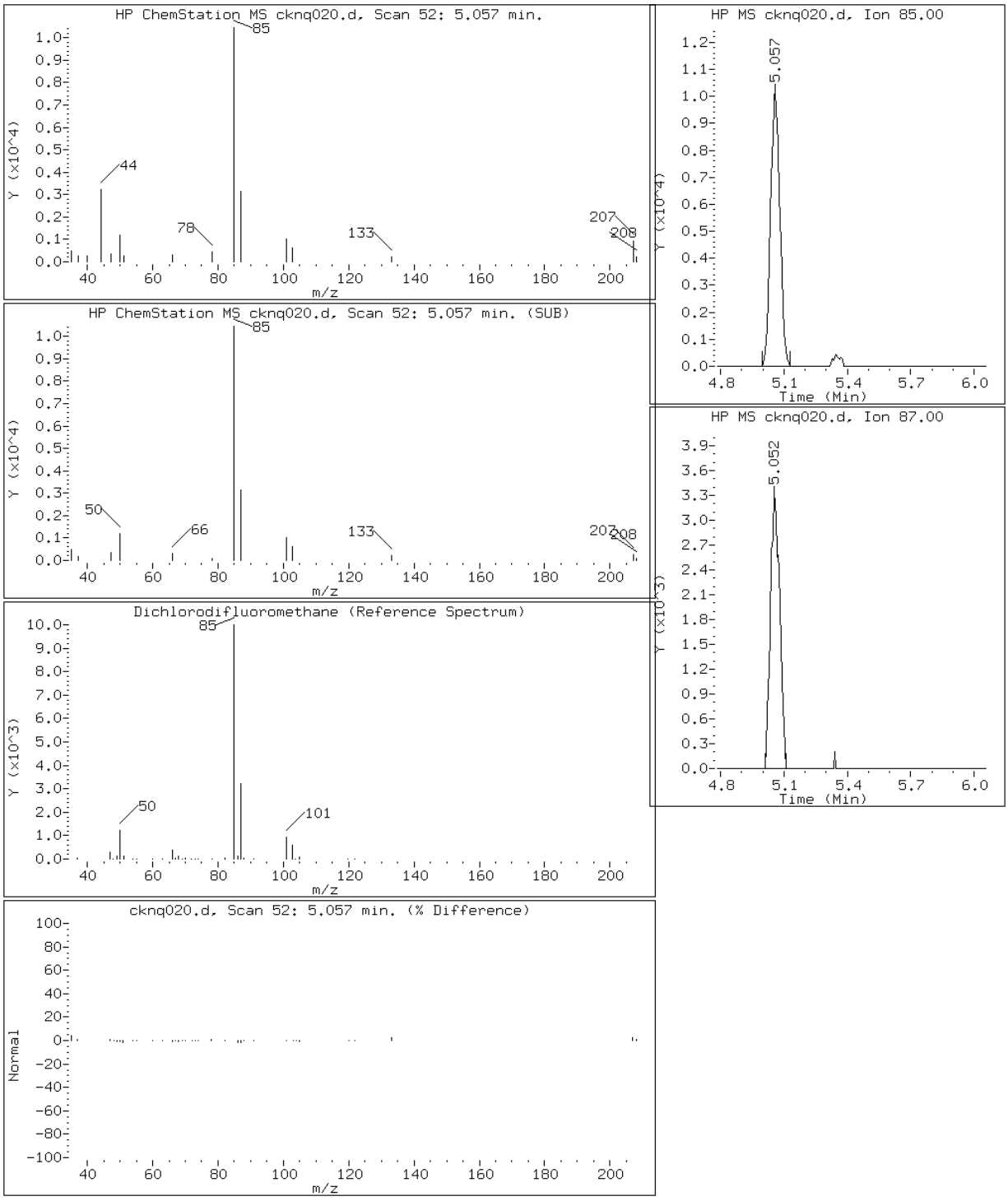
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

2 Dichlorodifluoromethane



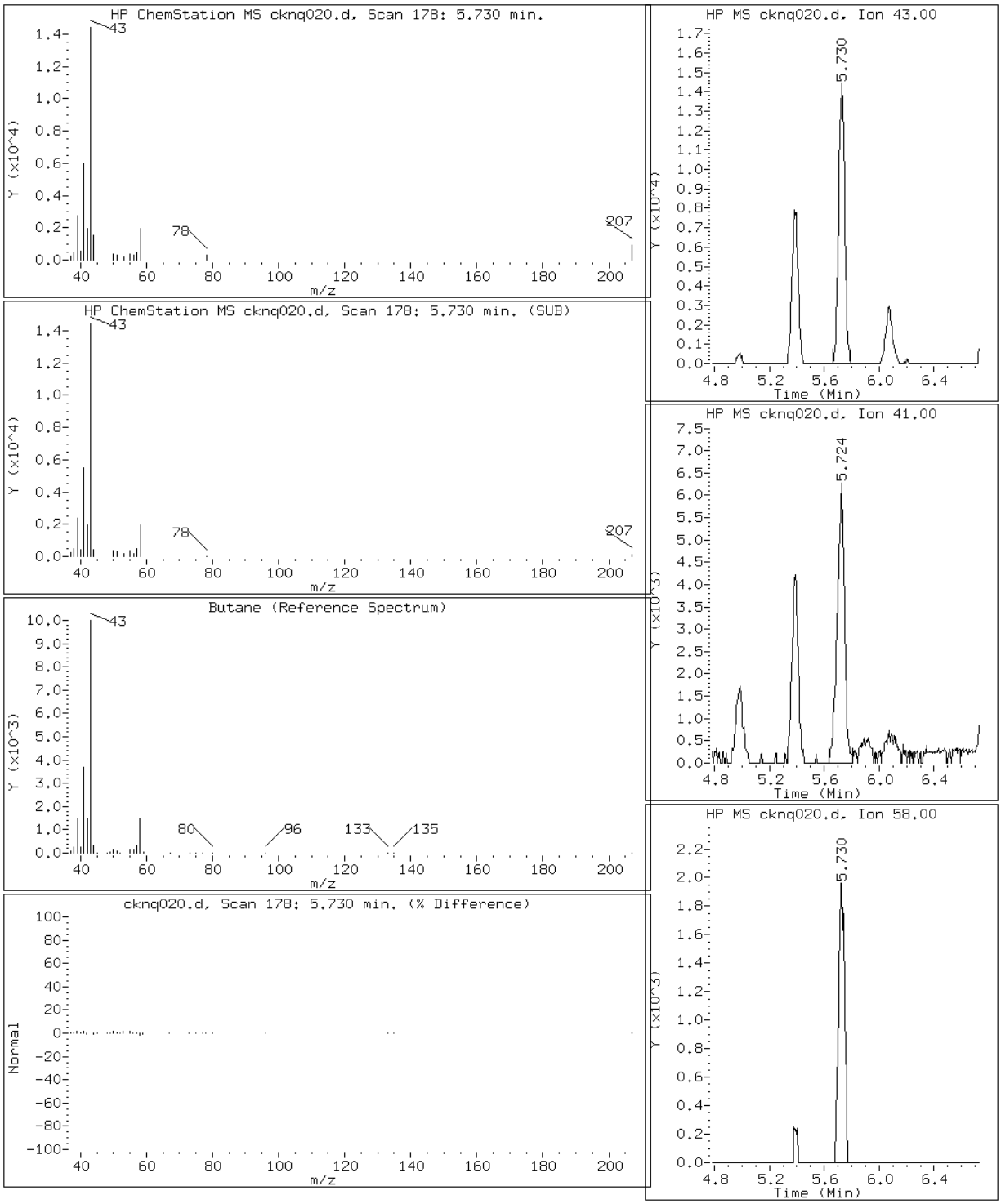
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

6 Butane



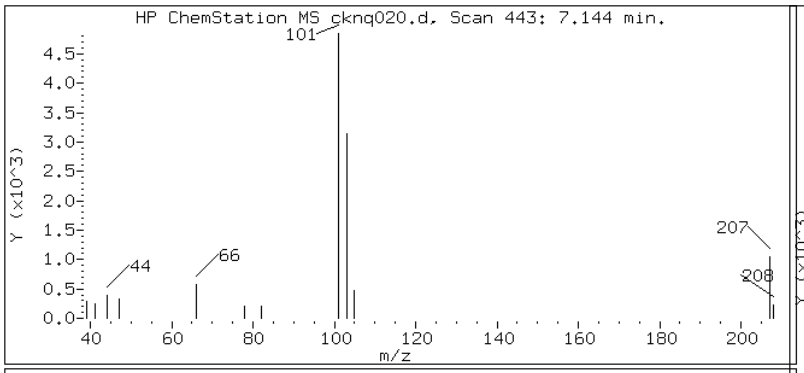
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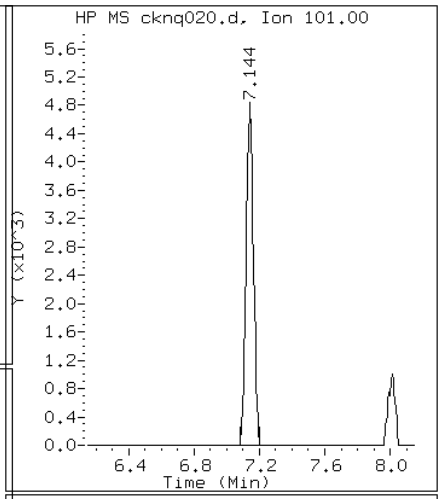
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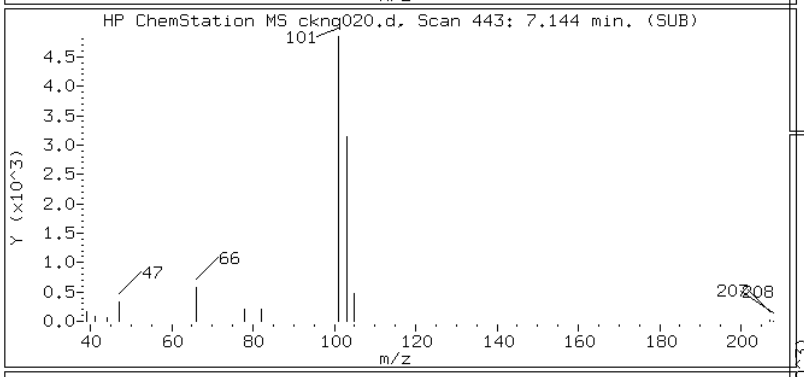
Client ID: 785786CA01AD Instrument: C.i

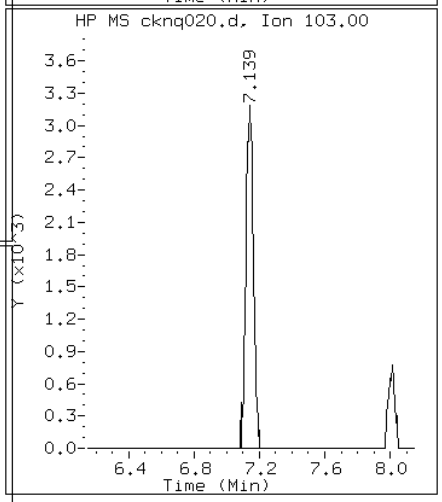
Sample Info: 280-25116-A-14 Operator: wrd

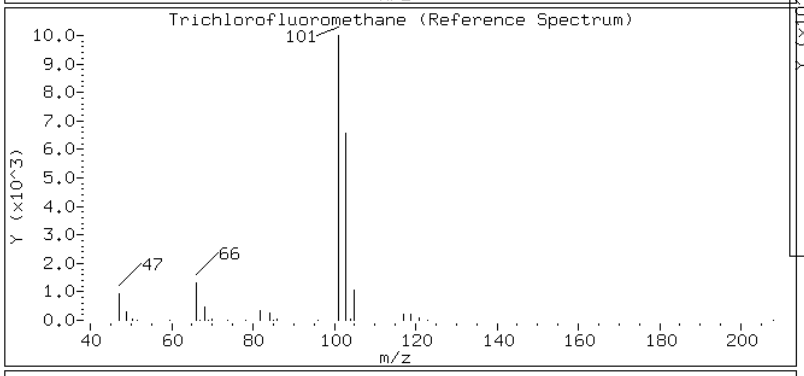
13 Trichlorofluoromethane

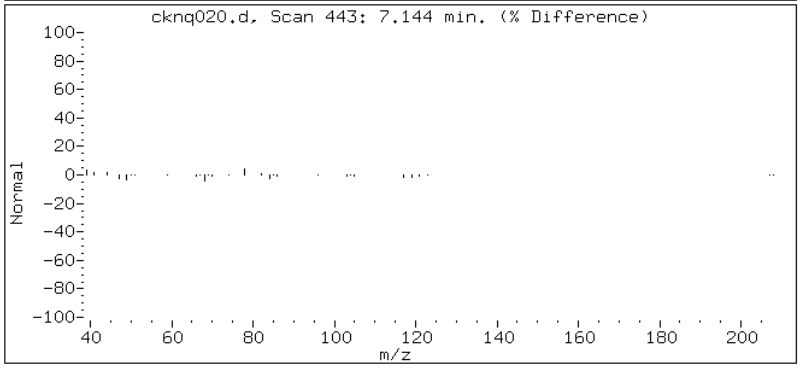












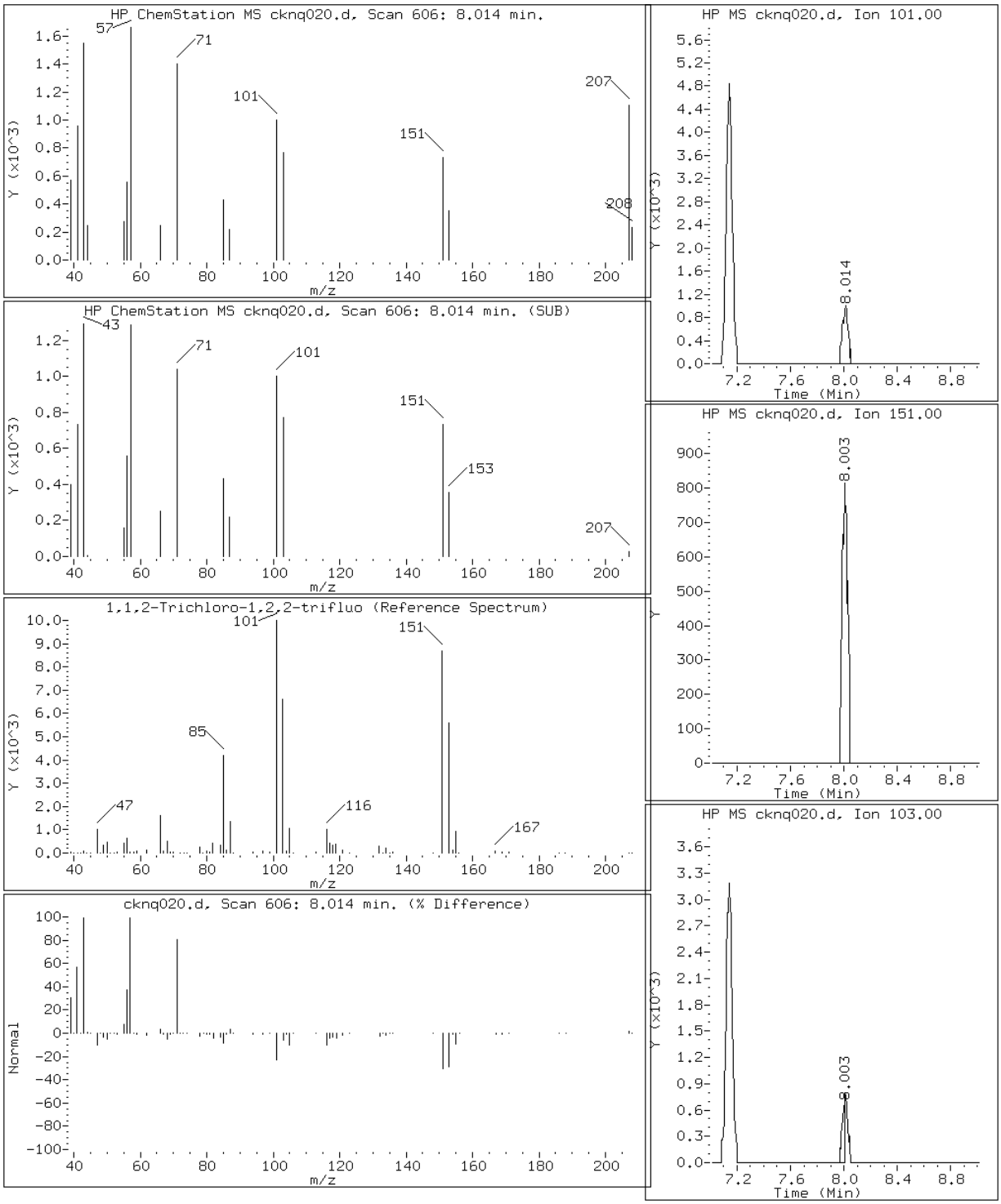
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

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



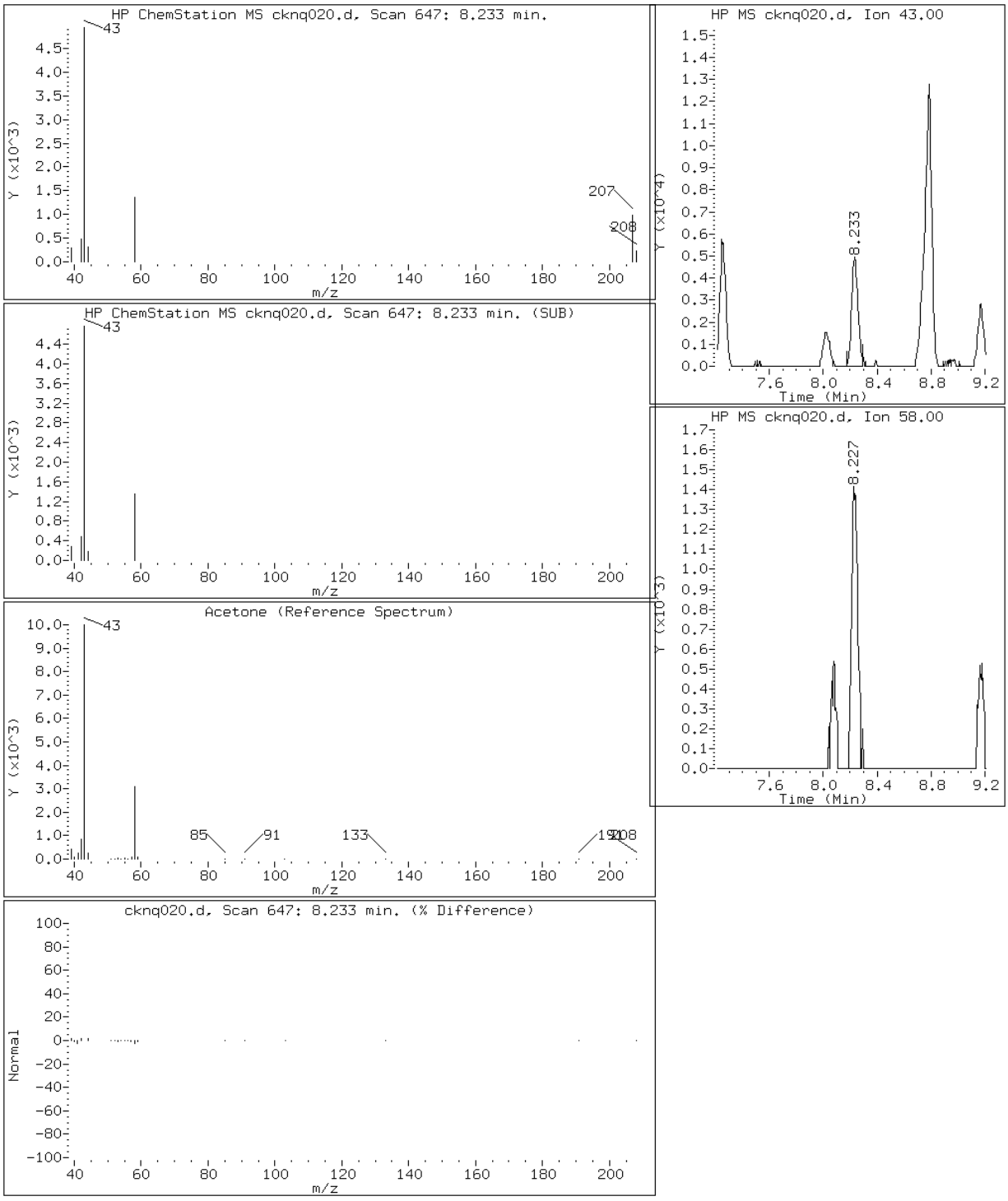
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

20 Acetone



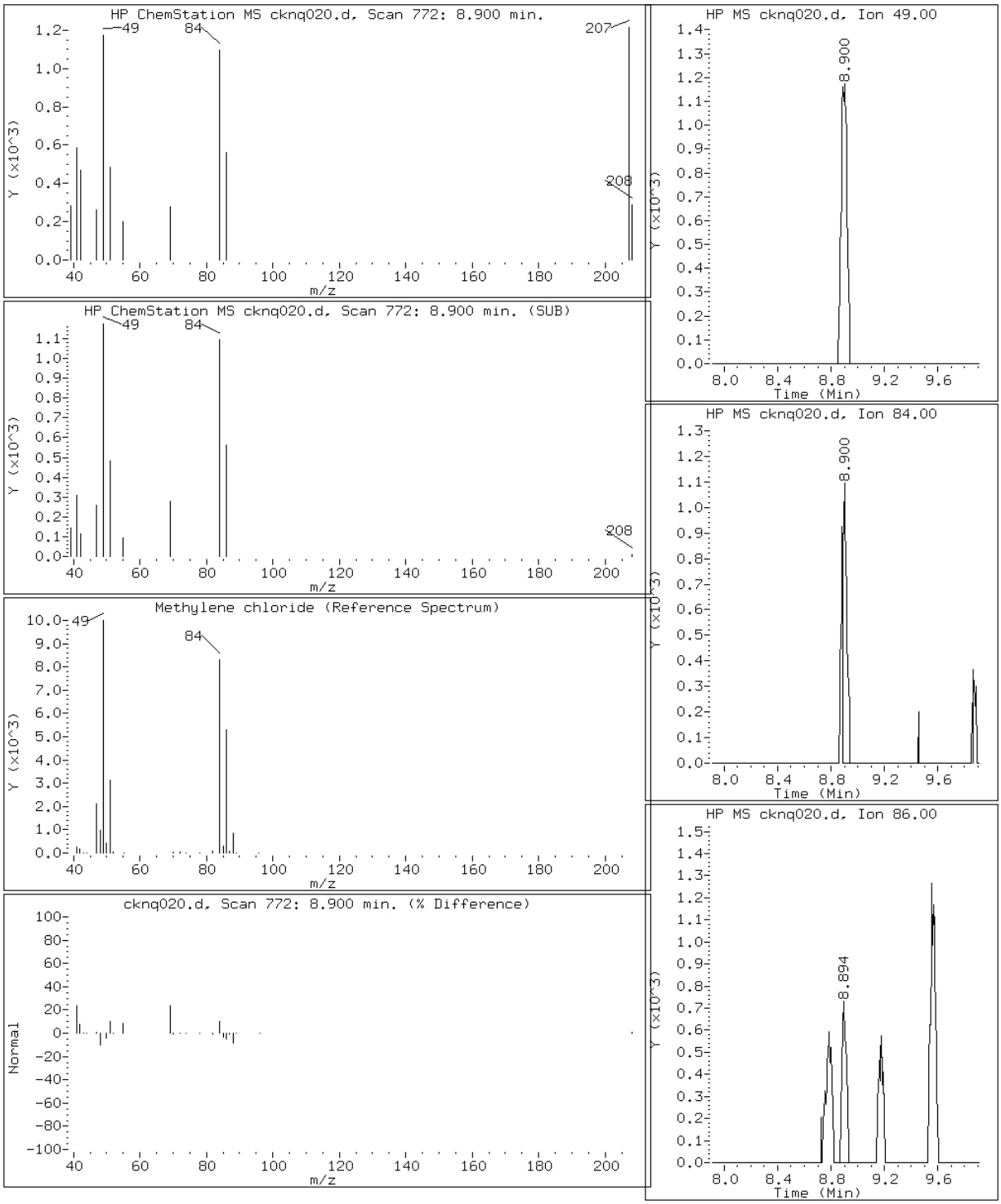
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

25 Methylene chloride



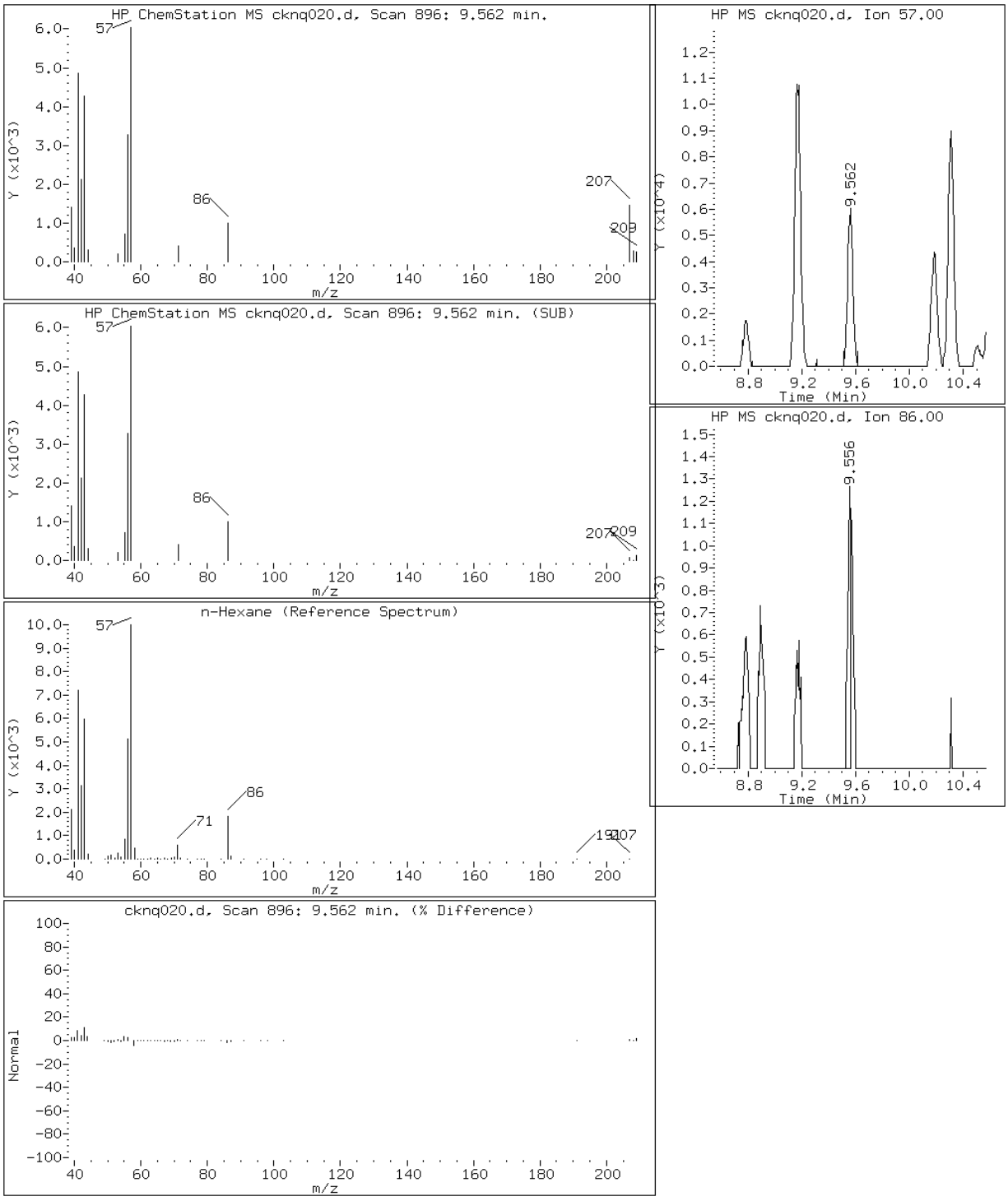
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

30 n-Hexane



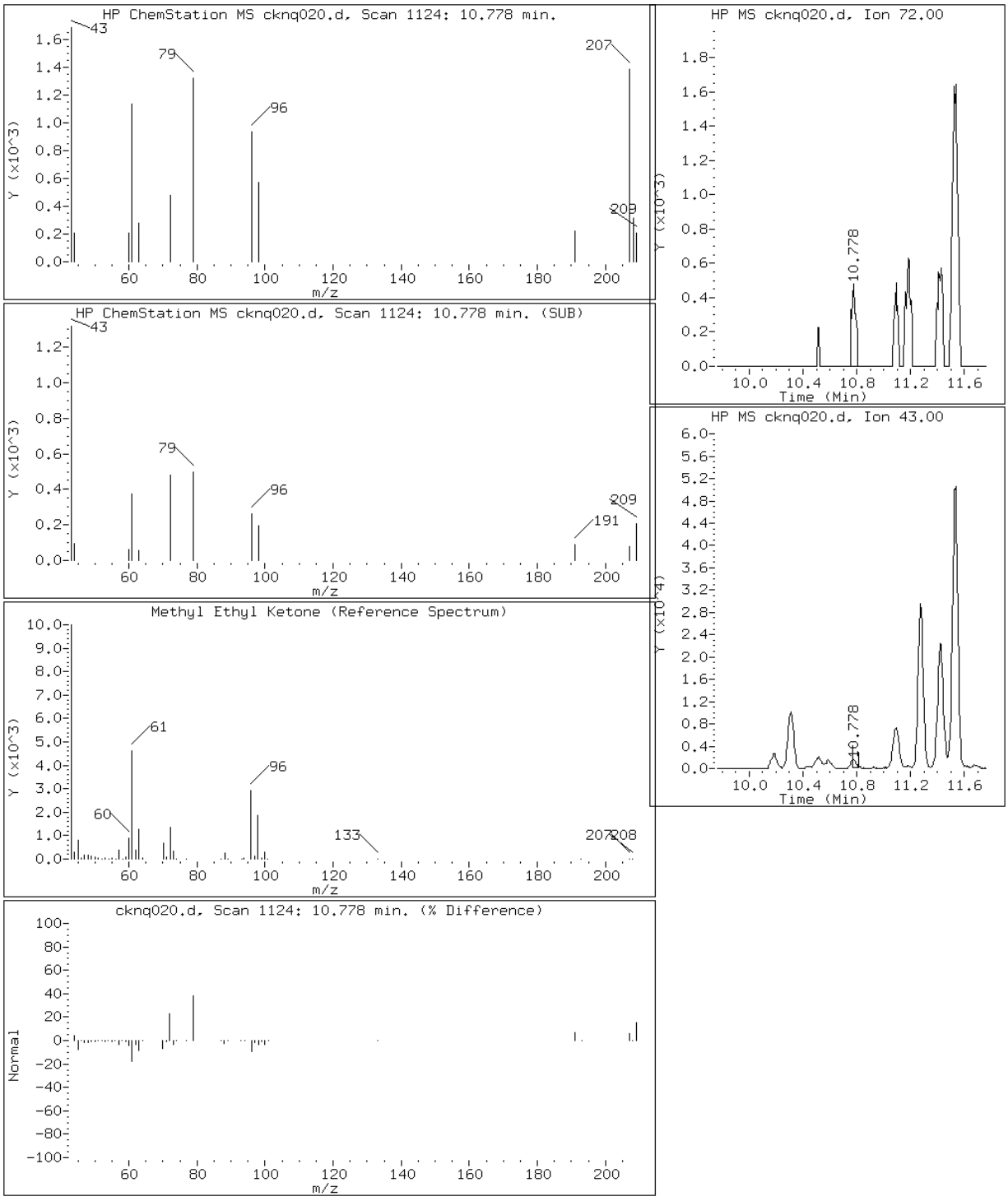
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

36 Methyl Ethyl Ketone



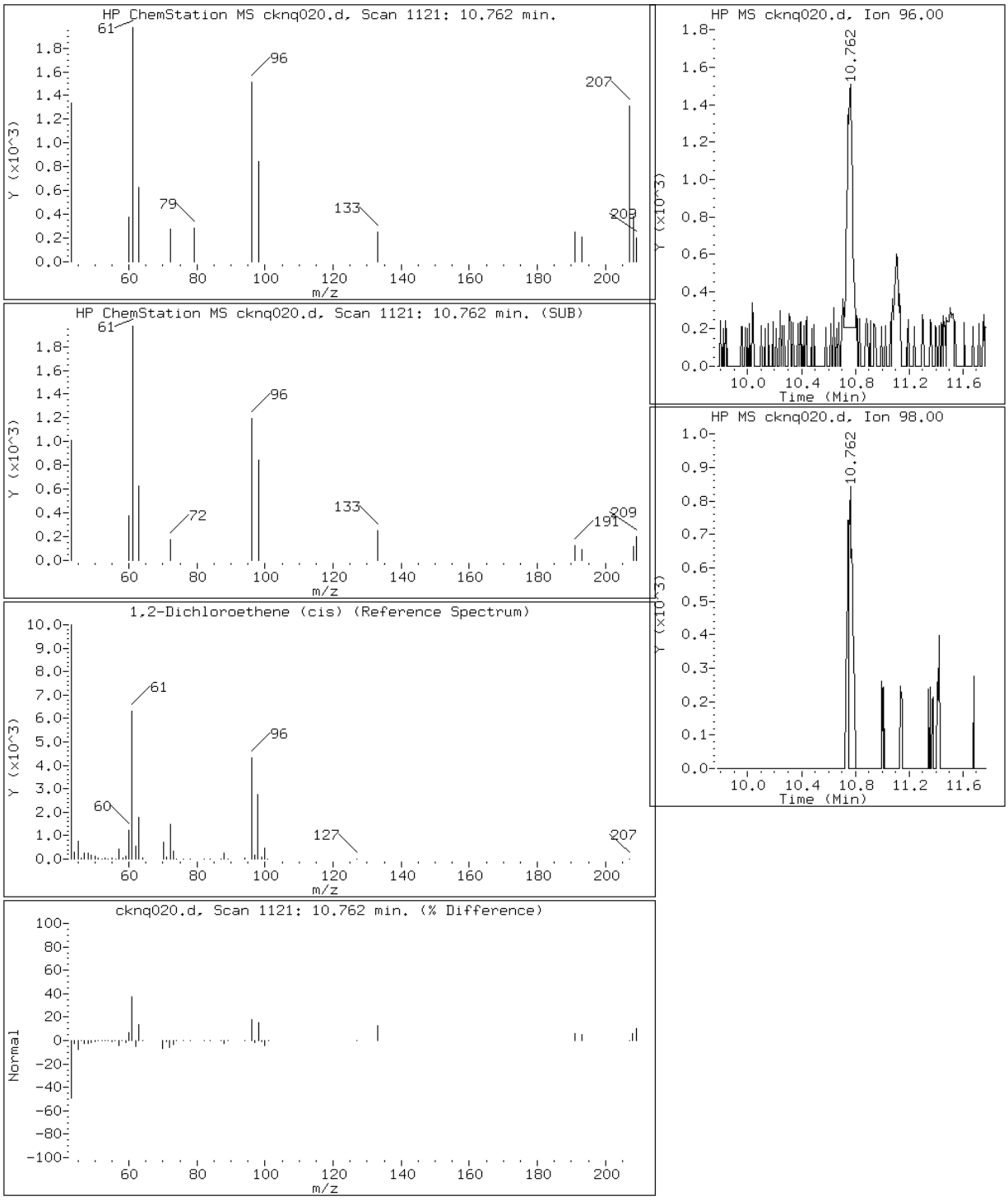
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

34 1,2-Dichloroethene (cis)



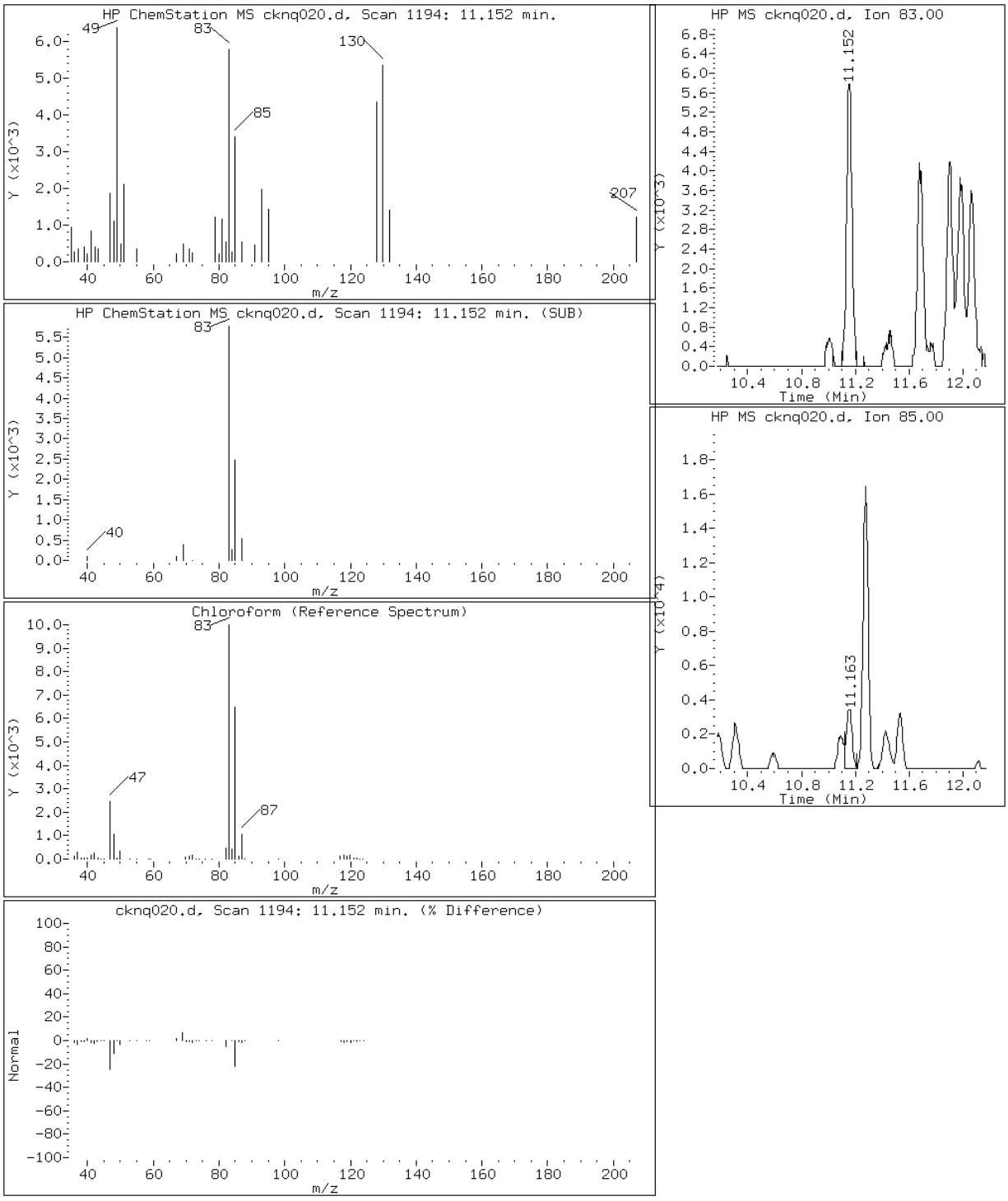
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

39 Chloroform



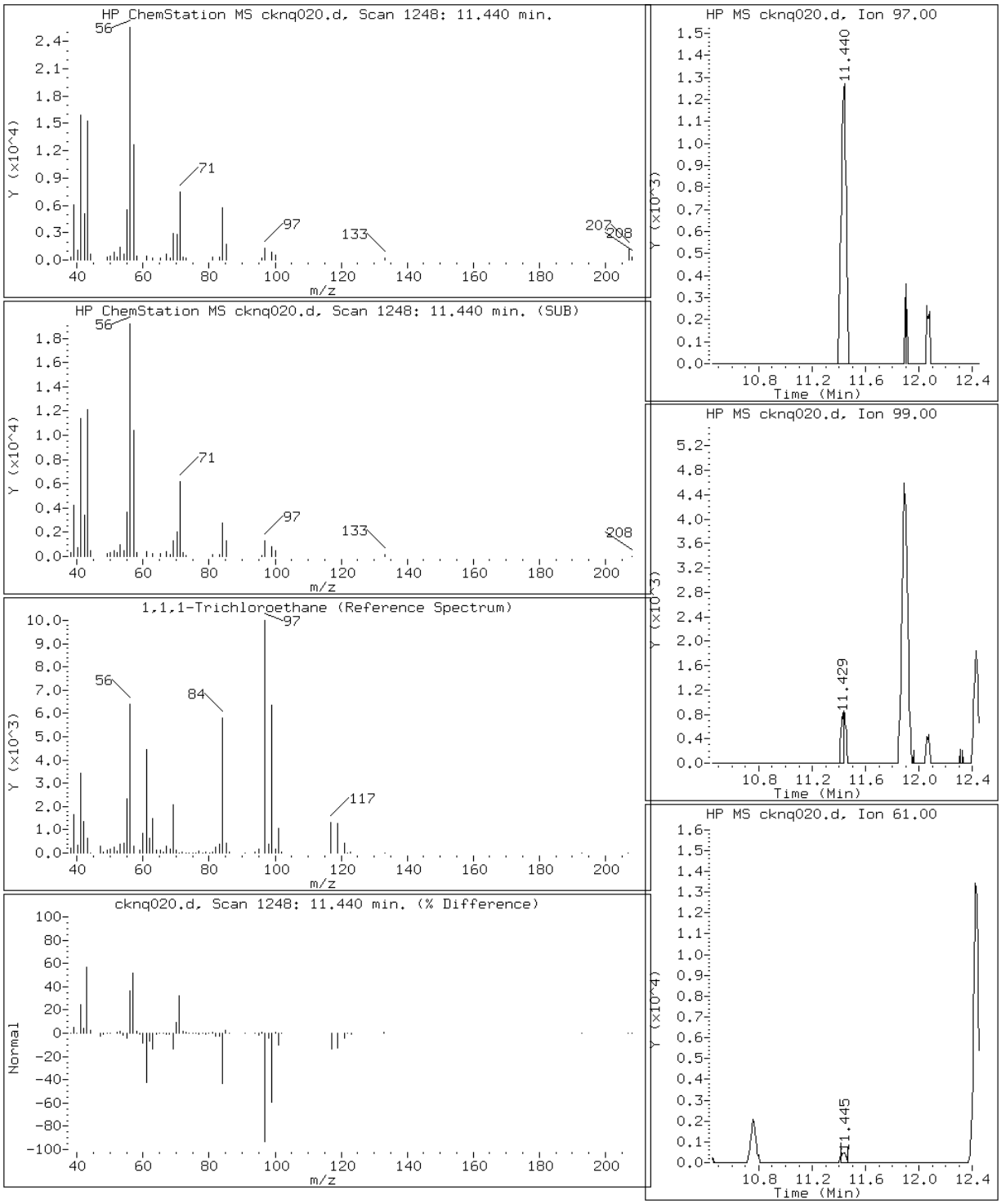
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

41 1,1,1-Trichloroethane



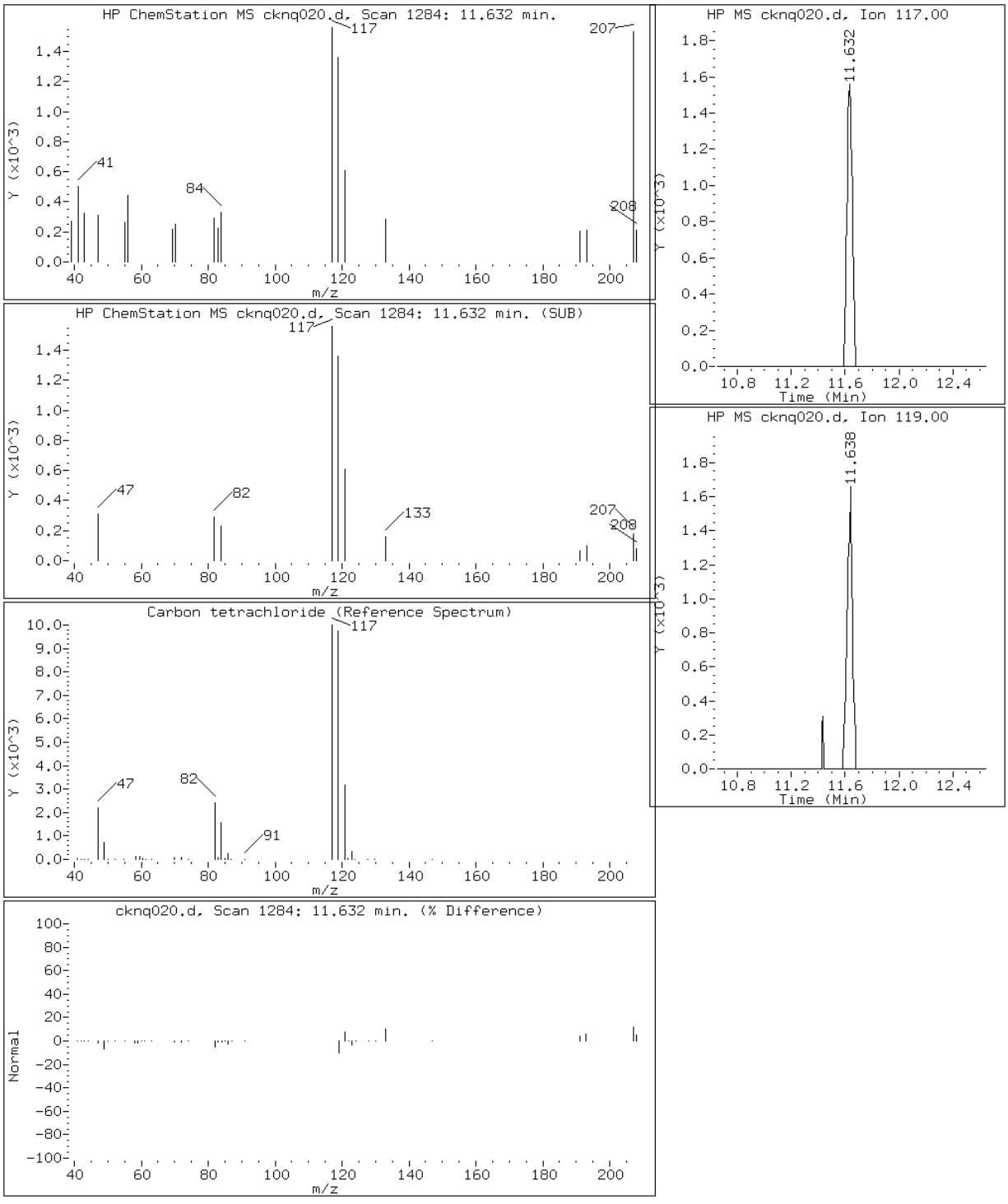
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

42 Carbon tetrachloride



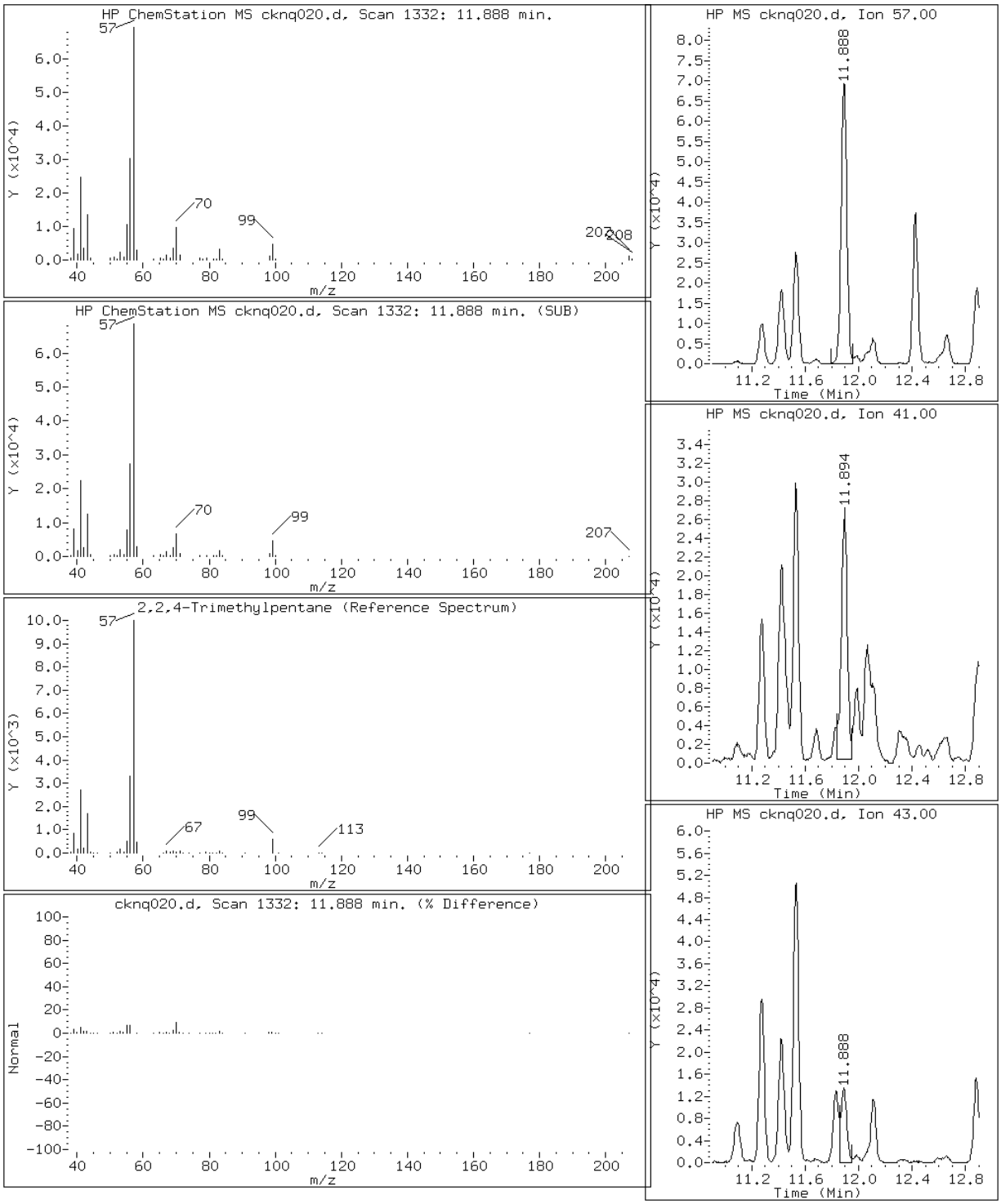
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

43 2,2,4-Trimethylpentane



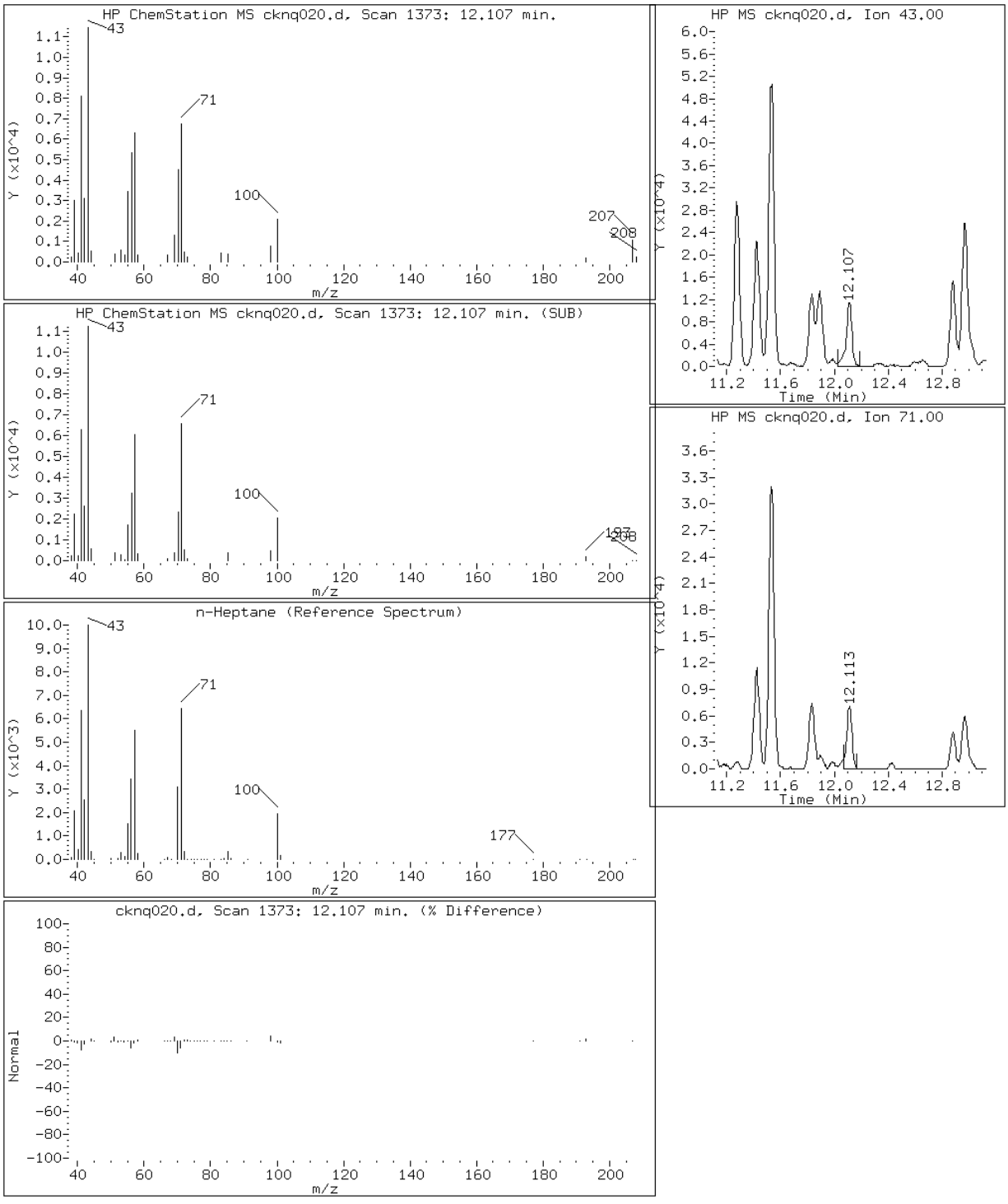
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

46 n-Heptane



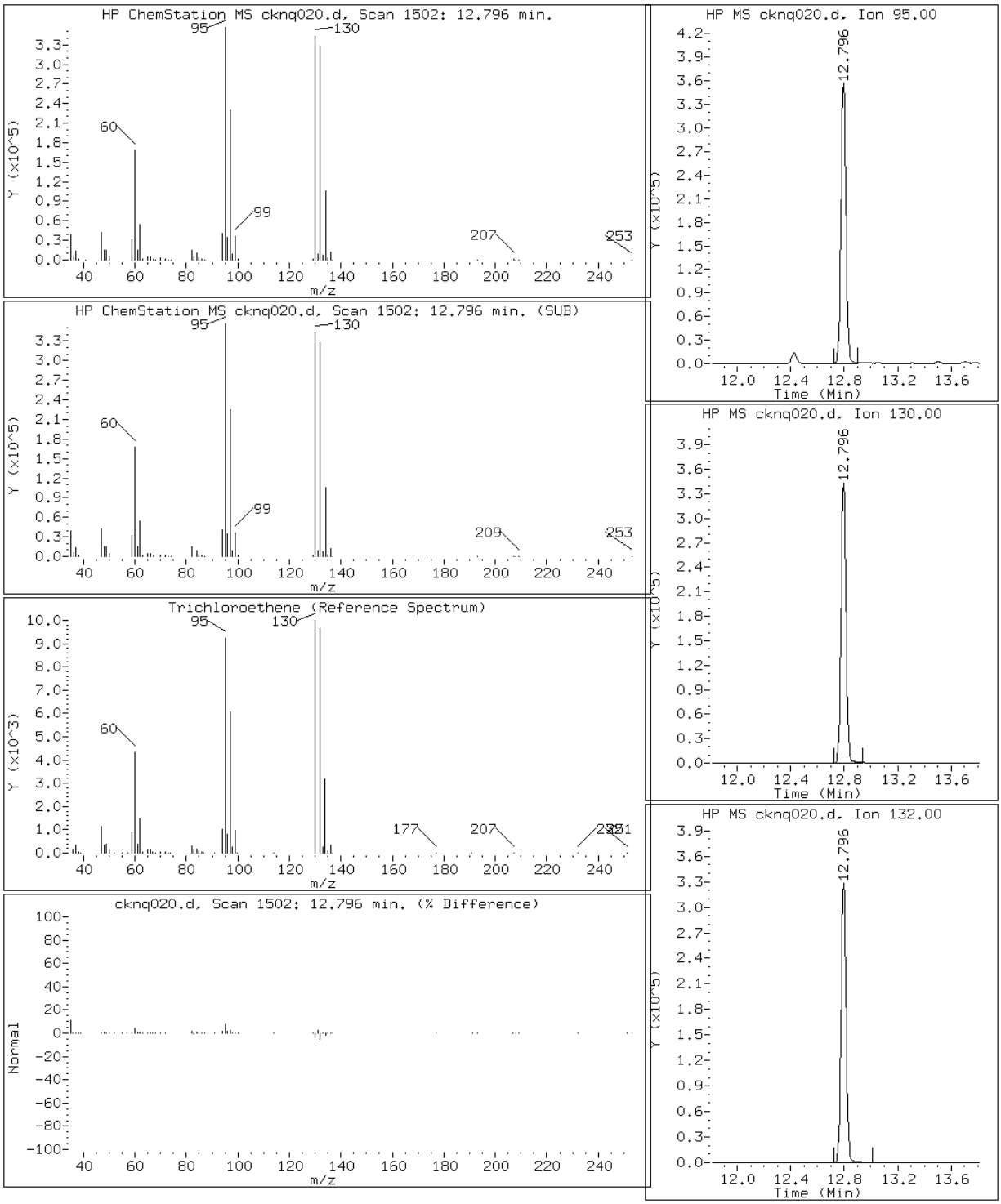
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

49 Trichloroethene



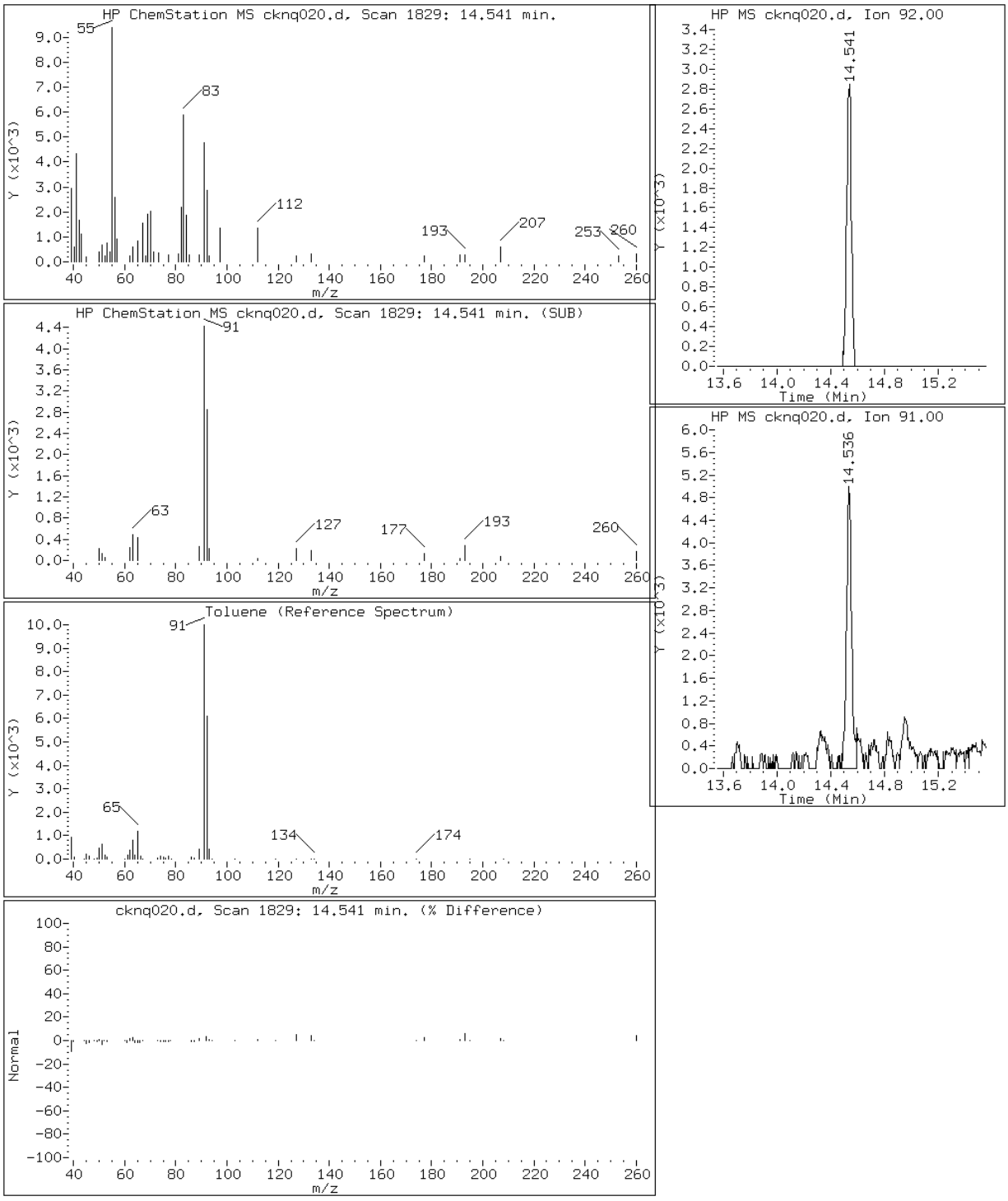
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

58 Toluene



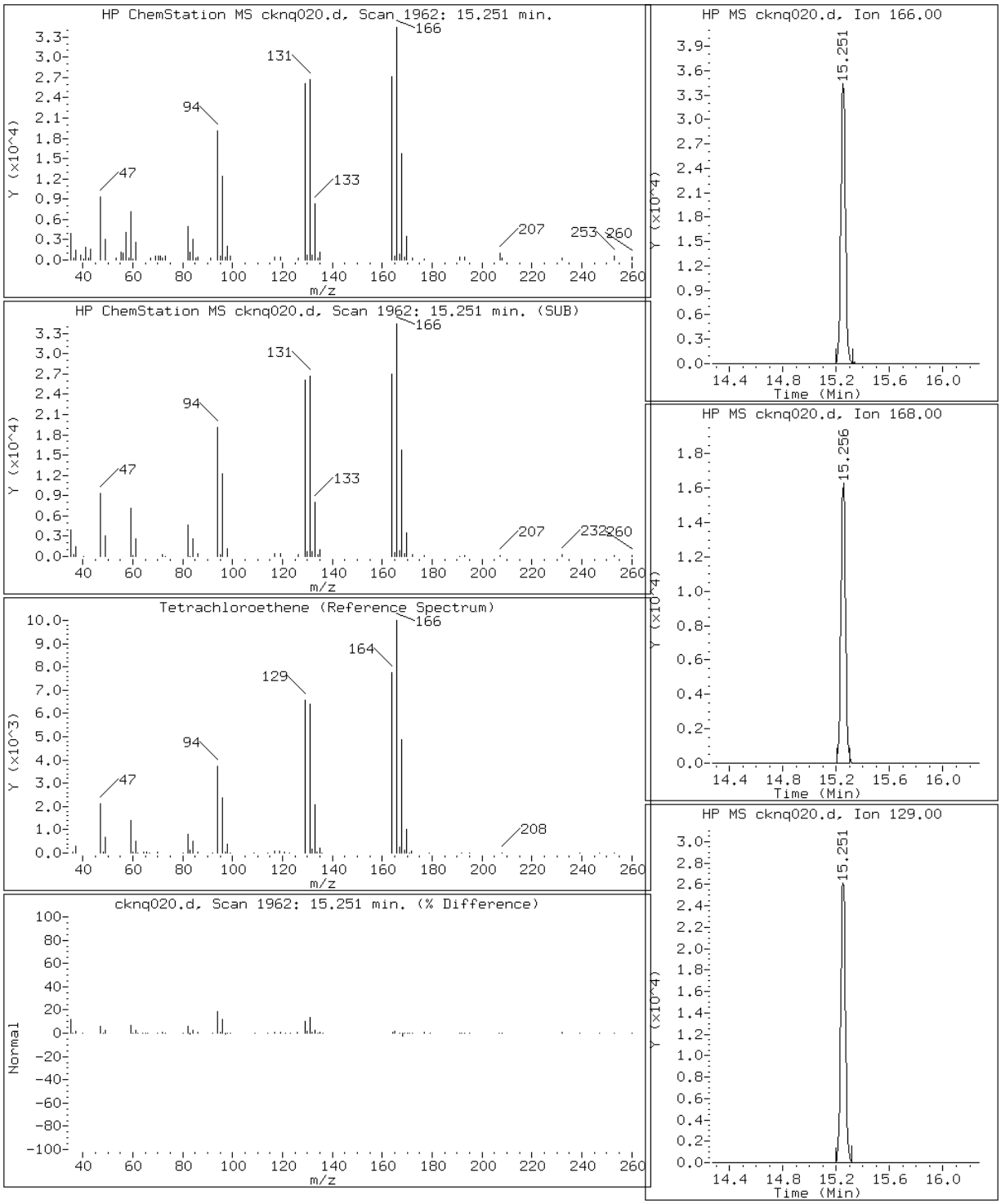
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

61 Tetrachloroethene



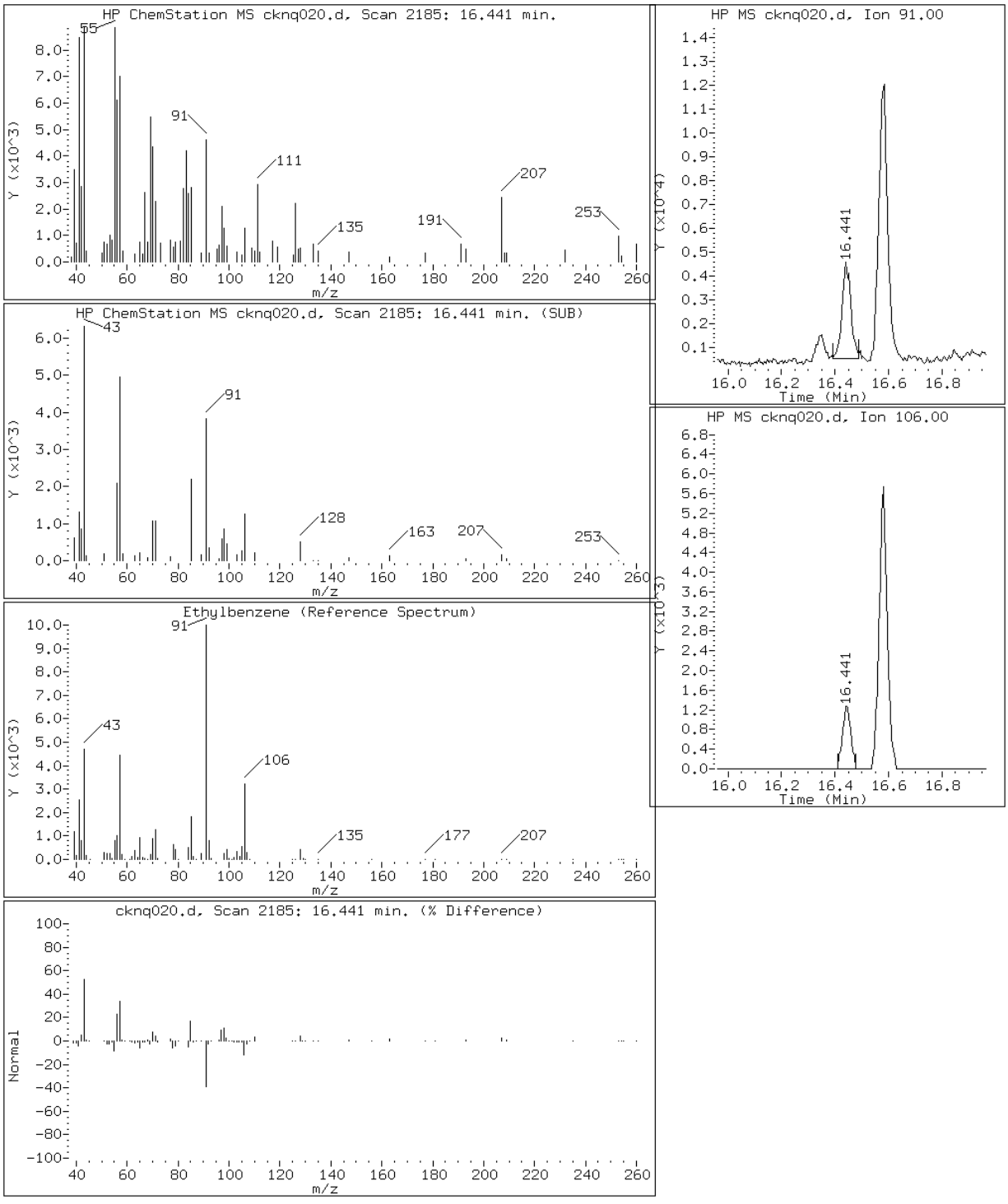
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

68 Ethylbenzene



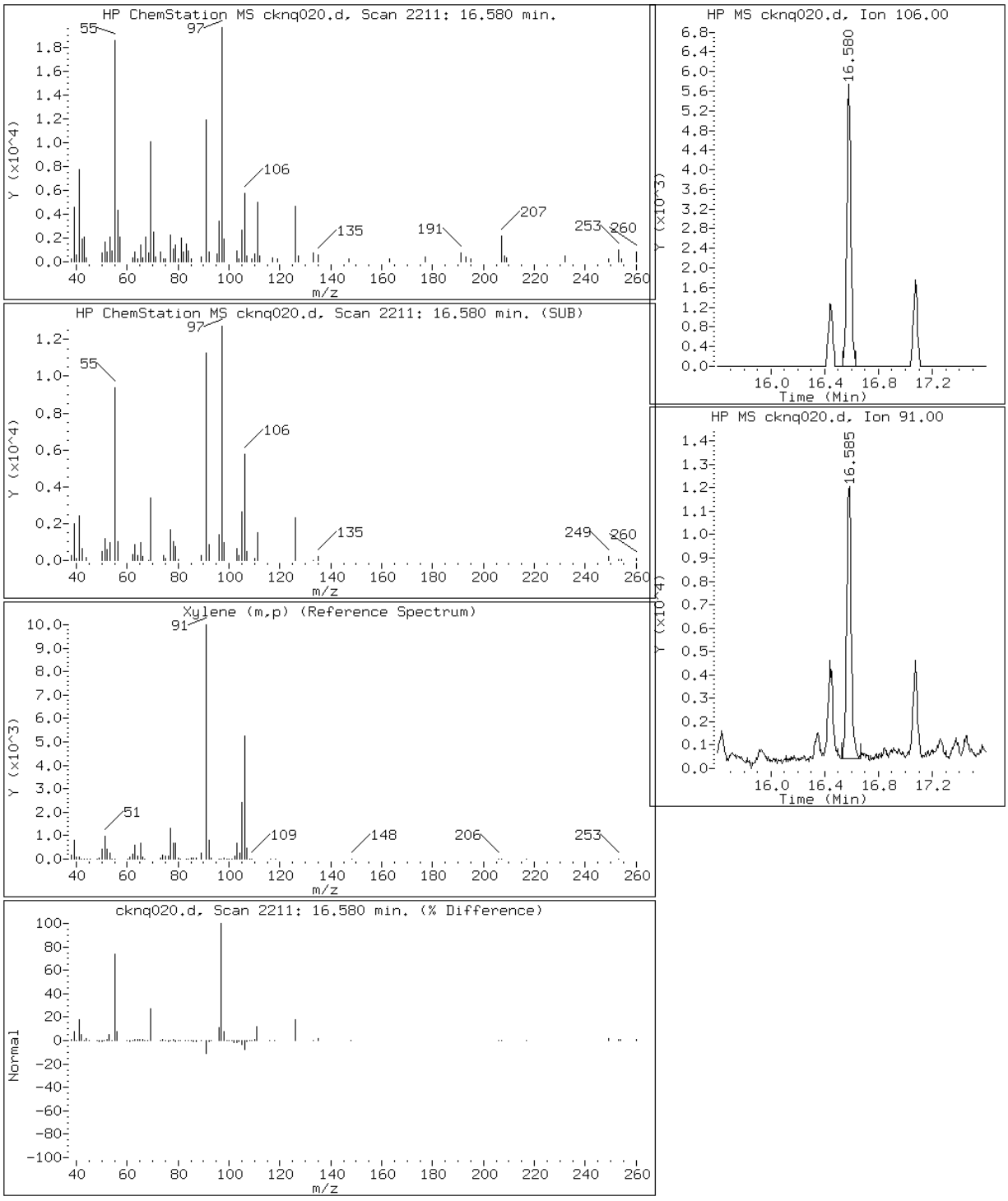
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

69 Xylene (m,p)



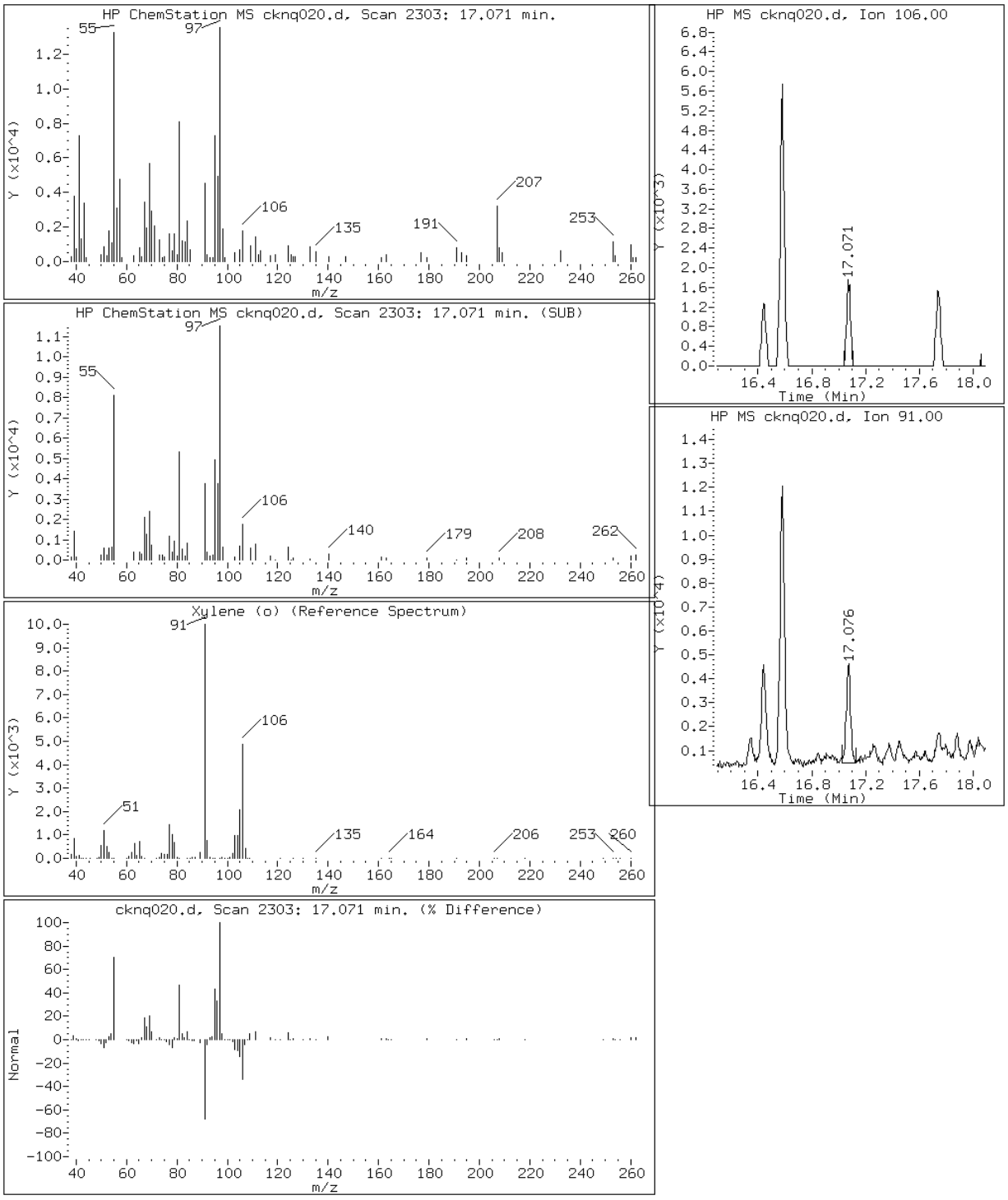
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Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

71 Xylene (o)



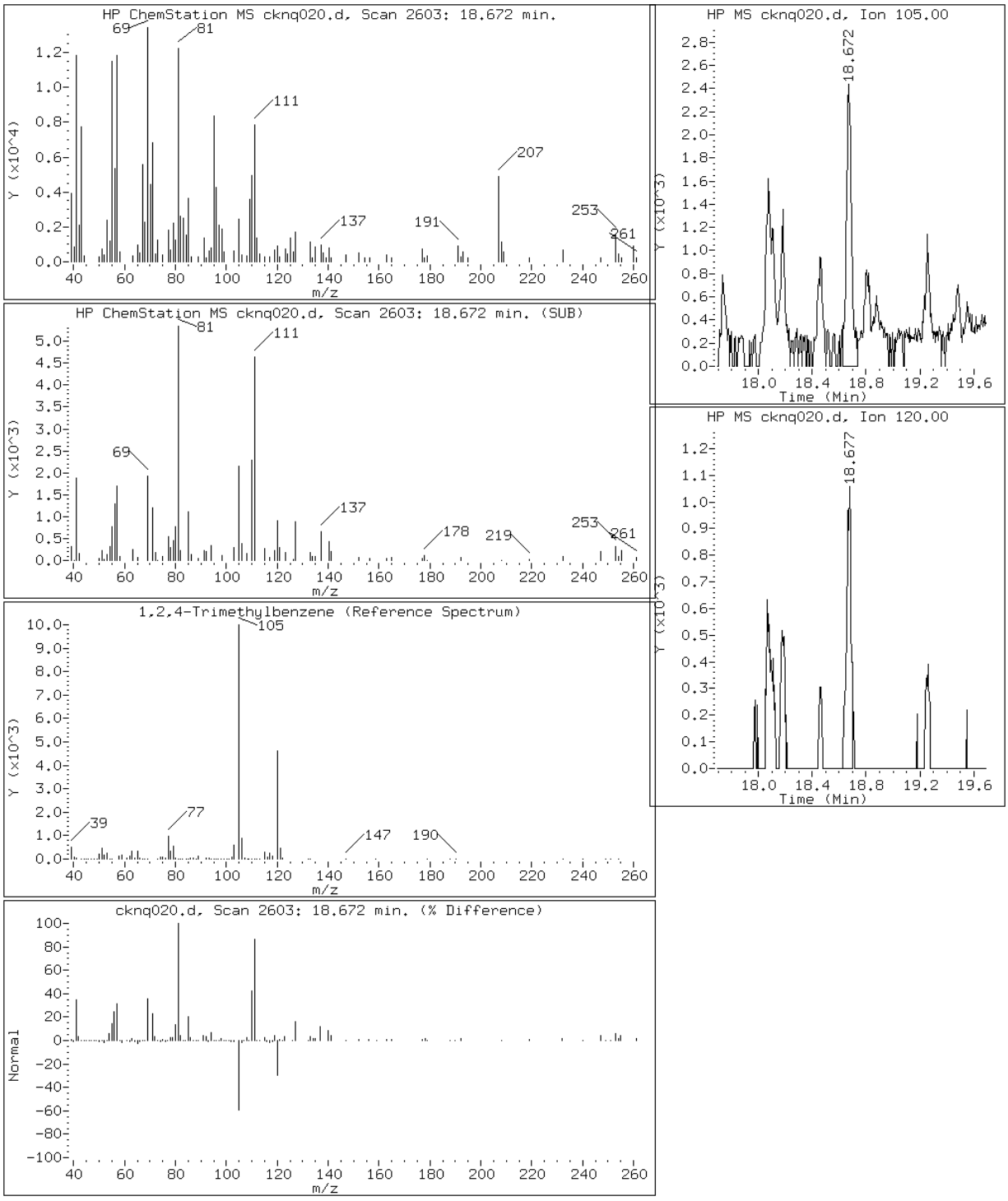
Data File: cknq020.d

Lab Sample ID: 280-25116-14 Date: 07-FEB-2012 01:06

Client ID: 785786CA01AD Instrument: C.i

Sample Info: 280-25116-A-14 Operator: wrd

84 1,2,4-Trimethylbenzene



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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25116-15

Matrix: Air Lab File ID: cknq021.d

Analysis Method: TO-15 Date Collected: 01/27/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:56

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.13	U	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25116-15

Matrix: Air Lab File ID: cknq021.d

Analysis Method: TO-15 Date Collected: 01/27/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:56

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.040	U	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.16	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.080	U	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25116-15

Matrix: Air Lab File ID: cknq021.d

Analysis Method: TO-15 Date Collected: 01/27/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:56

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25116-15

Matrix: Air Lab File ID: cknq021.d

Analysis Method: TO-15 Date Collected: 01/27/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:56

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	0.31	U	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25116-15

Matrix: Air Lab File ID: cknq021.d

Analysis Method: TO-15 Date Collected: 01/27/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:56

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.15	U	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.69	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.35	U	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25116-15

Matrix: Air Lab File ID: cknq021.d

Analysis Method: TO-15 Date Collected: 01/27/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 01:56

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25116-15
Client Smp ID: TRIP BLANK
Inj Date : 07-FEB-2012 01:56
Operator : wrd Inst ID: C.i
Smp Info : 280-25116-A-15
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.d
Als bottle: 3
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)

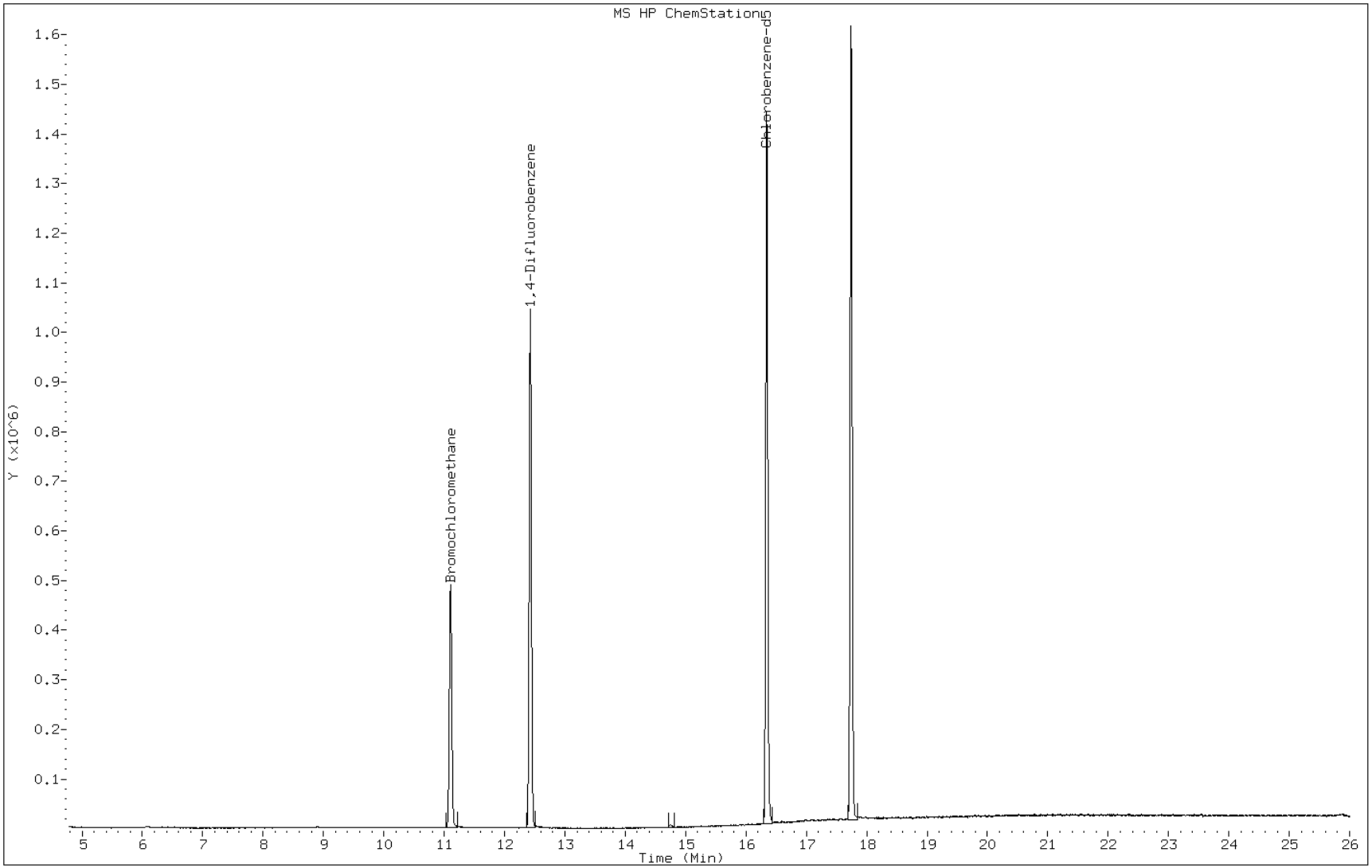
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	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.					
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)	CONCENTRATIONS FINAL (ppb v/v)
	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	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	11.104	11.125	(1.000)	192114	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	12.427	12.443	(1.000)	1170824	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	16.345	16.366	(1.000)	1078910	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)	CONCENTRATIONS 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.					

Data File:	cknq021.d	Date:	07-FEB-2012 01:56
Client ID:	TRIP BLANK	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25116-A-15		
Lab Sample ID:	280-25116-15		



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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-32216/3	ic 260559	ckn003.d
Level 2	IC 200-32216/4	ic 260524	ckn004.d
Level 3	IC 200-32216/5	ic 275708	ckn005.d
Level 4	ICIS 200-32216/6	icis 275681	ckn006.d
Level 5	IC 200-32216/7	ic 260512	ckn007.d
Level 6	IC 200-32216/8	ic 260506	ckn008.d
Level 7	IC 200-32216/9	ic 275630	ckn009.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 4	LVL 5		B	M1	M2								
Propylene	0.7970	0.9419 0.7217	0.9321	0.8488	0.8298	Ave		0.8452				9.9		30.0			
Dichlorodifluoromethane	3.0852	3.5591 2.8353	3.4854	3.2215	3.1704	Ave		3.2261				8.2		30.0			
Freon 22	1.6810	1.9125 1.5348	1.8407	1.7138	1.7040	Ave		1.7311				7.6		30.0			
1,2-Dichlorotetrafluoroethane	3.5007 3.3937	3.3895 3.1737	3.6761	3.4052	3.4148	Ave		3.4219				4.4		30.0			
Chloromethane	0.9241	1.1544 0.8537	1.0422	0.9527	0.9395	Ave		0.9778				10.8		30.0			
n-Butane	1.8647	2.2133 1.7202	2.0548	1.9146	1.9173	Ave		1.9475				8.7		30.0			
Vinyl chloride	1.2269 1.1712	1.1987 1.0883	1.2635	1.1965	1.1845	Ave		1.1899				4.6		30.0			
1,3-Butadiene	0.9290 0.9288	0.8990 0.8572	1.0005	0.9378	0.9357	Ave		0.9269				4.7		30.0			
Bromomethane	1.1038 1.0637	1.0753 0.9939	1.1503	1.0690	1.0782	Ave		1.0763				4.4		30.0			
Chloroethane	0.6441	0.6661 0.5901	0.7007	0.6461	0.6520	Ave		0.6498				5.5		30.0			
Isopentane	1.7544 1.4328	1.6996 1.3006	1.5868	1.4631	1.4631	Ave		1.5286				10.5		30.0			
Bromoethene(Vinyl Bromide)	1.1087 1.0878	1.0258 1.0334	1.1313	1.0733	1.0876	Ave		1.0782				3.5		30.0			
Trichlorofluoromethane	3.3821 3.2508	3.2716 3.0569	3.4273	3.2082	3.2784	Ave		3.2679				3.7		30.0			
n-Pentane	2.2075	2.2861 2.0764	2.2959	2.1551	2.2311	Ave		2.2087				3.8		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.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.4067	0.4374 0.3576	0.3576	0.3783	0.4168	Ave		0.3924				8.4		30.0			
Ethyl ether	0.8460 0.8116	0.7859 0.7794	0.8776	0.8690	0.8540	Ave		0.8319				4.8		30.0			
Acrolein	0.3177	0.4079	0.4301	0.4373	0.3577	Ave		0.3902				13.1		30.0			
Freon TF	2.2942 2.3319	2.2001 2.2445	2.3443	2.2148	2.3168	Ave		2.2781				2.6		30.0			
1,1-Dichloroethene	1.0382 1.1211	0.9861 1.0698	1.1229	1.0721	1.1184	Ave		1.0755				4.7		30.0			
Acetone	1.5999	1.3603	1.7778	1.6908	1.7256	Ave		1.6309				10.1		30.0			
Isopropyl alcohol	1.0430	1.0332	1.1554	1.2150	1.1493	Ave		1.1192				7.0		30.0			
Carbon disulfide	3.2967	3.1114 3.1544	3.3593	3.2017	3.3005	Ave		3.2373				3.0		30.0			
3-Chloropropene	1.5643 1.5990	1.4615 1.4805	1.7161	1.6067	1.7478	Ave		1.5966				6.8		30.0			
Acetonitrile	0.6282	0.6667	0.6868	0.6600	0.7428	Ave		0.6769				6.3		30.0			
Methylene Chloride	1.1879	1.4094 1.1047	1.2828	1.1665	1.2030	Ave		1.2257				8.7		30.0			
tert-Butyl alcohol	1.5569	1.5205	1.7332	1.7825	1.7223	Ave		1.6631				7.0		30.0			
Methyl tert-butyl ether	3.4986 3.3176	3.2952 3.1746	3.5924	3.5616	3.5024	Ave		3.4203				4.6		30.0			
trans-1,2-Dichloroethene	1.7025 1.7589	1.6671 1.6654	1.8285	1.6946	1.7645	Ave		1.7259				3.5		30.0			
Acrylonitrile	0.7446	0.7353 0.7626	0.8114	0.7893	0.7947	Ave		0.7730				3.9		30.0			
n-Hexane	1.9953 2.0186	1.9499 1.9238	2.0777	1.9431	2.0227	Ave		1.9902				2.7		30.0			
Vinyl acetate	2.6444	2.6902	3.0191	2.9971	2.8091	Ave		2.8320				6.1		30.0			
1,1-Dichloroethane	2.1993 2.1819	2.1164 2.0816	2.2854	2.1433	2.1935	Ave		2.1716				3.0		30.0			
Ethyl acetate	0.1083	0.1051	0.1125	0.1157	0.1137	Ave		0.1111				3.9		30.0			
Methyl Ethyl Ketone	0.5677	0.6971 0.5324	0.5906	0.5999	0.5984	Ave		0.5977				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.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	1.2933 1.2974	1.2222 1.2639	1.3131	1.2577	1.2945	Ave		1.2774				2.4		30.0			
Tetrahydrofuran	0.2112	0.2056	0.2329	0.2328	0.2260	Ave		0.2217				5.7		30.0			
Chloroform	2.6712 2.6339	2.5287 2.5074	2.7506	2.5984	2.6464	Ave		2.6195				3.2		30.0			
1,1,1-Trichloroethane	0.5024 0.5239	0.4821 0.5132	0.5272	0.5104	0.5226	Ave		0.5117				3.1		30.0			
Cyclohexane	0.3183 0.3411	0.3072 0.3385	0.3340	0.3214	0.3391	Ave		0.3285				3.9		30.0			
Carbon tetrachloride	0.4949 0.5405	0.4778 0.5347	0.5408	0.5214	0.5382	Ave		0.5212				4.8		30.0			
2,2,4-Trimethylpentane	1.0776 1.1578	1.0337 1.1460	1.1414	1.1192	1.1519	Ave		1.1182				4.1		30.0			
Benzene	0.7292 0.7204	0.6953 0.7254	0.7115	0.6933	0.7136	Ave		0.7127				2.0		30.0			
1,2-Dichloroethane	0.2985 0.3103	0.2970 0.2956	0.3210	0.3113	0.3140	Ave		0.3068				3.2		30.0			
n-Heptane	0.4131 0.4244	0.3931 0.4088	0.4221	0.4146	0.4267	Ave		0.4147				2.8		30.0			
n-Butanol	0.0734	0.0911	0.0883	0.0918	0.0797	Ave		0.0848				9.4		30.0			
Trichloroethene	0.3096 0.3330	0.2941 0.3331	0.3239	0.3142	0.3270	Ave		0.3193				4.4		30.0			
1,2-Dichloropropane	0.2428 0.2466	0.2332 0.2411	0.2506	0.2450	0.2473	Ave		0.2438				2.3		30.0			
Methyl methacrylate	0.2301	0.1798 0.2313	0.2318	0.2443	0.2407	Ave		0.2263				10.4		30.0			
1,4-Dioxane	0.0789	0.0814	0.0827	0.0904	0.0866	Ave		0.0840				5.4		30.0			
Dibromomethane	0.2337 0.2634	0.2200 0.2692	0.2503	0.2478	0.2583	Ave		0.2489				6.9		30.0			
Bromodichloromethane	0.4589 0.5258	0.4542 0.5123	0.5283	0.5195	0.5253	Ave		0.5035				6.5		30.0			
cis-1,3-Dichloropropene	0.3623 0.3800	0.3553 0.3750	0.3909	0.3860	0.3874	Ave		0.3767				3.6		30.0			
methyl isobutyl ketone	0.4251	0.3744 0.4039	0.4504	0.4658	0.4506	Ave		0.4284				8.0		30.0			
n-Octane	0.5673 0.5690	0.5350 0.5354	0.5932	0.5769	0.5816	Ave		0.5655				4.0		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.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	0.5414 0.5588	0.5321 0.5628	0.5641	0.5528	0.5745	Ave		0.5552				2.6		30.0			
trans-1,3-Dichloropropene	0.3904 0.3868	0.3543 0.3895	0.4066	0.4012	0.3981	Ave		0.3896				4.4		30.0			
1,1,2-Trichloroethane	0.2474 0.2496	0.2369 0.2467	0.2625	0.2524	0.2579	Ave		0.2505				3.3		30.0			
Tetrachloroethene	0.4190 0.4777	0.3962 0.5027	0.4511	0.4523	0.4753	Ave		0.4535				8.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	 0.4394	0.3759 0.4202	0.4622	0.4849	0.4710	Ave		0.4423				9.0		30.0			
Dibromochloromethane	0.4555 0.5545	0.4378 0.5679	0.5487	0.5436	0.5635	Ave		0.5245				10.3		30.0			
1,2-Dibromoethane	0.4450 0.4787	0.4130 0.4810	0.4864	0.4747	0.4906	Ave		0.4671				6.0		30.0			
Chlorobenzene	0.7456 0.7362	0.6804 0.7510	0.7561	0.7351	0.7555	Ave		0.7371				3.6		30.0			
n-Nonane	0.5140 0.5717	0.4787 0.5191	0.5766	0.5804	0.5956	Ave		0.5480				8.0		30.0			
Ethylbenzene	1.1333 1.2712	1.0896 1.2525	1.2584	1.2776	1.3208	Ave		1.2291				6.9		30.0			
m,p-Xylene	0.4302 0.5062	0.4128 0.5168	0.4872	0.5038	0.5247	Ave		0.4831				9.1		30.0			
Xylene, o-	0.4205 0.4732	0.4054 0.4792	0.4732	0.4808	0.4936	Ave		0.4608				7.3		30.0			
Styrene	0.6027 0.7711	0.5415 0.7976	0.7365	0.7745	0.7951	Ave		0.7170				14.3		30.0			
Bromoform	0.4193 0.5501	0.3848 0.6085	0.5204	0.5361	0.5563	Ave		0.5108				15.6		30.0			
Cumene	1.1708 1.4011	1.1139 1.4617	1.3621	1.4006	1.4445	Ave		1.3364				10.3		30.0			
1,1,2,2-Tetrachloroethane	0.6293 0.6587	0.5846 0.6693	0.6895	0.6896	0.6900	Ave		0.6587				6.0		30.0			
n-Propylbenzene	1.3857 1.7419	1.2610 1.7647	1.6594	1.7394	1.7948	Ave		1.6210				13.0		30.0			
1,2,3-Trichloropropane	 0.5355	0.4590 0.5185	0.5503	0.5568	0.5628	Ave		0.5305				7.3		30.0			
n-Decane	 0.7199	0.3570 0.7073	0.6533	0.7103	0.7436	Ave		0.6486				22.5		30.0			
4-Ethyltoluene	1.1341 1.4809	1.0355 1.5559	1.4179	1.4839	1.5304	Ave		1.3769				15.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	1.0824 1.2642	0.9971 1.2761	1.2464	1.2595	1.3074	Ave		1.2047				9.7		30.0			
1,3,5-Trimethylbenzene	0.9459 1.2969	0.8972 1.3200	1.2073	1.2792	1.3354	Ave		1.1831				15.5		30.0			
Alpha Methyl Styrene	0.4032 0.6113	0.3676 0.6439	0.5866	0.6242	0.6336	Ave		0.5529				21.0		30.0			
tert-Butylbenzene	0.9289 1.1583	0.8559 1.2066	1.1119	1.1705	1.2014	Ave		1.0905				12.9		30.0			
1,2,4-Trimethylbenzene	0.9400 1.2257	0.8380 1.2511	1.1882	1.2486	1.2758	Ave		1.1382				15.4		30.0			
sec-Butylbenzene	1.3128 1.7482	1.1794 1.7953	1.6424	1.7470	1.8050	Ave		1.6043				15.8		30.0			
4-Isopropyltoluene	1.0966 1.4940	0.9757 1.5587	1.3844	1.4898	1.5352	Ave		1.3621				17.0		30.0			
1,3-Dichlorobenzene	0.7436 0.8158	0.5718 0.8648	0.7879	0.8200	0.8374	Ave		0.7773				12.7		30.0			
1,4-Dichlorobenzene	0.7473 0.8116	0.5728 0.8577	0.7773	0.8116	0.8309	Ave		0.7728				12.3		30.0			
Benzyl chloride	0.6517 0.8466	0.5473 1.0627	1.0492	1.0982	0.8832	Ave		0.8770				24.3		30.0			
n-Undecane	 0.6885	 0.6760	0.4387	0.6254	0.7185	Ave		0.6294				17.8		30.0			
n-Butylbenzene	0.8824 1.3193	0.7702 1.3080	1.2319	1.3341	1.3646	Ave		1.1729				20.7		30.0			
1,2-Dichlorobenzene	0.7066 0.7588	0.5773 0.7837	0.7550	0.7784	0.7865	Ave		0.7352				10.2		30.0			
n-Dodecane	 0.3885	 0.2590	0.3056	0.3499	0.3493	Ave		0.3305				15.0		30.0			
1,2,4-Trichlorobenzene	 0.4310	0.2373 0.3876	0.4179	0.4541	0.4294	Ave		0.3929				20.2		30.0			
Hexachlorobutadiene	0.3730 0.4057	0.3341 0.3975	0.3844	0.4024	0.4047	Ave		0.3860				6.7		30.0			
Naphthalene	 0.9011	0.6030 0.8517	0.9562	1.0504	0.8962	Ave		0.8764				17.2		30.0			
1,2,3-Trichlorobenzene	0.4120 0.3368	0.2442 0.2825	0.3508	0.3709	0.3358	Ave		0.3333				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-32216/3	ckn003.d
Level 2	IC 200-32216/4	ckn004.d
Level 3	IC 200-32216/5	ckn005.d
Level 4	ICIS 200-32216/6	ckn006.d
Level 5	IC 200-32216/7	ckn007.d
Level 6	IC 200-32216/8	ckn008.d
Level 7	IC 200-32216/9	ckn009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	642156	16532 1240324	164368	314426	485356	20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	2485758	62466 4872701	614618	1193357	1854488	20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	1354442	33567 2637649	324595	634842	996752	20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	25178 2734338	59489 5454358	648231	1261386	1997449	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	744558	20261 1467156	183785	352904	549575	20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	1502450	38845 2956367	362350	709222	1121511	20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	8824 943665	21038 1870415	222807	443210	692836	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	6682 748317	15779 1473218	176420	347389	547311	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	7939 857039	18872 1708098	202844	396006	630692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	518949	11690 1014200	123554	239319	381408	20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	12618 1154428	29829 2235241	279808	541983	855830	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	7974 876421	18003 1775936	199485	397587	636192	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	24325 2619217	57419 5253681	604358	1188424	1917664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	1778599	40124 3568449	404848	798336	1305041	20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	655374	76762 1536315	126117	210175	325033	40.0	5.00 100	10.0	15.0	20.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	6085 653922	13794 1339424	154761	321921	499536	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	255980	701003	75846	162005	209253	20.0	40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	16501 1878862	38614 3857410	413393	820421	1355175	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	7467 903288	17307 1838510	198005	397140	654204	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	1289077	2337743	313487	626319	1009349	20.0	40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	840327	1775656	203747	450077	672277	20.0	40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	2656196	54608 5421208	592373	1186028	1930584	20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	11251 1288376	25651 2544349	302623	595173	1022329	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	506136	1145797	121102	244482	434480	20.0	40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	957117	24737 1898633	226213	432115	703655	20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	1254439	2613182	305635	660300	1007457	20.0	40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	25163 2673066	57834 5455934	633481	1319326	2048683	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12245 1417165	29259 2862136	322442	627754	1032134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	599940	12906 1310646	143081	292396	464850	20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	14351 1626390	34223 3306317	366383	719803	1183134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	2130650	4623328	532377	1110237	1643135	20.0	40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	15818 1757954	37145 3577531	403002	793943	1283068	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	87276	180565	19844	42869	66490	20.0	40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	457413	12234 914910	104142	222224	350008	20.0	0.500 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	9302 1045324	21450 2172080	231548	465904	757183	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	966633	1961436	238074	491656	753459	20.0	40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chloroform	BCM	Ave	19212 2122194	44382 4309197	485032	962534	1547981	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	20949 2397414	48893 4895660	538969	1077750	1741905	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	13275 1560992	31155 3229203	341498	678699	1130422	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	20638 2473773	48452 5100456	552839	1101077	1794005	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	44935 5298632	104825 10931388	1166957	2363284	3839664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	30407 3297019	70515 6919593	727424	1463974	2378506	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	12446 1420173	30115 2820086	328153	657267	1046724	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	17225 1942193	39862 3899083	431540	875364	1422186	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	 335857	 868822	90256	193845	265595	 20.0	 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	12910 1523905	29830 3176879	331112	663493	1089895	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	10123 1128343	23648 2299443	256158	517389	824439	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	 1053256	18231 2206706	236948	515934	802172	 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	 361017	 776320	84509	190925	288519	 20.0	 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	9744 1205373	22309 2567945	255889	523241	860910	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	19138 2406049	46066 4886689	540096	1096972	1750887	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	15109 1739219	36032 3576930	399640	815107	1291237	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	 1945497	37964 3853172	460424	983555	1501938	 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	23656 2603835	54258 5107019	606415	1218080	1938680	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	20797 2395936	49993 5039162	535528	1094900	1770416	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	16278 1770301	35929 3715118	415673	847266	1327083	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9503 1070318	22261 2208485	249184	499976	794623	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	16095 2048197	37222 4500446	428265	895881	1464780	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	 1883901	35315 3761791	438850	960549	1451528	 20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	17497 2377248	41133 5085011	520996	1076717	1736454	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	17096 2052504	38805 4306960	461773	940321	1511953	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	28642 3156461	63929 6723670	717855	1456155	2328319	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	19743 2451141	44974 4648094	547437	1149631	1835314	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	43535 5450255	102373 11214249	1194740	2530631	4070299	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	33055 4340919	77559 9254798	925189	1995781	3233954	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	16152 2028856	38090 4290835	449272	952392	1521019	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	23153 3306139	50872 7140868	699238	1534206	2450159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	16108 2358687	36148 5447930	494064	1061970	1714401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	44975 6007143	104649 13086979	1293182	2774311	4451344	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	24175 2824080	54922 5992313	654677	1365856	2126291	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	53231 7468447	118474 15799657	1575451	3445403	5530963	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	 2296131	43125 4641882	522434	1102943	1734368	 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	 3086404	33541 6332753	620292	1406975	2291481	 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	43565 6349129	97289 13930493	1346208	2939260	4716078	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	41578 5420024	93680 11425456	1183380	2494856	4028893	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	36337 5560289	84290 11817935	1146247	2533871	4115170	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	15488 2620912	34537 5765376	556905	1236433	1952598	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	35682 4966064	80409 10803359	1055687	2318457	3702181	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1 Analy Batch No.: 32216

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	36111 5255052	78733 11201586	1128080	2473176	3931491	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	50430 7495490	110806 16073959	1559326	3460403	5562365	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	42124 6405600	91672 13955776	1314382	2951004	4730900	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	28566 3497607	53721 7742578	748042	1624238	2580727	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	28707 3479925	53819 7679147	737997	1607654	2560692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	25033 3629889	51424 9514593	996124	2175384	2721612	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	 2952057	 6052076	416503	1238862	2214195	 20.0	 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	33898 5656470	72360 11710968	1169618	2642499	4205383	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	27143 3253416	54239 7017090	716800	1541816	2423759	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	 1665695	 2319042	290136	693161	1076324	 20.0	 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	 1847693	22296 3470298	396780	899429	1323161	 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	14328 1739454	31393 3558973	364954	796994	1247073	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	 3863247	56653 7625329	907861	2080516	2761811	 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	15826 1444020	22945 2528944	333083	734647	1034883	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn003.d
Lab Smp Id: ic 260559 Client Smp ID: ic 260559
Inj Date : 12-JAN-2012 17:27
Operator : pad Inst ID: C.i
Smp Info : ic 260559
Misc Info : 200,1,level 01
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.977	4.977	(0.447)	7766	0.20000	0.26(a)
2	Dichlorodifluoromethane	85	5.068	5.057	(0.456)	23823	0.20000	0.21(a)
3	Chlorodifluoromethane	51	5.105	5.100	(0.459)	13057	0.20000	0.21(a)
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	25178	0.20000	0.20
5	Chloromethane	50	5.522	5.516	(0.496)	9179	0.20000	0.26(a)
6	Butane	43	5.735	5.730	(0.515)	15806	0.20000	0.23(a)
7	Vinyl chloride	62	5.772	5.767	(0.519)	8824	0.20000	0.21
8	1,3-Butadiene	54	5.858	5.847	(0.527)	6682	0.20000	0.20
9	Bromomethane	94	6.525	6.509	(0.586)	7939	0.20000	0.21(M)
10	Chloroethane	64	6.712	6.712	(0.603)	4833	0.20000	0.21(aQ)
11	2-Methylbutane	43	6.786	6.781	(0.610)	12618	0.20000	0.23
12	Vinyl bromide	106	7.064	7.064	(0.635)	7974	0.20000	0.21
13	Trichlorofluoromethane	101	7.149	7.149	(0.643)	24325	0.20000	0.21
14	Pentane	43	7.267	7.256	(0.653)	16972	0.20000	0.21(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	7.523	7.485	(0.676)	11591	0.20000	0.82(a)
16	Ethyl ether	59	7.688	7.656	(0.691)	6085	0.20000	0.20
17	1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	16501	0.20000	0.20
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	8.094	8.088	(0.728)	7467	0.20000	0.19(a)
20	Acetone	43	8.238	8.211	(0.740)	45743	0.20000	0.78(a)
21	Carbon disulfide	76	8.505	8.494	(0.764)	24039	0.20000	0.21(a)
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	8.697	8.692	(0.782)	11251	0.20000	0.20(a)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	8.921	8.910	(0.802)	12653	0.20000	0.29(a)
26	Tert-butyl alcohol	59	9.028	8.969	(0.811)	11928	0.20000	0.20(a)
27	Methyl tert-butyl ether	73	9.257	9.231	(0.832)	25163	0.20000	0.20
28	1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	12245	0.20000	0.20
29	Acrylonitrile	53	9.364	9.337	(0.842)	5682	0.20000	0.20(a)
30	n-Hexane	57	9.572	9.572	(0.860)	14351	0.20000	0.20
31	1,1-Dichloroethane	63	9.946	9.951	(0.894)	15818	0.20000	0.20(M)
32	Vinyl acetate	43	9.957	9.935	(0.895)	18813	0.20000	0.18(a)
M 33	1,2-Dichloroethene,Total	61				21547	0.40000	0.40
34	1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	9302	0.20000	0.20
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	10.789	10.762	(0.970)	6084	0.20000	0.28(aQ)
* 37	Bromochloromethane	128	11.125	11.125	(1.000)	359618	10.0000	
38	Tetrahydrofuran	42	11.200	11.152	(0.900)	9384	0.20000	0.20(a)
39	Chloroform	83	11.179	11.173	(1.005)	19212	0.20000	0.20
40	Cyclohexane	84	11.472	11.477	(0.922)	13275	0.20000	0.19(a)
41	1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	20949	0.20000	0.20
42	Carbon tetrachloride	117	11.654	11.648	(0.937)	20638	0.20000	0.19(a)
43	2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	44935	0.20000	0.19(a)
44	Benzene	78	11.958	11.958	(0.961)	30407	0.20000	0.20
45	1,2-Dichloroethane	62	12.038	12.032	(0.967)	12446	0.20000	0.19(aM)
46	n-Heptane	43	12.129	12.129	(0.975)	17225	0.20000	0.20
* 47	1,4-Difluorobenzene	114	12.444	12.443	(1.000)	2084982	10.0000	
48	n-Butanol	56	12.620	12.582	(1.014)	7866	0.20000	0.44(aQ)
49	Trichloroethene	95	12.817	12.812	(1.030)	12910	0.20000	0.19(a)
50	1,2-Dichloropropane	63	13.185	13.180	(1.060)	10123	0.20000	0.20
51	Methyl methacrylate	69	13.207	13.191	(1.061)	8103	0.20000	0.17(aQ)
52	Dibromomethane	174	13.356	13.356	(1.073)	9744	0.20000	0.19(a)
53	1,4-Dioxane	88	13.351	13.303	(1.073)	3643	0.20000	0.21(a)
54	Bromodichloromethane	83	13.506	13.505	(1.085)	19138	0.20000	0.18(a)
55	1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	15109	0.20000	0.19(a)
56	Methyl isobutyl ketone	43	14.290	14.269	(1.148)	16446	0.20000	0.18(a)
57	n-Octane	43	14.514	14.514	(1.166)	23656	0.20000	0.20(a)
58	Toluene	92	14.557	14.557	(0.889)	20797	0.20000	0.20
59	1,3-Dichloropropene (trans)	75	14.861	14.866	(1.194)	16278	0.20000	0.20
60	1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	9503	0.20000	0.20
61	Tetrachloroethene	166	15.267	15.272	(0.933)	16095	0.20000	0.18(a)

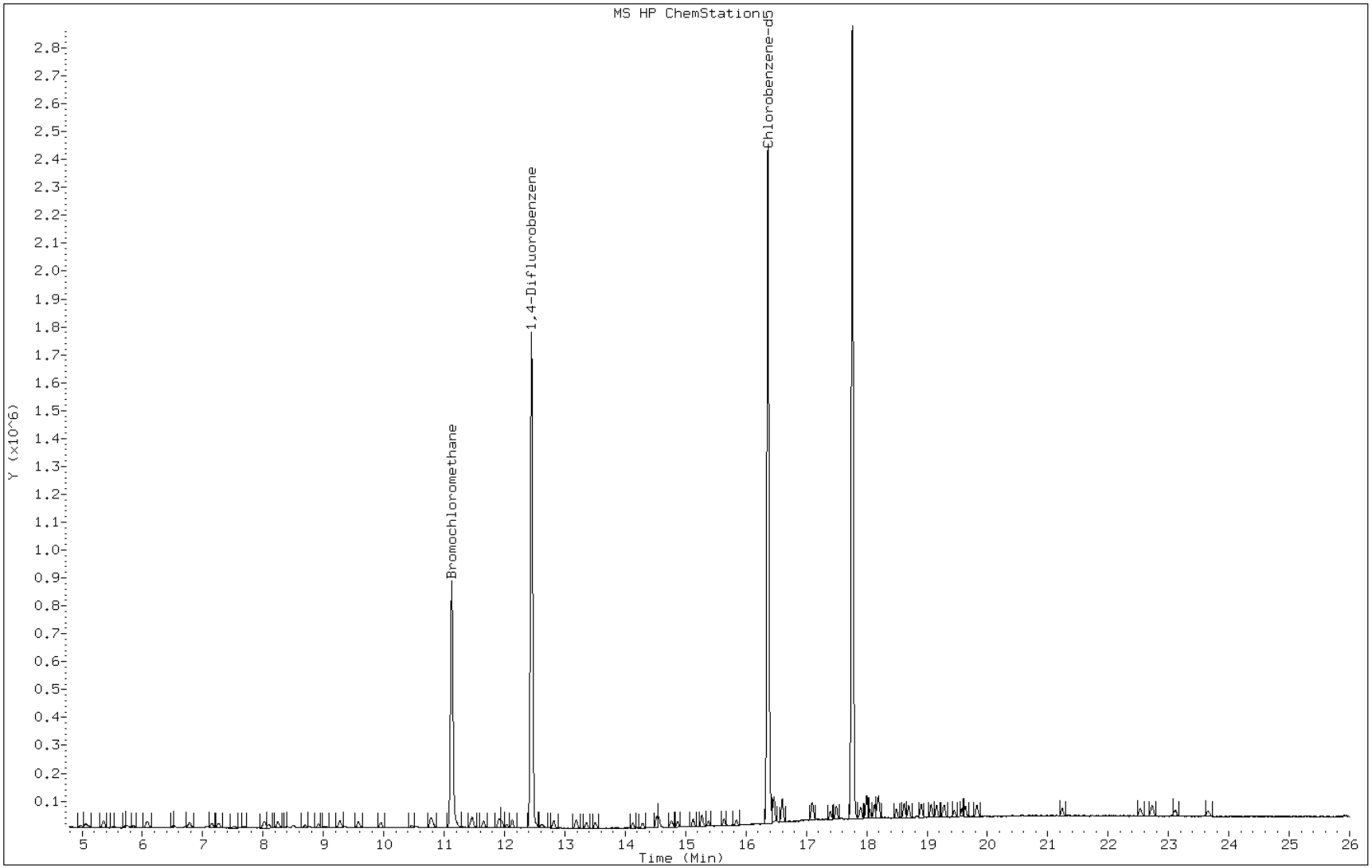
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	15.384	15.363	(0.940)	15733	0.20000	0.19(a)
63	Dibromochloromethane	129	15.640	15.635	(0.956)	17497	0.20000	0.17(a)
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	17096	0.20000	0.19(a)
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1920699	10.0000	
66	Chlorobenzene	112	16.404	16.403	(1.002)	28642	0.20000	0.20
67	n-Nonane	57	16.462	16.462	(1.006)	19743	0.20000	0.19(a)
68	Ethylbenzene	91	16.462	16.462	(1.006)	43535	0.20000	0.18(a)
69	Xylene (m,p)	106	16.601	16.601	(1.014)	33055	0.40000	0.36(a)
M 70	Xylenes, Total	106				49207	0.20000	0.54
71	Xylene (o)	106	17.092	17.092	(1.044)	16152	0.20000	0.18(a)
72	Styrene	104	17.108	17.113	(1.045)	23153	0.20000	0.17(a)
73	Bromoform	173	17.396	17.401	(1.063)	16108	0.20000	0.16(a)
74	Isopropylbenzene	105	17.492	17.497	(1.069)	44975	0.20000	0.18(a)
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	24175	0.20000	0.19(a)
76	n-Propylbenzene	91	17.999	17.994	(1.100)	53231	0.20000	0.17(a)
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	19789	0.20000	0.19(a)
78	n-Decane	57	18.047	18.047	(1.103)	13982	0.20000	0.11(a)
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	43565	0.20000	0.16(a)
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	41578	0.20000	0.18(a)
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	36337	0.20000	0.16(a)
82	Alpha Methyl Styrene	118	18.501	18.495	(1.130)	15488	0.20000	0.15(a)
83	tert-butylbenzene	119	18.624	18.618	(1.138)	35682	0.20000	0.17(a)
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	36111	0.20000	0.17(a)
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	50430	0.20000	0.16(a)
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	42124	0.20000	0.16(a)
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	28566	0.20000	0.19(a)
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	28707	0.20000	0.19(a)
89	Benzyl chloride	91	19.446	19.445	(1.188)	25033	0.20000	0.15(a)
90	Undecane	57	19.579	19.573	(1.196)	14074	0.20000	0.12(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	33898	0.20000	0.15(a)
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	27143	0.20000	0.19(a)
93	Dodecane	57	21.239	21.239	(1.298)	14996	0.20000	0.24(a)
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	17529	0.20000	0.23(a)
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	14328	0.20000	0.19(a)
96	Naphthalene	128	23.101	23.107	(1.412)	40018	0.20000	0.24(a)
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	15826	0.20000	0.25

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: ckn003.d
Client ID: ic 260559
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 260559
Lab Sample ID: ic 260559

Date: 12-JAN-2012 17:27
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



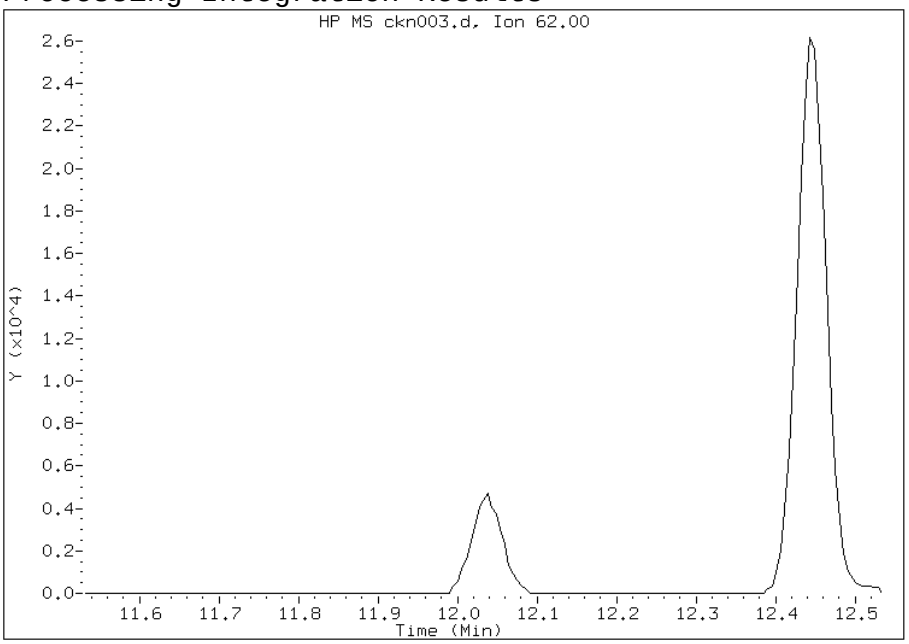
Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 01/13/2012

Processing Integration Results

Not Detected

Expected RT: 12.03



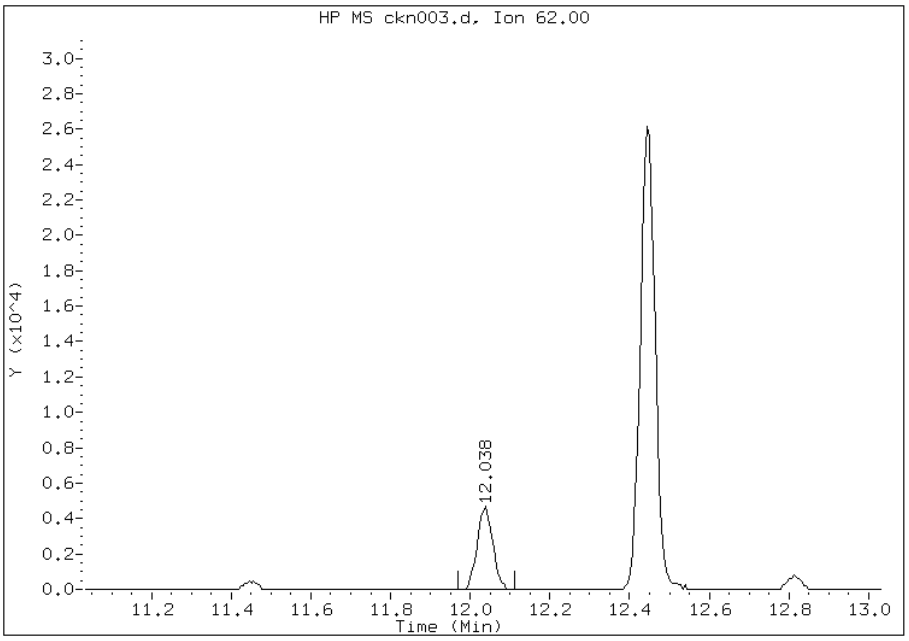
Manual Integration Results

RT: 12.04

Response: 12446

Amount: 0.194563

Conc: 0.194563



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 9 Bromomethane
CAS #: 74-83-9
Report Date: 01/13/2012

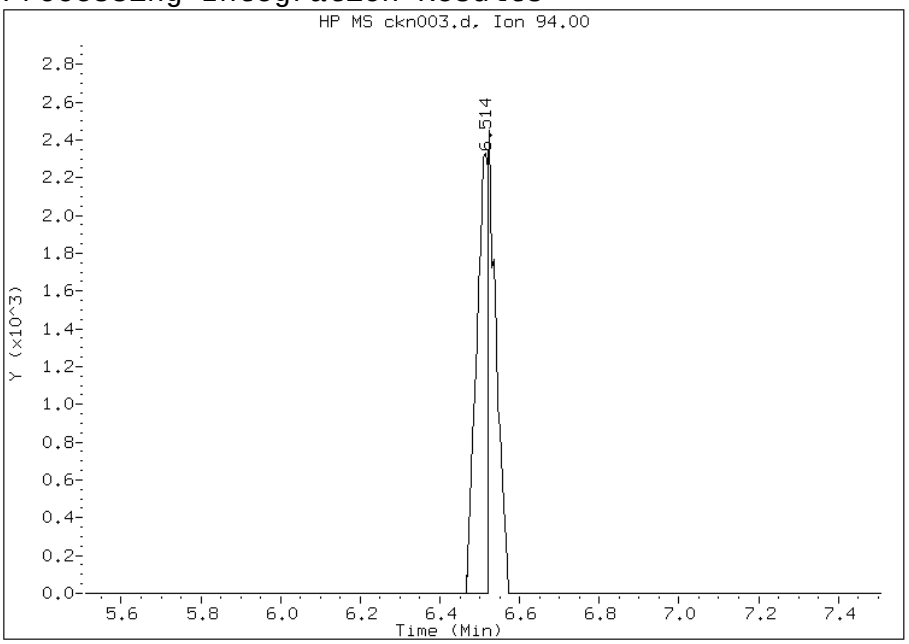
Processing Integration Results

RT: 6.51

Response: 4609

Amount: 0.149917

Conc: 0.149917



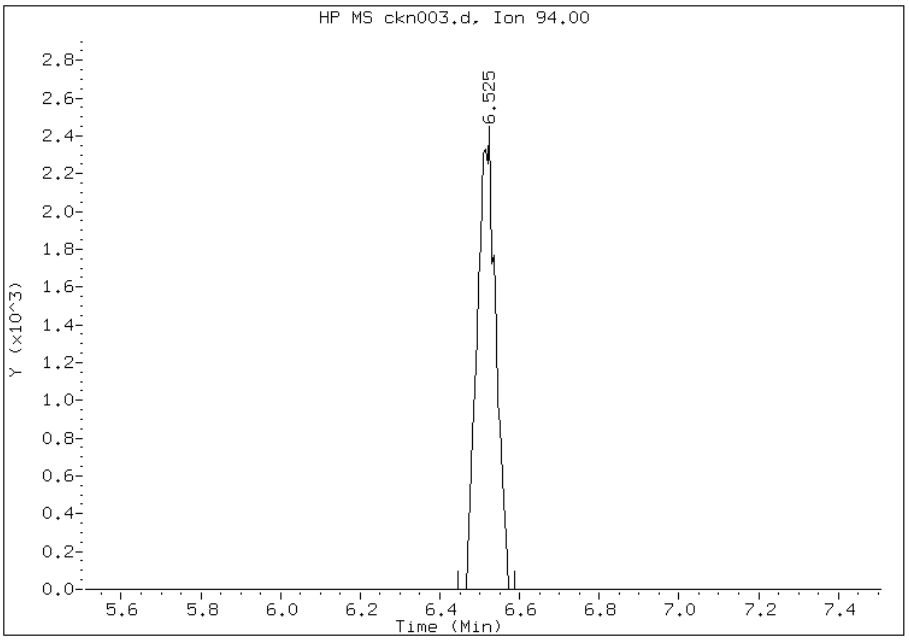
Manual Integration Results

RT: 6.52

Response: 7939

Amount: 0.205109

Conc: 0.205109



File Uploaded By: wrd
Manual Integration Reason: Baseline event

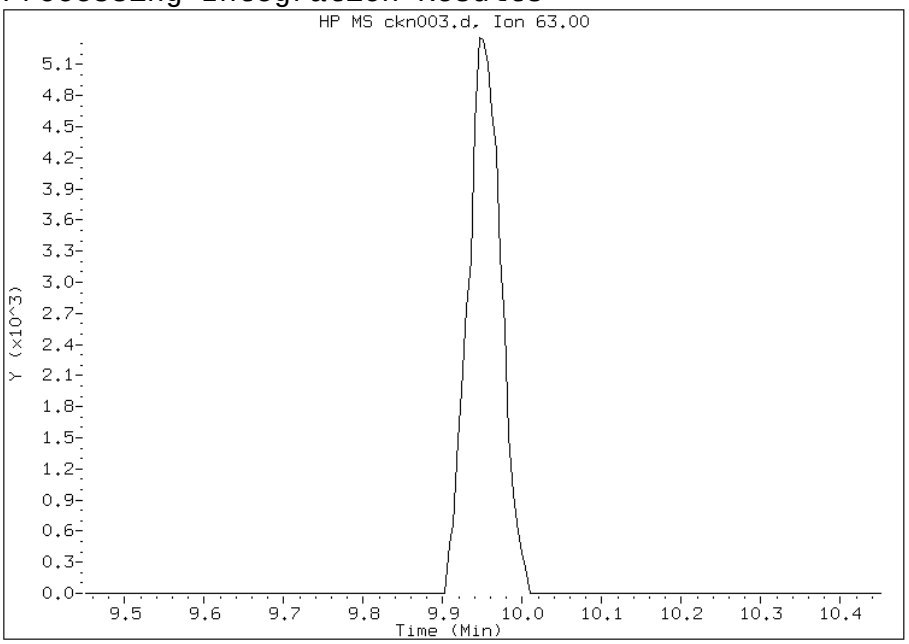
Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 01/13/2012

Processing Integration Results

Not Detected

Expected RT: 9.95



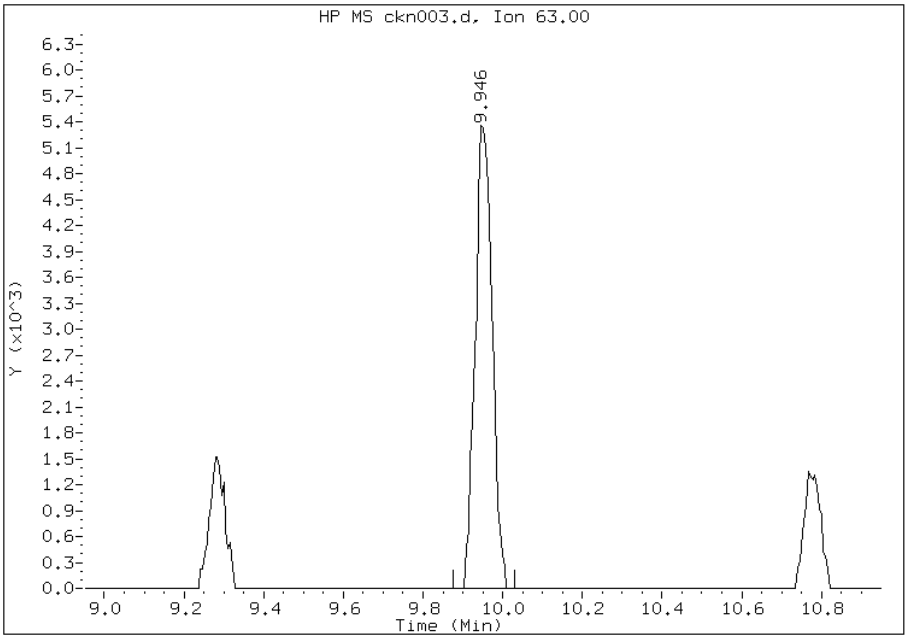
Manual Integration Results

RT: 9.95

Response: 15818

Amount: 0.202547

Conc: 0.202547



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/cknto15.b/ckn004.d
Lab Smp Id: ic 260524 Client Smp ID: ic 260524
Inj Date : 12-JAN-2012 18:17
Operator : pad Inst ID: C.i
Smp Info : ic 260524
Misc Info : 200,1,level 02
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 18:17 Cal File: ckn004.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	4.982	4.977	(0.448)	16532	0.50000	0.56(a)
2 Dichlorodifluoromethane	85	5.063	5.057	(0.455)	62466	0.50000	0.55
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	33567	0.50000	0.55
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	59489	0.50000	0.50
5 Chloromethane	50	5.527	5.516	(0.497)	20261	0.50000	0.59
6 Butane	43	5.735	5.730	(0.515)	38845	0.50000	0.57
7 Vinyl chloride	62	5.772	5.767	(0.519)	21038	0.50000	0.50
8 1,3-Butadiene	54	5.858	5.847	(0.527)	15779	0.50000	0.48
9 Bromomethane	94	6.520	6.509	(0.586)	18872	0.50000	0.50
10 Chloroethane	64	6.717	6.712	(0.604)	11690	0.50000	0.51
11 2-Methylbutane	43	6.786	6.781	(0.610)	29829	0.50000	0.56
12 Vinyl bromide	106	7.075	7.064	(0.636)	18003	0.50000	0.48
13 Trichlorofluoromethane	101	7.155	7.149	(0.643)	57419	0.50000	0.50
14 Pentane	43	7.261	7.256	(0.653)	40124	0.50000	0.52

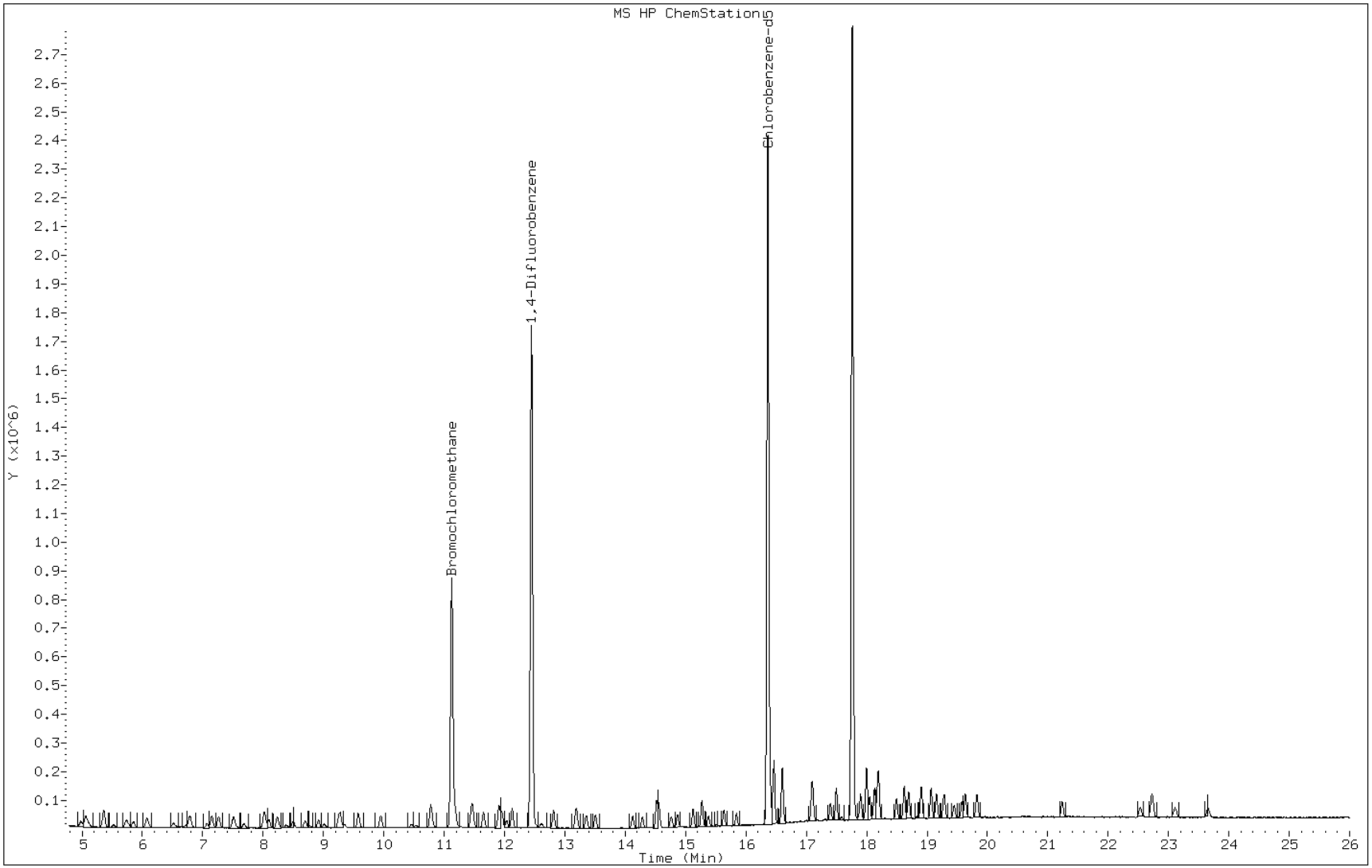
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.512	7.485	(0.675)	76762	5.00000	5.6
	16 Ethyl ether	59	7.688	7.656	(0.691)	13794	0.50000	0.47(Q)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.025	8.014	(0.721)	38614	0.50000	0.48
	18 Acrolein	56	7.992	7.976	(0.718)	7648	0.50000	0.56(a)
	19 1,1-Dichloroethene	96	8.099	8.088	(0.728)	17307	0.50000	0.46
	20 Acetone	43	8.238	8.211	(0.740)	80792	0.50000	1.4(a)
	21 Carbon disulfide	76	8.499	8.494	(0.764)	54608	0.50000	0.48(a)
	22 Isopropanol	45	8.382	8.350	(0.753)	22197	0.50000	0.57(a)
	23 Allyl chloride	41	8.697	8.692	(0.782)	25651	0.50000	0.46(a)
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	8.916	8.910	(0.801)	24737	0.50000	0.57
	26 Tert-butyl alcohol	59	9.017	8.969	(0.810)	27735	0.50000	0.48(a)
	27 Methyl tert-butyl ether	73	9.257	9.231	(0.832)	57834	0.50000	0.48
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	29259	0.50000	0.48
	29 Acrylonitrile	53	9.359	9.337	(0.841)	12906	0.50000	0.48(aM)
	30 n-Hexane	57	9.578	9.572	(0.861)	34223	0.50000	0.49
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	37145	0.50000	0.49
	32 Vinyl acetate	43	9.946	9.935	(0.894)	41193	0.50000	0.41(a)
M	33 1,2-Dichloroethene,Total	61				50709	1.00000	0.96
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	21450	0.50000	0.48
	35 Ethyl acetate	88	10.778	10.762	(0.969)	1696	0.50000	0.44(a)
	36 Methyl Ethyl Ketone	72	10.784	10.762	(0.969)	12234	0.50000	0.58(Q)
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	351020	10.0000	
	38 Tetrahydrofuran	42	11.189	11.152	(0.899)	20866	0.50000	0.46(a)
	39 Chloroform	83	11.173	11.173	(1.004)	44382	0.50000	0.48
	40 Cyclohexane	84	11.483	11.477	(0.922)	31155	0.50000	0.47
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	48893	0.50000	0.47
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	48452	0.50000	0.46
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	104825	0.50000	0.46
	44 Benzene	78	11.958	11.958	(0.961)	70515	0.50000	0.49
	45 1,2-Dichloroethane	62	12.033	12.032	(0.967)	30115	0.50000	0.48
	46 n-Heptane	43	12.129	12.129	(0.974)	39862	0.50000	0.47
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2028243	10.0000	
	48 n-Butanol	56	12.609	12.582	(1.013)	10632	0.50000	0.62(a)
	49 Trichloroethene	95	12.817	12.812	(1.030)	29830	0.50000	0.46
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	23648	0.50000	0.48
	51 Methyl methacrylate	69	13.196	13.191	(1.060)	18231	0.50000	0.40(aQ)
	52 Dibromomethane	174	13.361	13.356	(1.073)	22309	0.50000	0.44
	53 1,4-Dioxane	88	13.345	13.303	(1.072)	7505	0.50000	0.44(a)
	54 Bromodichloromethane	83	13.506	13.505	(1.085)	46066	0.50000	0.45
	55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	36032	0.50000	0.47
	56 Methyl isobutyl ketone	43	14.285	14.269	(1.147)	37964	0.50000	0.44(a)
	57 n-Octane	43	14.520	14.514	(1.166)	54258	0.50000	0.47(a)
	58 Toluene	92	14.557	14.557	(0.890)	49993	0.50000	0.48
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	35929	0.50000	0.45
	60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	22261	0.50000	0.47
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	37222	0.50000	0.44

	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	15.379	15.363	(0.940)	35315	0.50000	0.42(a)
63	Dibromochloromethane	129	15.640	15.635	(0.956)	41133	0.50000	0.42
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	38805	0.50000	0.44
* 65	Chlorobenzene-d5	117	16.361	16.366	(1.000)	1879037	10.0000	
66	Chlorobenzene	112	16.398	16.403	(1.002)	63929	0.50000	0.46(Q)
67	n-Nonane	57	16.462	16.462	(1.006)	44974	0.50000	0.44
68	Ethylbenzene	91	16.462	16.462	(1.006)	102373	0.50000	0.44
69	Xylene (m,p)	106	16.601	16.601	(1.015)	77559	1.00000	0.85
M 70	Xylenes, Total	106				115649	0.50000	1.3
71	Xylene (o)	106	17.092	17.092	(1.045)	38090	0.50000	0.44
72	Styrene	104	17.108	17.113	(1.046)	50872	0.50000	0.38
73	Bromoform	173	17.401	17.401	(1.064)	36148	0.50000	0.38
74	Isopropylbenzene	105	17.498	17.497	(1.069)	104649	0.50000	0.42
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	54922	0.50000	0.44
76	n-Propylbenzene	91	17.994	17.994	(1.100)	118474	0.50000	0.39
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	43125	0.50000	0.43(a)
78	n-Decane	57	18.047	18.047	(1.103)	33541	0.50000	0.28(a)
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	97289	0.50000	0.38
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	93680	0.50000	0.41
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	84290	0.50000	0.38
82	Alpha Methyl Styrene	118	18.496	18.495	(1.130)	34537	0.50000	0.33
83	tert-butylbenzene	119	18.618	18.618	(1.138)	80409	0.50000	0.39
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.143)	78733	0.50000	0.37
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	110806	0.50000	0.37
86	4-Isopropyltoluene	119	19.067	19.066	(1.165)	91672	0.50000	0.36
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	53721	0.50000	0.37
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	53819	0.50000	0.37
89	Benzyl chloride	91	19.445	19.445	(1.189)	51424	0.50000	0.31
90	Undecane	57	19.579	19.573	(1.197)	28853	0.50000	0.24(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	72360	0.50000	0.33
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	54239	0.50000	0.39
93	Dodecane	57	21.239	21.239	(1.298)	30400	0.50000	0.49(a)
94	1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	22296	0.50000	0.30(a)
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	31393	0.50000	0.43
96	Naphthalene	128	23.112	23.107	(1.413)	56653	0.50000	0.34(a)
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.446)	22945	0.50000	0.37

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:	ckn004.d	Date:	12-JAN-2012 18:17
Client ID:	ic 260524	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260524		
Lab Sample ID:	ic 260524		



Manual Integration Report

Data File: ckn004.d
Lab Sample ID: ic 260524
Inj. Date and Time: 12-JAN-2012 18:17
Instrument ID: C.i
Client ID: ic 260524
Compound: 29 Acrylonitrile
CAS #: 107-13-1
Report Date: 01/13/2012

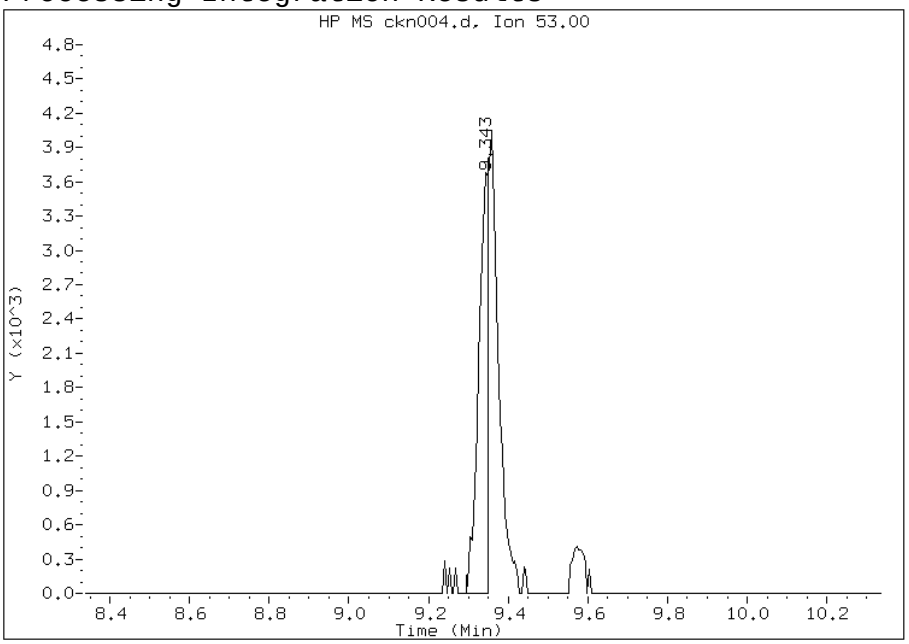
Processing Integration Results

RT: 9.34

Response: 6017

Amount: 0.242255

Conc: 0.242255



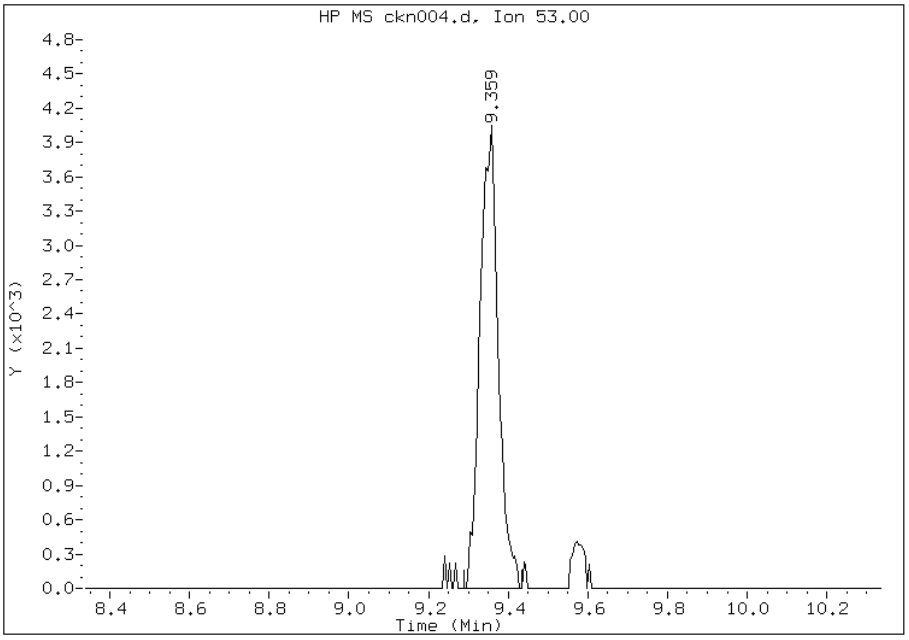
Manual Integration Results

RT: 9.36

Response: 12906

Amount: 0.475642

Conc: 0.475642



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn005.d
Lab Smp Id: ic 275708 Client Smp ID: ic 275708
Inj Date : 12-JAN-2012 19:07
Operator : pad Inst ID: C.i
Smp Info : ic 275708
Misc Info : 200,1,level 03
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 19:07 Cal File: ckn005.d
Als bottle: 4 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	4.982	4.977	(0.448)	164368	5.00000	5.5
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	614618	5.00000	5.4
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	324595	5.00000	5.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	648231	5.00000	5.4
5 Chloromethane	50	5.516	5.516	(0.496)	183785	5.00000	5.3
6 Butane	43	5.735	5.730	(0.515)	362350	5.00000	5.3
7 Vinyl chloride	62	5.772	5.767	(0.519)	222807	5.00000	5.3
8 1,3-Butadiene	54	5.847	5.847	(0.526)	176420	5.00000	5.4
9 Bromomethane	94	6.514	6.509	(0.586)	202844	5.00000	5.3
10 Chloroethane	64	6.717	6.712	(0.604)	123554	5.00000	5.4
11 2-Methylbutane	43	6.786	6.781	(0.610)	279808	5.00000	5.2
12 Vinyl bromide	106	7.069	7.064	(0.635)	199485	5.00000	5.2
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	604358	5.00000	5.2
14 Pentane	43	7.267	7.256	(0.653)	404848	5.00000	5.2

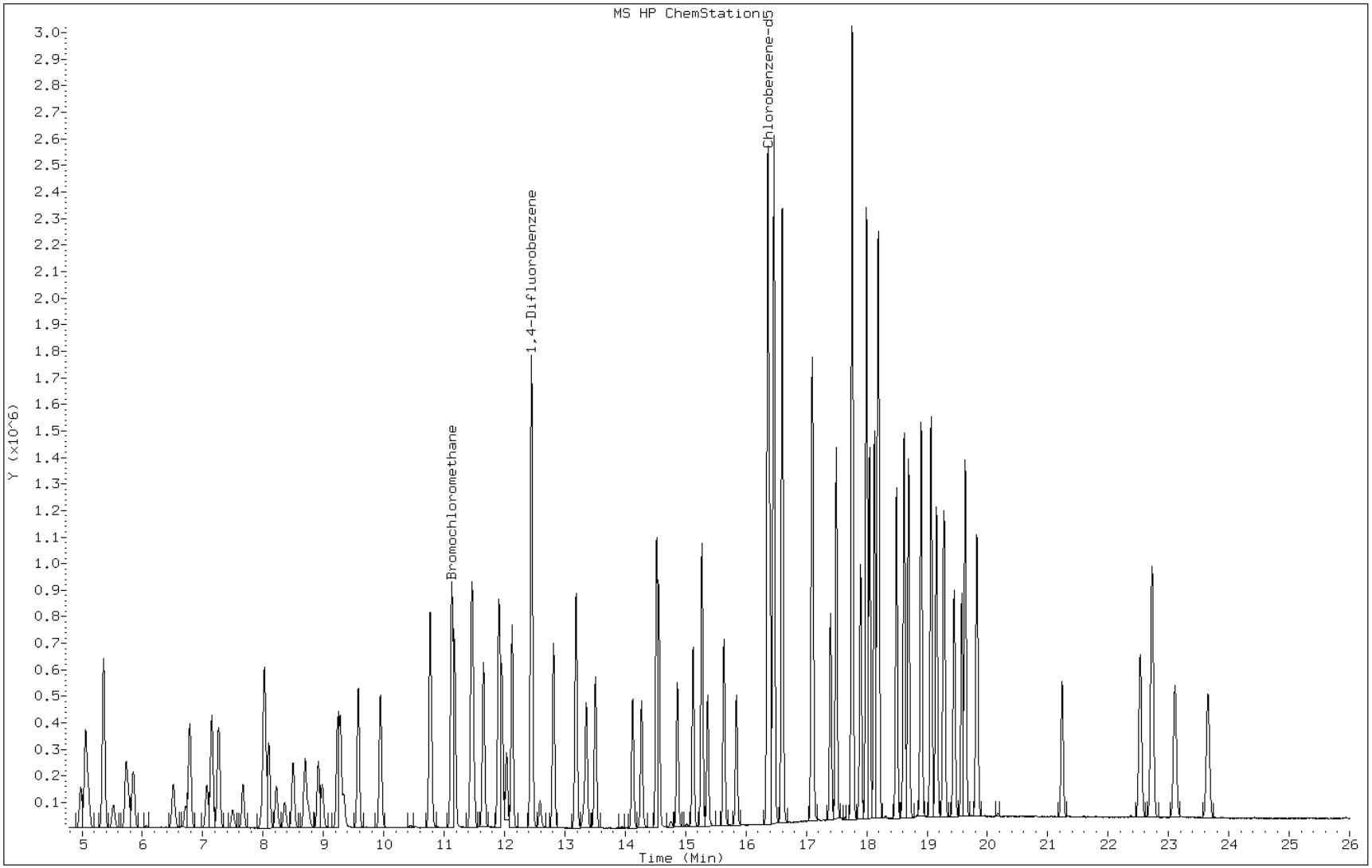
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.496	7.485	(0.674)	126117	10.0000	9.1
	16 Ethyl ether	59	7.667	7.656	(0.689)	154761	5.00000	5.3
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	413393	5.00000	5.1
	18 Acrolein	56	7.982	7.976	(0.717)	75846	5.00000	5.5
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	198005	5.00000	5.2
	20 Acetone	43	8.216	8.211	(0.739)	313487	5.00000	5.5
	21 Carbon disulfide	76	8.494	8.494	(0.763)	592373	5.00000	5.2
	22 Isopropanol	45	8.355	8.350	(0.751)	203747	5.00000	5.2
	23 Allyl chloride	41	8.697	8.692	(0.782)	302623	5.00000	5.4(M)
	24 Acetonitrile	41	8.740	8.692	(0.786)	121102	5.00000	5.1(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	226213	5.00000	5.2
	26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	305635	5.00000	5.2
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	633481	5.00000	5.3
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	322442	5.00000	5.3
	29 Acrylonitrile	53	9.337	9.337	(0.839)	143081	5.00000	5.2
	30 n-Hexane	57	9.577	9.572	(0.861)	366383	5.00000	5.2
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	403002	5.00000	5.3
	32 Vinyl acetate	43	9.940	9.935	(0.894)	532377	5.00000	5.3
M	33 1,2-Dichloroethene,Total	61				553990	10.0000	10
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	231548	5.00000	5.1
	35 Ethyl acetate	88	10.768	10.762	(0.968)	19844	5.00000	5.1
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	104142	5.00000	4.9
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	352678	10.0000	
	38 Tetrahydrofuran	42	11.162	11.152	(0.897)	238074	5.00000	5.3
	39 Chloroform	83	11.173	11.173	(1.004)	485032	5.00000	5.3
	40 Cyclohexane	84	11.477	11.477	(0.922)	341498	5.00000	5.1
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	538969	5.00000	5.2
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	552839	5.00000	5.2
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.956)	1166957	5.00000	5.1
	44 Benzene	78	11.958	11.958	(0.961)	727424	5.00000	5.0
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	328153	5.00000	5.2
	46 n-Heptane	43	12.128	12.129	(0.974)	431540	5.00000	5.1
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2044699	10.0000	
	48 n-Butanol	56	12.593	12.582	(1.012)	90256	5.00000	5.2
	49 Trichloroethene	95	12.812	12.812	(1.029)	331112	5.00000	5.1
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	256158	5.00000	5.1
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	236948	5.00000	5.1
	52 Dibromomethane	174	13.356	13.356	(1.073)	255889	5.00000	5.0
	53 1,4-Dioxane	88	13.308	13.303	(1.069)	84509	5.00000	4.9(a)
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	540096	5.00000	5.2
	55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	399640	5.00000	5.2
	56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	460424	5.00000	5.3
	57 n-Octane	43	14.514	14.514	(1.166)	606415	5.00000	5.2
	58 Toluene	92	14.557	14.557	(0.889)	535528	5.00000	5.1
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	415673	5.00000	5.2
	60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	249184	5.00000	5.2
	61 Tetrachloroethene	166	15.267	15.272	(0.933)	428265	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	15.363	15.363	(0.939)	438850	5.00000	5.2
63	Dibromochloromethane	129	15.635	15.635	(0.955)	520996	5.00000	5.2
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	461773	5.00000	5.2
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1898863	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	717855	5.00000	5.1
67	n-Nonane	57	16.462	16.462	(1.006)	547437	5.00000	5.3
68	Ethylbenzene	91	16.462	16.462	(1.006)	1194740	5.00000	5.1
69	Xylene (m,p)	106	16.601	16.601	(1.014)	925189	10.0000	10
M 70	Xylenes, Total	106				1374461	5.00000	15
71	Xylene (o)	106	17.092	17.092	(1.044)	449272	5.00000	5.1
72	Styrene	104	17.108	17.113	(1.045)	699238	5.00000	5.1
73	Bromoform	173	17.401	17.401	(1.063)	494064	5.00000	5.1
74	Isopropylbenzene	105	17.497	17.497	(1.069)	1293182	5.00000	5.1
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	654677	5.00000	5.2
76	n-Propylbenzene	91	17.994	17.994	(1.099)	1575451	5.00000	5.1
77	1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	522434	5.00000	5.2
78	n-Decane	57	18.047	18.047	(1.103)	620292	5.00000	5.0
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	1346208	5.00000	5.1
80	2-Chlorotoluene	91	18.180	18.181	(1.111)	1183380	5.00000	5.2
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	1146247	5.00000	5.1
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	556905	5.00000	5.3
83	tert-butylbenzene	119	18.618	18.618	(1.138)	1055687	5.00000	5.1
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	1128080	5.00000	5.2
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	1559326	5.00000	5.1
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	1314382	5.00000	5.1
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	748042	5.00000	5.1
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	737997	5.00000	5.0
89	Benzyl chloride	91	19.445	19.445	(1.188)	996124	5.00000	6.0
90	Undecane	57	19.573	19.573	(1.196)	416503	5.00000	3.5(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	1169618	5.00000	5.3
92	1,2-Dichlorobenzene	146	19.824	19.830	(1.211)	716800	5.00000	5.1
93	Dodecane	57	21.239	21.239	(1.298)	290136	5.00000	4.6(a)
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	396780	5.00000	5.3
95	1,3-Hexachlorobutadiene	225	22.728	22.733	(1.389)	364954	5.00000	5.0
96	Naphthalene	128	23.106	23.107	(1.412)	907861	5.00000	5.5
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	333083	5.00000	5.3

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:	ckn005.d	Date:	12-JAN-2012 19:07
Client ID:	ic 275708	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 275708		
Lab Sample ID:	ic 275708		



Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

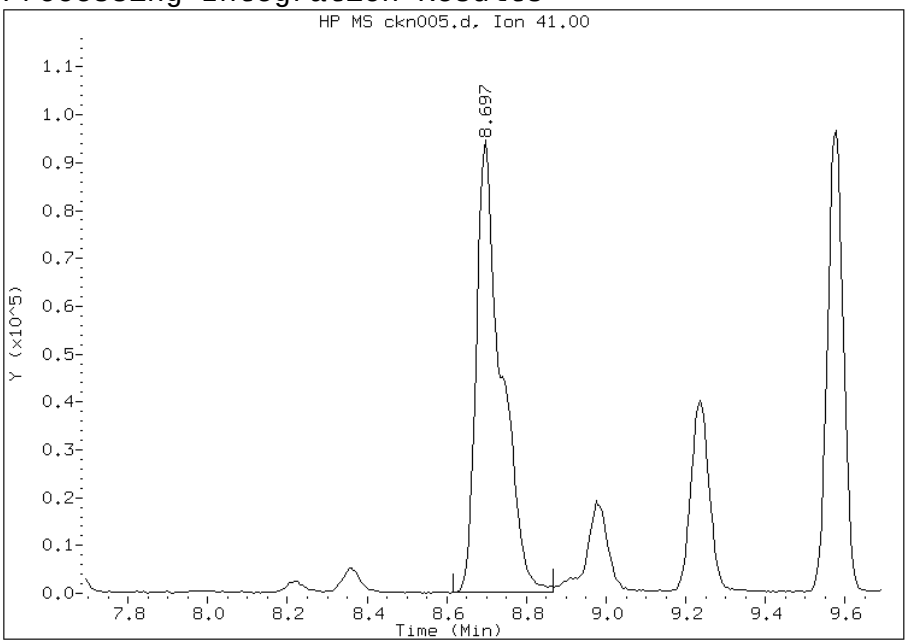
Processing Integration Results

RT: 8.70

Response: 411674

Amount: 5.31

Conc: 5.31



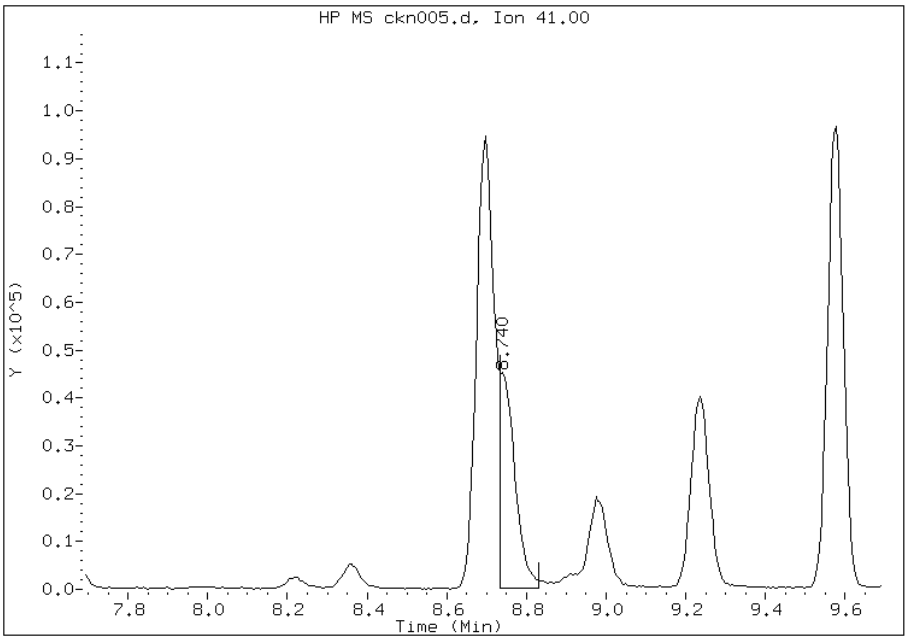
Manual Integration Results

RT: 8.74

Response: 121102

Amount: 5.07

Conc: 5.07



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

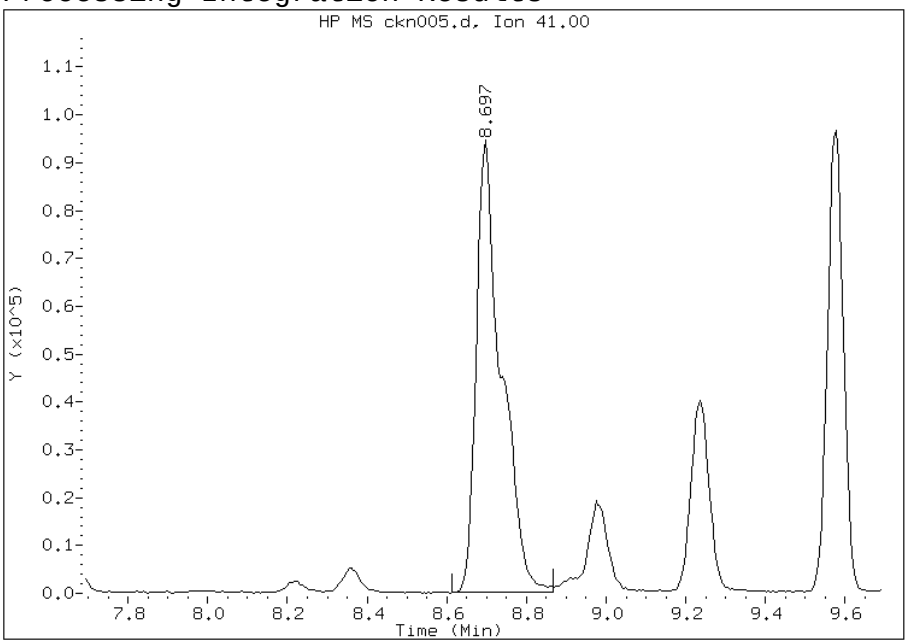
Processing Integration Results

RT: 8.70

Response: 411899

Amount: 6.18

Conc: 6.18



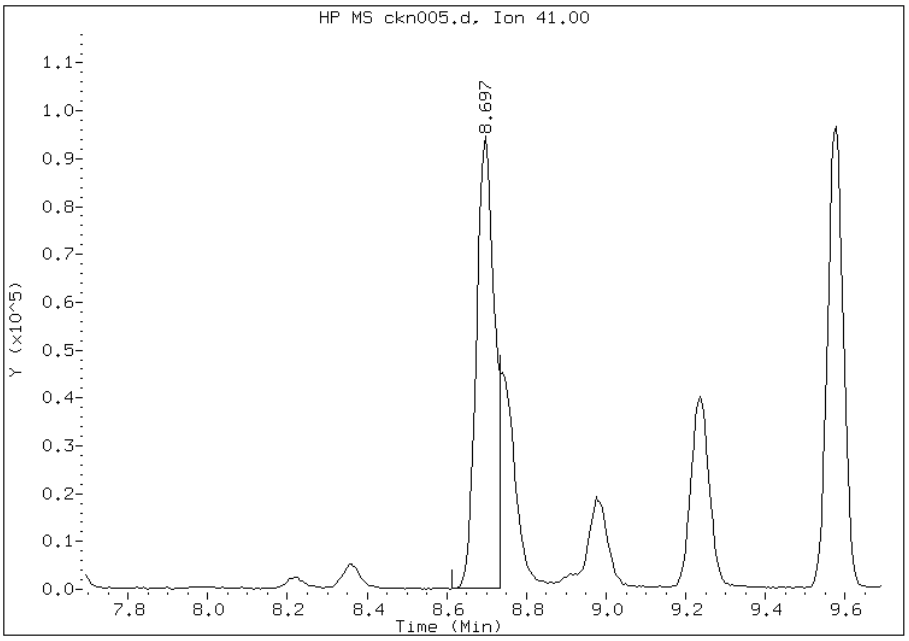
Manual Integration Results

RT: 8.70

Response: 302623

Amount: 5.37

Conc: 5.37



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn006.d
Lab Smp Id: icis 275681 Client Smp ID: icis 275681
Inj Date : 12-JAN-2012 19:56
Operator : pad Inst ID: C.i
Smp Info : icis 275681
Misc Info : 200,1,level 04
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 19:56 Cal File: ckn006.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	4.977	4.977	(0.447)	314426	10.0000	10
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	1193357	10.0000	10
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	634842	10.0000	9.9
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	1261386	10.0000	10
5 Chloromethane	50	5.516	5.516	(0.496)	352904	10.0000	9.7
6 Butane	43	5.730	5.730	(0.515)	709222	10.0000	9.8
7 Vinyl chloride	62	5.767	5.767	(0.518)	443210	10.0000	10
8 1,3-Butadiene	54	5.847	5.847	(0.526)	347389	10.0000	10
9 Bromomethane	94	6.509	6.509	(0.585)	396006	10.0000	9.9
10 Chloroethane	64	6.712	6.712	(0.603)	239319	10.0000	9.9
11 2-Methylbutane	43	6.781	6.781	(0.610)	541983	10.0000	9.6
12 Vinyl bromide	106	7.064	7.064	(0.635)	397587	10.0000	10
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	1188424	10.0000	9.8
14 Pentane	43	7.256	7.256	(0.652)	798336	10.0000	9.8

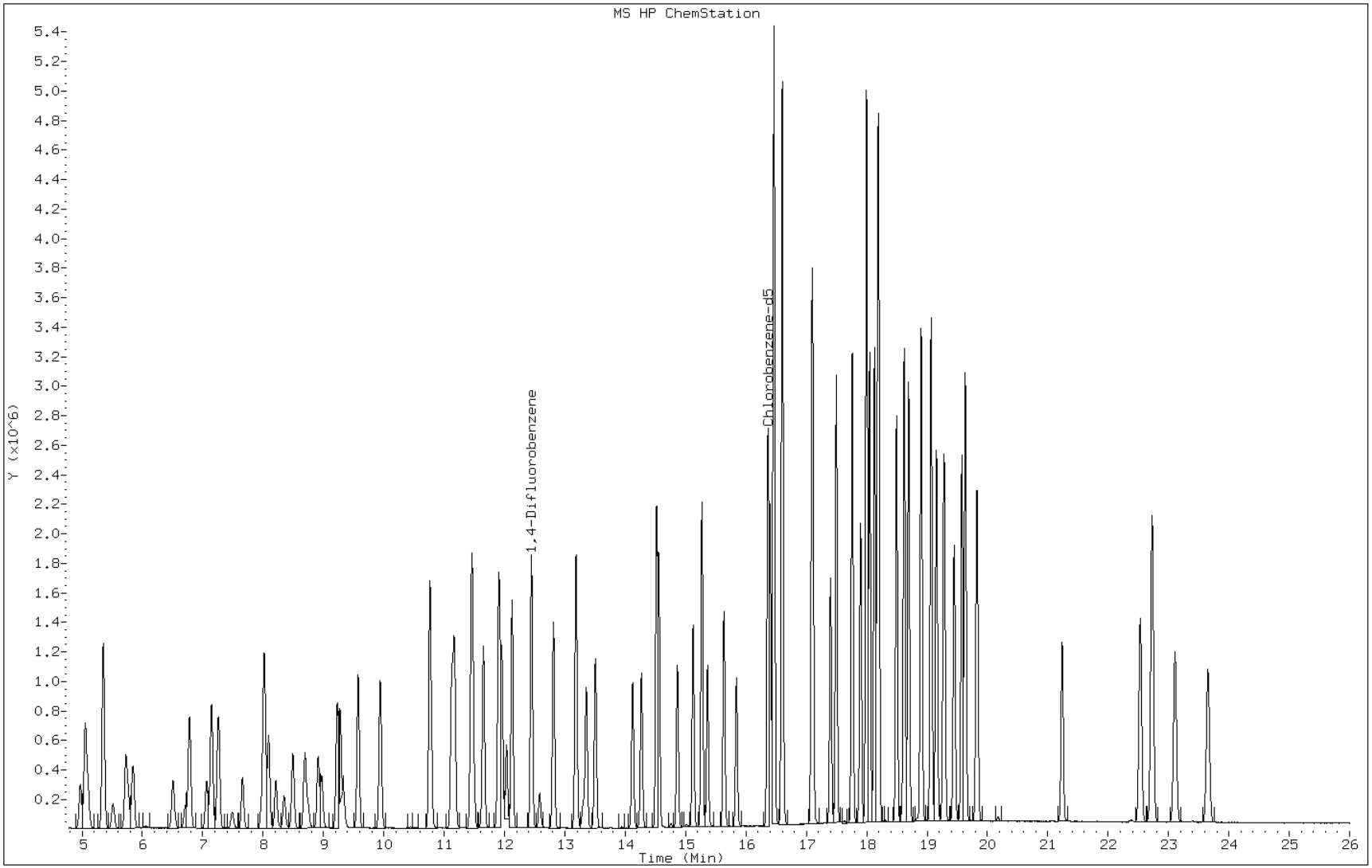
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.485	7.485	(0.673)	210175	15.0000	14
	16 Ethyl ether	59	7.656	7.656	(0.688)	321921	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.720)	820421	10.0000	9.7
	18 Acrolein	56	7.976	7.976	(0.717)	162005	10.0000	11
	19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	397140	10.0000	10
	20 Acetone	43	8.211	8.211	(0.738)	626319	10.0000	10
	21 Carbon disulfide	76	8.494	8.494	(0.764)	1186028	10.0000	9.9
	22 Isopropanol	45	8.350	8.350	(0.751)	450077	10.0000	11
	23 Allyl chloride	41	8.692	8.692	(0.781)	595173	10.0000	10(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	244482	10.0000	9.8(QM)
	25 Methylene chloride	49	8.910	8.910	(0.801)	432115	10.0000	9.5
	26 Tert-butyl alcohol	59	8.969	8.969	(0.806)	660300	10.0000	11
	27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	1319326	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	627754	10.0000	9.8
	29 Acrylonitrile	53	9.337	9.337	(0.839)	292396	10.0000	10
	30 n-Hexane	57	9.572	9.572	(0.860)	719803	10.0000	9.8
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	793943	10.0000	9.9
	32 Vinyl acetate	43	9.935	9.935	(0.893)	1110237	10.0000	11
M	33 1,2-Dichloroethene,Total	61				1093658	20.0000	20
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	465904	10.0000	9.8
	35 Ethyl acetate	88	10.762	10.762	(0.967)	42869	10.0000	10
	36 Methyl Ethyl Ketone	72	10.762	10.762	(0.967)	222224	10.0000	10
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	370433	10.0000	
	38 Tetrahydrofuran	42	11.152	11.152	(0.896)	491656	10.0000	11
	39 Chloroform	83	11.173	11.173	(1.004)	962534	10.0000	9.9
	40 Cyclohexane	84	11.477	11.477	(0.922)	678699	10.0000	9.8
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1077750	10.0000	10
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	1101077	10.0000	10
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2363284	10.0000	10
	44 Benzene	78	11.958	11.958	(0.961)	1463974	10.0000	9.7
	45 1,2-Dichloroethane	62	12.032	12.032	(0.967)	657267	10.0000	10
	46 n-Heptane	43	12.129	12.129	(0.975)	875364	10.0000	10
*	47 1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2111595	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	193845	10.0000	11
	49 Trichloroethene	95	12.812	12.812	(1.030)	663493	10.0000	9.8
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	517389	10.0000	10
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	515934	10.0000	11
	52 Dibromomethane	174	13.356	13.356	(1.073)	523241	10.0000	10
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	190925	10.0000	11
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	1096972	10.0000	10
	55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	815107	10.0000	10
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.147)	983555	10.0000	11
	57 n-Octane	43	14.514	14.514	(1.166)	1218080	10.0000	10
	58 Toluene	92	14.557	14.557	(0.889)	1094900	10.0000	10
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	847266	10.0000	10
	60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	499976	10.0000	10
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	895881	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	15.363	15.363	(0.939)	960549	10.0000	11
63	Dibromochloromethane	129	15.635	15.635	(0.955)	1076717	10.0000	10
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	940321	10.0000	10
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1980776	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	1456155	10.0000	10
67	n-Nonane	57	16.462	16.462	(1.006)	1149631	10.0000	11
68	Ethylbenzene	91	16.462	16.462	(1.006)	2530631	10.0000	10
69	Xylene (m,p)	106	16.601	16.601	(1.014)	1995781	20.0000	21
M 70	Xylenes, Total	106				2948173	10.0000	31
71	Xylene (o)	106	17.092	17.092	(1.044)	952392	10.0000	10
72	Styrene	104	17.113	17.113	(1.046)	1534206	10.0000	11
73	Bromoform	173	17.401	17.401	(1.063)	1061970	10.0000	10
74	Isopropylbenzene	105	17.497	17.497	(1.069)	2774311	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	1365856	10.0000	10
76	n-Propylbenzene	91	17.994	17.994	(1.099)	3445403	10.0000	11
77	1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	1102943	10.0000	10
78	n-Decane	57	18.047	18.047	(1.103)	1406975	10.0000	11
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	2939260	10.0000	11
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	2494856	10.0000	10
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	2533871	10.0000	11
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1236433	10.0000	11
83	tert-butylbenzene	119	18.618	18.618	(1.138)	2318457	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	2473176	10.0000	11
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	3460403	10.0000	11
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	2951004	10.0000	11
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	1624238	10.0000	11
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	1607654	10.0000	11
89	Benzyl chloride	91	19.445	19.445	(1.188)	2175384	10.0000	13
90	Undecane	57	19.573	19.573	(1.196)	1238862	10.0000	9.9
91	n-Butylbenzene	91	19.632	19.632	(1.200)	2642499	10.0000	11
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	1541816	10.0000	11
93	Dodecane	57	21.239	21.239	(1.298)	693161	10.0000	11
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	899429	10.0000	12
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	796994	10.0000	10
96	Naphthalene	128	23.107	23.107	(1.412)	2080516	10.0000	12
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	734647	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn006.d	Date:	12-JAN-2012 19:56
Client ID:	icis 275681	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icis 275681		
Lab Sample ID:	icis 275681		



Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

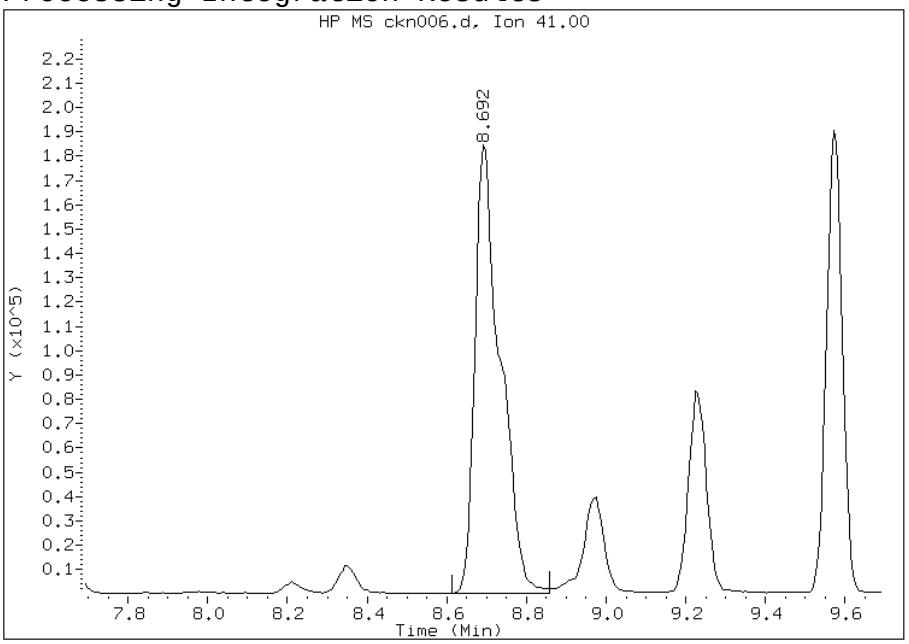
Processing Integration Results

RT: 8.69

Response: 813387

Amount: 10.00

Conc: 10.00



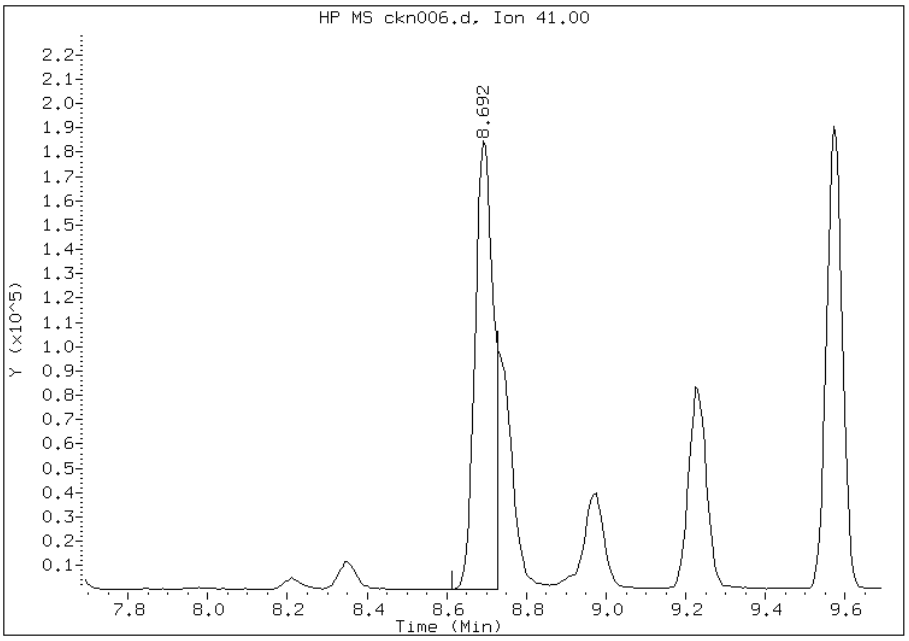
Manual Integration Results

RT: 8.69

Response: 595173

Amount: 10.06

Conc: 10.06



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

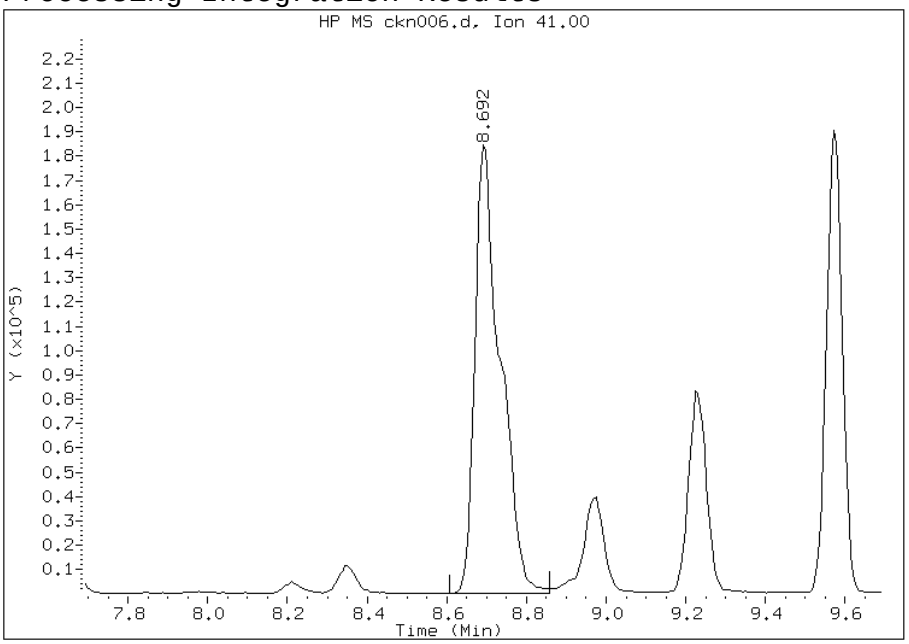
Processing Integration Results

RT: 8.69

Response: 814880

Amount: 11.76

Conc: 11.76



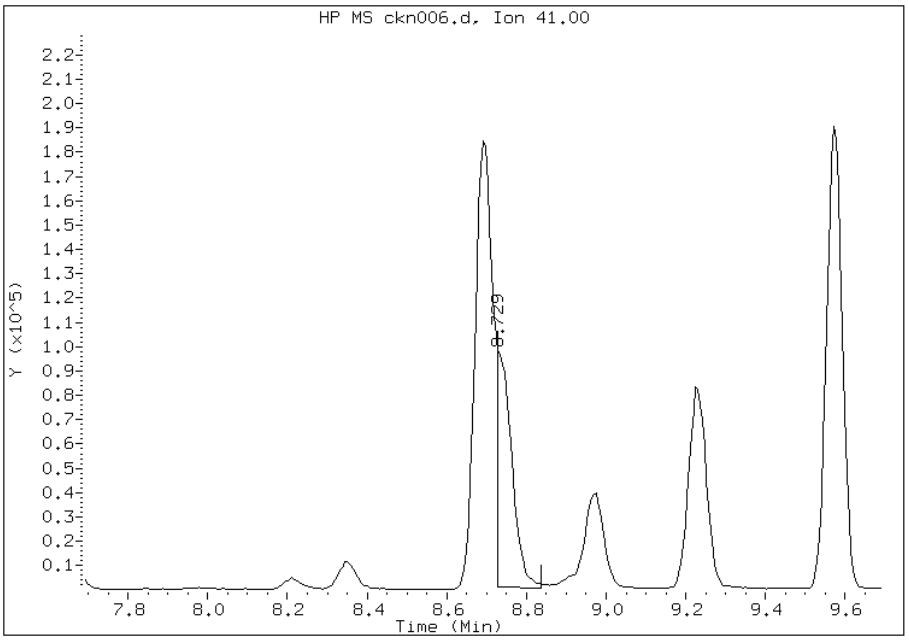
Manual Integration Results

RT: 8.73

Response: 244482

Amount: 9.75

Conc: 9.75



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn007.d
Lab Smp Id: ic 260512 Client Smp ID: ic 260512
Inj Date : 12-JAN-2012 20:47
Operator : pad Inst ID: C.i
Smp Info : ic 260512
Misc Info : 200,1,level 05
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 20:47 Cal File: ckn007.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	4.982	4.977	(0.448)	485356	15.0000	15
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	1854488	15.0000	15
3 Chlorodifluoromethane	51	5.110	5.100	(0.459)	996752	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	1997449	15.0000	15
5 Chloromethane	50	5.521	5.516	(0.496)	549575	15.0000	14
6 Butane	43	5.735	5.730	(0.515)	1121511	15.0000	15
7 Vinyl chloride	62	5.778	5.767	(0.519)	692836	15.0000	15
8 1,3-Butadiene	54	5.852	5.847	(0.526)	547311	15.0000	15
9 Bromomethane	94	6.519	6.509	(0.586)	630692	15.0000	15
10 Chloroethane	64	6.717	6.712	(0.604)	381408	15.0000	15
11 2-Methylbutane	43	6.786	6.781	(0.610)	855830	15.0000	14
12 Vinyl bromide	106	7.069	7.064	(0.635)	636192	15.0000	15
13 Trichlorofluoromethane	101	7.154	7.149	(0.643)	1917664	15.0000	15
14 Pentane	43	7.267	7.256	(0.653)	1305041	15.0000	15

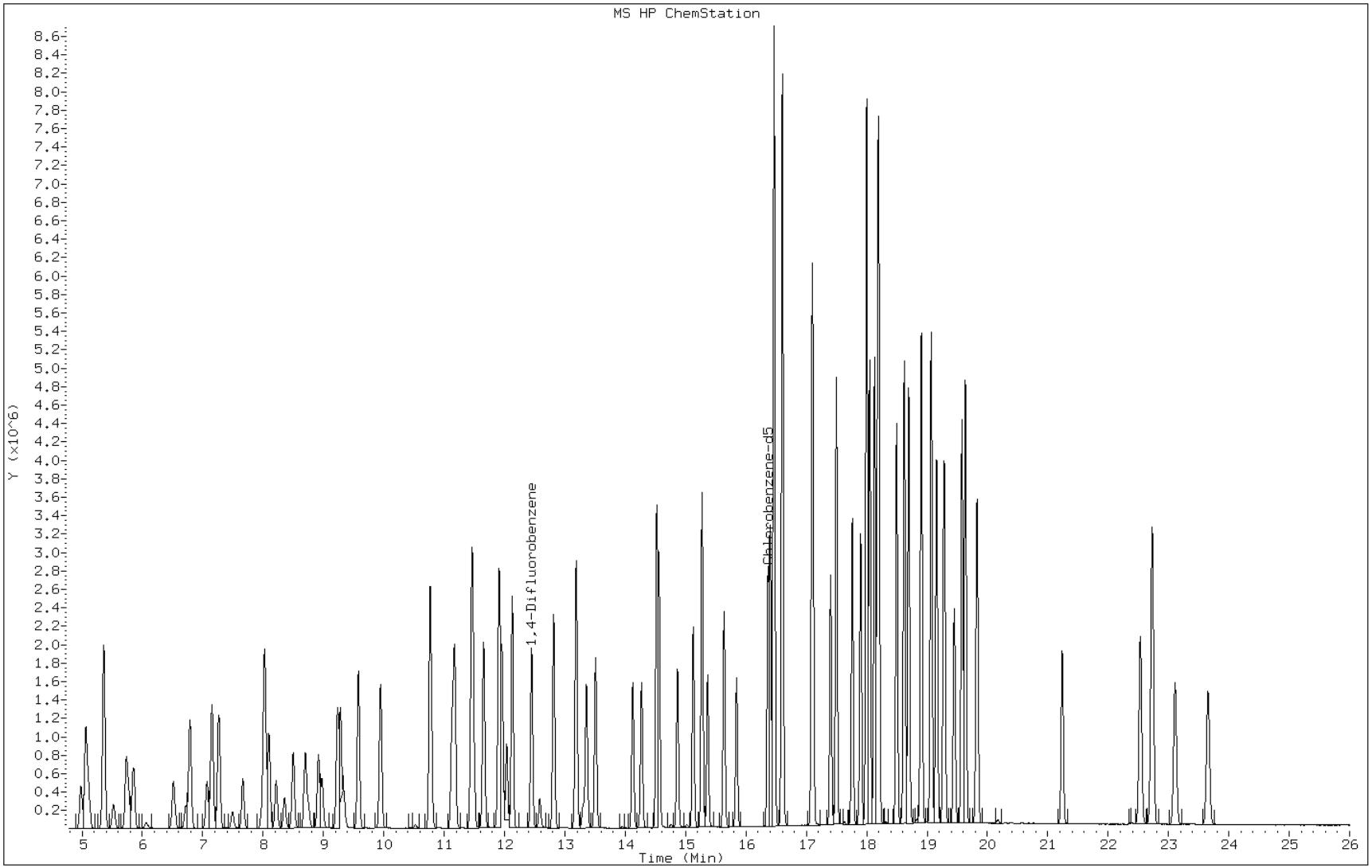
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.491	7.485	(0.673)	325033	20.0000	21
16	Ethyl ether	59	7.661	7.656	(0.689)	499536	15.0000	15
17	1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1355175	15.0000	15
18	Acrolein	56	7.982	7.976	(0.717)	209253	15.0000	14
19	1,1-Dichloroethene	96	8.094	8.088	(0.728)	654204	15.0000	16
20	Acetone	43	8.217	8.211	(0.739)	1009349	15.0000	16
21	Carbon disulfide	76	8.499	8.494	(0.764)	1930584	15.0000	15
22	Isopropanol	45	8.355	8.350	(0.751)	672277	15.0000	15
23	Allyl chloride	41	8.697	8.692	(0.782)	1022329	15.0000	16(M)
24	Acetonitrile	41	8.729	8.692	(0.785)	434480	15.0000	16(QM)
25	Methylene chloride	49	8.916	8.910	(0.801)	703655	15.0000	15
26	Tert-butyl alcohol	59	8.974	8.969	(0.807)	1007457	15.0000	16
27	Methyl tert-butyl ether	73	9.236	9.231	(0.830)	2048683	15.0000	15
28	1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	1032134	15.0000	15
29	Acrylonitrile	53	9.343	9.337	(0.840)	464850	15.0000	15
30	n-Hexane	57	9.577	9.572	(0.861)	1183134	15.0000	15
31	1,1-Dichloroethane	63	9.956	9.951	(0.895)	1283068	15.0000	15
32	Vinyl acetate	43	9.940	9.935	(0.894)	1643135	15.0000	15
M 33	1,2-Dichloroethene,Total	61				1789317	30.0000	31
34	1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	757183	15.0000	15
35	Ethyl acetate	88	10.768	10.762	(0.968)	66490	15.0000	15
36	Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	350008	15.0000	15
* 37	Bromochloromethane	128	11.125	11.125	(1.000)	389958	10.0000	
38	Tetrahydrofuran	42	11.157	11.152	(0.896)	753459	15.0000	15
39	Chloroform	83	11.178	11.173	(1.005)	1547981	15.0000	15
40	Cyclohexane	84	11.477	11.477	(0.922)	1130422	15.0000	15
41	1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	1741905	15.0000	15
42	Carbon tetrachloride	117	11.653	11.648	(0.936)	1794005	15.0000	15
43	2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	3839664	15.0000	15
44	Benzene	78	11.958	11.958	(0.961)	2378506	15.0000	15
45	1,2-Dichloroethane	62	12.038	12.032	(0.967)	1046724	15.0000	15
46	n-Heptane	43	12.128	12.129	(0.974)	1422186	15.0000	15
* 47	1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2222189	10.0000	
48	n-Butanol	56	12.582	12.582	(1.011)	265595	15.0000	14
49	Trichloroethene	95	12.817	12.812	(1.030)	1089895	15.0000	15
50	1,2-Dichloropropane	63	13.180	13.180	(1.059)	824439	15.0000	15
51	Methyl methacrylate	69	13.191	13.191	(1.060)	802172	15.0000	16
52	Dibromomethane	174	13.361	13.356	(1.073)	860910	15.0000	16
53	1,4-Dioxane	88	13.303	13.303	(1.069)	288519	15.0000	15
54	Bromodichloromethane	83	13.511	13.505	(1.085)	1750887	15.0000	16
55	1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	1291237	15.0000	15
56	Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1501938	15.0000	16
57	n-Octane	43	14.519	14.514	(1.166)	1938680	15.0000	15
58	Toluene	92	14.557	14.557	(0.889)	1770416	15.0000	16
59	1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	1327083	15.0000	15
60	1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	794623	15.0000	15
61	Tetrachloroethene	166	15.272	15.272	(0.933)	1464780	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	15.363	15.363	(0.939)	1451528	15.0000	16
63	Dibromochloromethane	129	15.640	15.635	(0.956)	1736454	15.0000	16
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	1511953	15.0000	16
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2054450	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	2328319	15.0000	15
67	n-Nonane	57	16.462	16.462	(1.006)	1835314	15.0000	16
68	Ethylbenzene	91	16.462	16.462	(1.006)	4070299	15.0000	16
69	Xylene (m,p)	106	16.601	16.601	(1.014)	3233954	30.0000	33
M 70	Xylenes, Total	106				4754973	15.0000	49
71	Xylene (o)	106	17.092	17.092	(1.044)	1521019	15.0000	16
72	Styrene	104	17.113	17.113	(1.046)	2450159	15.0000	17
73	Bromoform	173	17.401	17.401	(1.063)	1714401	15.0000	16
74	Isopropylbenzene	105	17.497	17.497	(1.069)	4451344	15.0000	16
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2126291	15.0000	16
76	n-Propylbenzene	91	17.999	17.994	(1.100)	5530963	15.0000	17
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	1734368	15.0000	16
78	n-Decane	57	18.047	18.047	(1.103)	2291481	15.0000	17
79	4-Ethyltoluene	105	18.132	18.127	(1.108)	4716078	15.0000	17
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	4028893	15.0000	16
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	4115170	15.0000	17
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1952598	15.0000	17
83	tert-butylbenzene	119	18.618	18.618	(1.138)	3702181	15.0000	17
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	3931491	15.0000	17
85	sec-Butylbenzene	105	18.906	18.901	(1.155)	5562365	15.0000	17
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	4730900	15.0000	17
87	1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	2580727	15.0000	16
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	2560692	15.0000	16
89	Benzyl chloride	91	19.451	19.445	(1.188)	2721612	15.0000	15
90	Undecane	57	19.579	19.573	(1.196)	2214195	15.0000	17
91	n-Butylbenzene	91	19.632	19.632	(1.200)	4205383	15.0000	17
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	2423759	15.0000	16
93	Dodecane	57	21.239	21.239	(1.298)	1076324	15.0000	16
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	1323161	15.0000	16
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1247073	15.0000	16
96	Naphthalene	128	23.106	23.107	(1.412)	2761811	15.0000	15
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1034883	15.0000	15

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn007.d	Date:	12-JAN-2012 20:47
Client ID:	ic 260512	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260512		
Lab Sample ID:	ic 260512		



Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

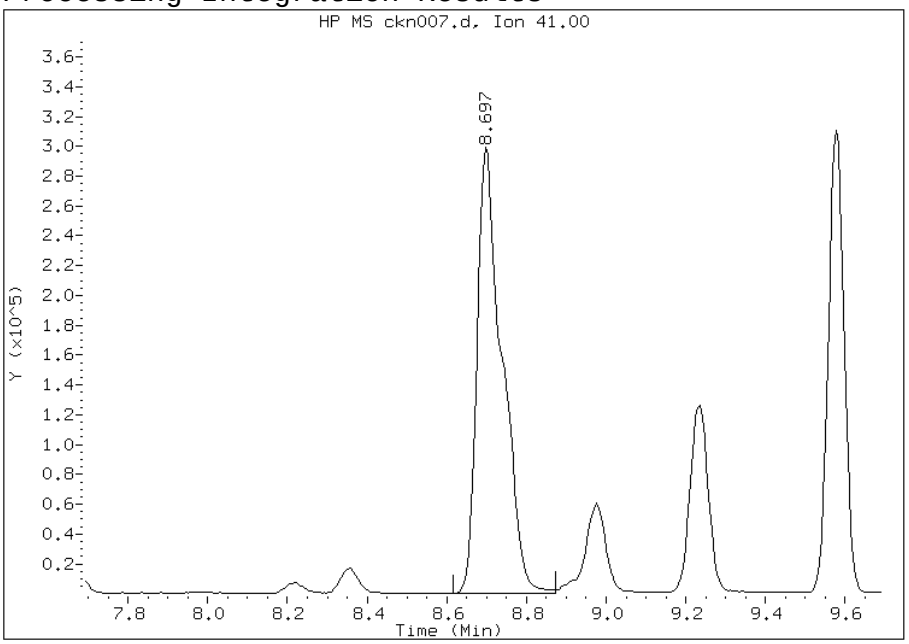
Processing Integration Results

RT: 8.70

Response: 1306524

Amount: 21.45

Conc: 21.45



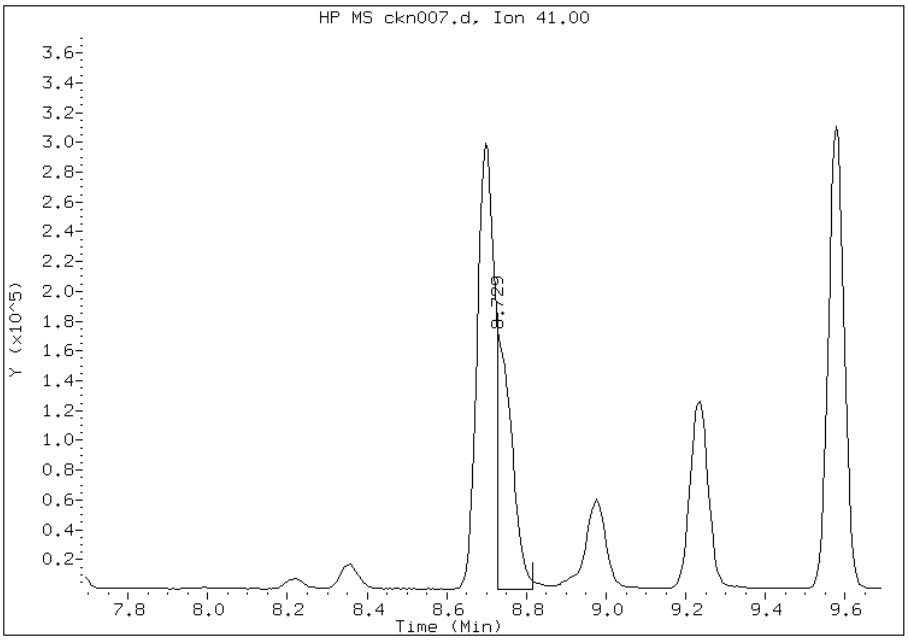
Manual Integration Results

RT: 8.73

Response: 434480

Amount: 16.46

Conc: 16.46



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

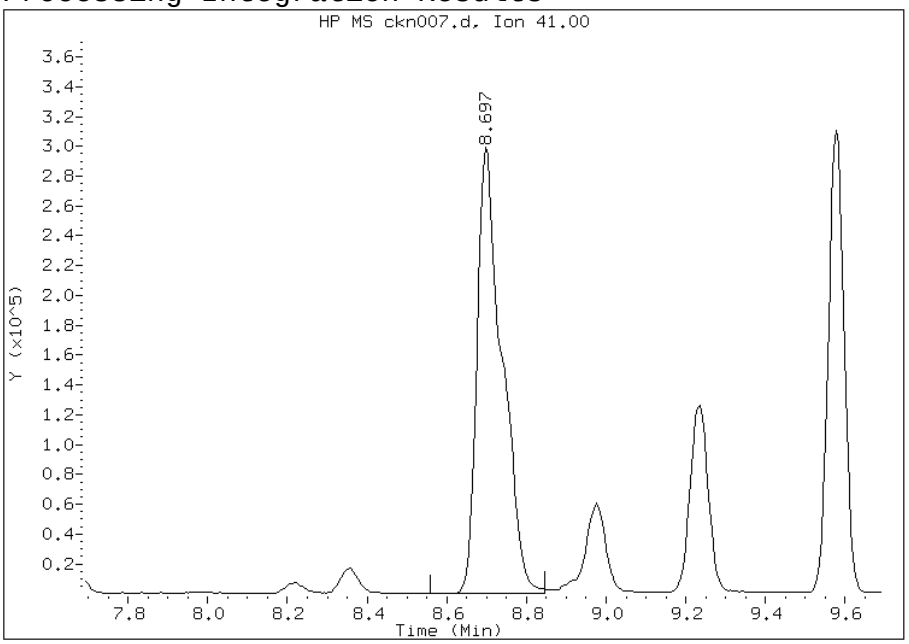
Processing Integration Results

RT: 8.70

Response: 1304060

Amount: 17.08

Conc: 17.08



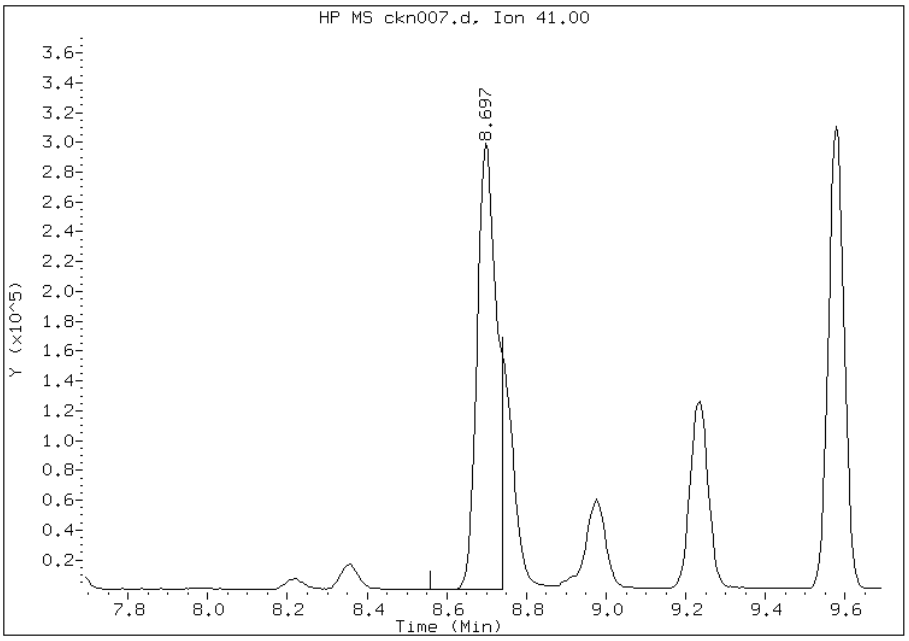
Manual Integration Results

RT: 8.70

Response: 1022329

Amount: 16.42

Conc: 16.42



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn008.d
Lab Smp Id: ic 260506 Client Smp ID: ic 260506
Inj Date : 12-JAN-2012 21:37
Operator : pad Inst ID: C.i
Smp Info : ic 260506
Misc Info : 200,1,level 06
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 21:37 Cal File: ckn008.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	4.977	4.977	(0.447)	642156	20.0000	19
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	2485758	20.0000	19
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	1354442	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	2734338	20.0000	20
5 Chloromethane	50	5.516	5.516	(0.496)	744558	20.0000	19
6 Butane	43	5.730	5.730	(0.515)	1502450	20.0000	19
7 Vinyl chloride	62	5.767	5.767	(0.518)	943665	20.0000	20
8 1,3-Butadiene	54	5.847	5.847	(0.526)	748317	20.0000	20
9 Bromomethane	94	6.514	6.509	(0.586)	857039	20.0000	20
10 Chloroethane	64	6.712	6.712	(0.603)	518949	20.0000	20
11 2-Methylbutane	43	6.781	6.781	(0.610)	1154428	20.0000	19
12 Vinyl bromide	106	7.069	7.064	(0.635)	876421	20.0000	20
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	2619217	20.0000	20
14 Pentane	43	7.261	7.256	(0.653)	1778599	20.0000	20

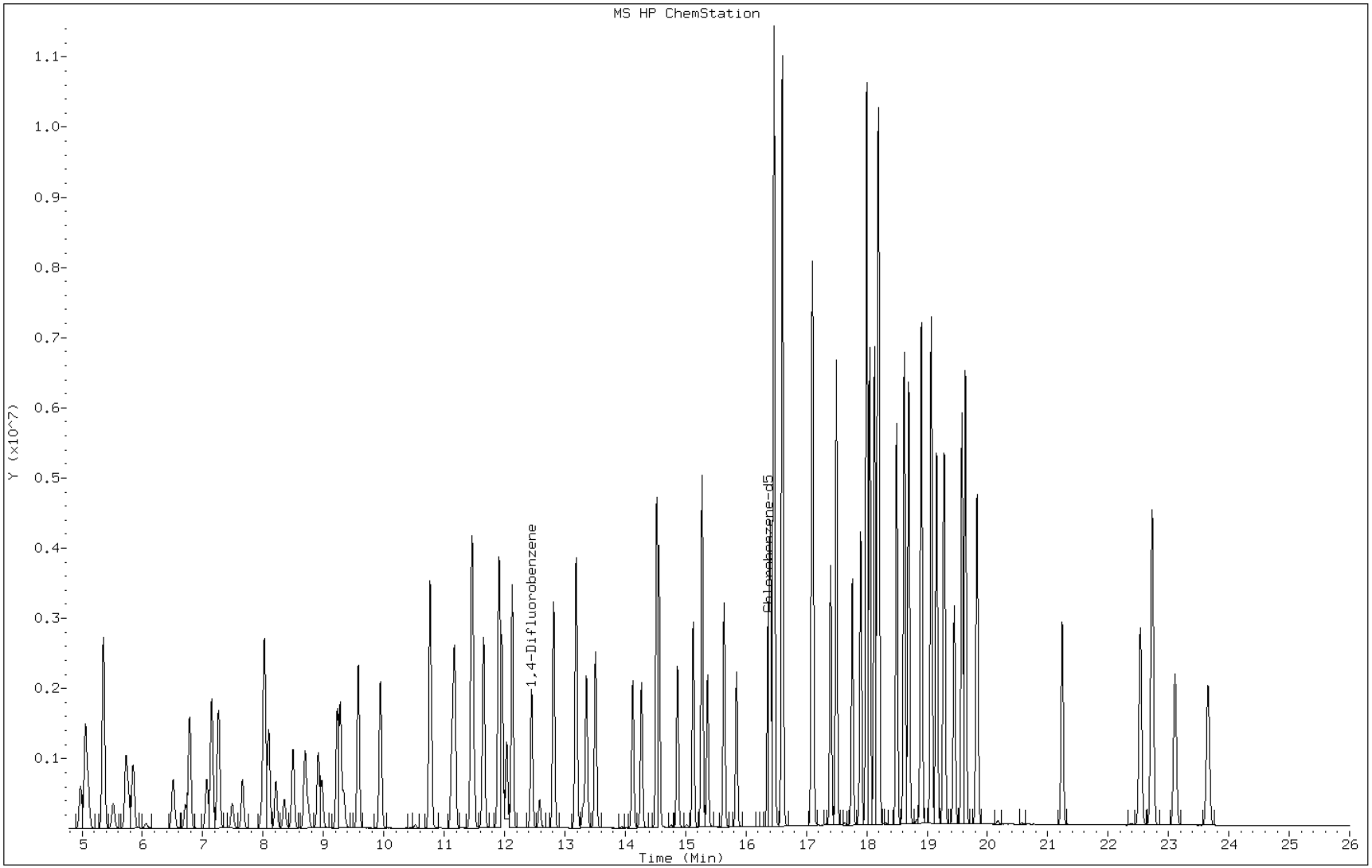
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.491	7.485	(0.673)	655374	40.0000	41
	16 Ethyl ether	59	7.656	7.656	(0.688)	653922	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1878862	20.0000	20
	18 Acrolein	56	7.977	7.976	(0.717)	255980	20.0000	16
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	903288	20.0000	21
	20 Acetone	43	8.211	8.211	(0.738)	1289077	20.0000	20
	21 Carbon disulfide	76	8.500	8.494	(0.764)	2656196	20.0000	20
	22 Isopropanol	45	8.350	8.350	(0.751)	840327	20.0000	19
	23 Allyl chloride	41	8.697	8.692	(0.782)	1288376	20.0000	20(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	506136	20.0000	19(QM)
	25 Methylene chloride	49	8.911	8.910	(0.801)	957117	20.0000	19
	26 Tert-butyl alcohol	59	8.975	8.969	(0.807)	1254439	20.0000	19
	27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	2673066	20.0000	19
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	1417165	20.0000	20
	29 Acrylonitrile	53	9.338	9.337	(0.839)	599940	20.0000	19
	30 n-Hexane	57	9.578	9.572	(0.861)	1626390	20.0000	20
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	1757954	20.0000	20
	32 Vinyl acetate	43	9.935	9.935	(0.893)	2130650	20.0000	19
M	33 1,2-Dichloroethene,Total	61				2462489	40.0000	41
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	1045324	20.0000	20
	35 Ethyl acetate	88	10.762	10.762	(0.967)	87276	20.0000	20
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	457413	20.0000	19(Q)
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	402858	10.0000	
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	966633	20.0000	19
	39 Chloroform	83	11.179	11.173	(1.005)	2122194	20.0000	20
	40 Cyclohexane	84	11.478	11.477	(0.922)	1560992	20.0000	21
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	2397414	20.0000	20
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	2473773	20.0000	21
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	5298632	20.0000	21
	44 Benzene	78	11.958	11.958	(0.961)	3297019	20.0000	20
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	1420173	20.0000	20
	46 n-Heptane	43	12.129	12.129	(0.974)	1942193	20.0000	20
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2288200	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	335857	20.0000	17
	49 Trichloroethene	95	12.817	12.812	(1.030)	1523905	20.0000	21
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	1128343	20.0000	20
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	1053256	20.0000	20
	52 Dibromomethane	174	13.362	13.356	(1.073)	1205373	20.0000	21
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	361017	20.0000	19
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	2406049	20.0000	21
	55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	1739219	20.0000	20
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1945497	20.0000	20
	57 n-Octane	43	14.514	14.514	(1.166)	2603835	20.0000	20
	58 Toluene	92	14.557	14.557	(0.889)	2395936	20.0000	20
	59 1,3-Dichloropropene (trans)	75	14.867	14.866	(1.194)	1770301	20.0000	20
	60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	1070318	20.0000	20
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	2048197	20.0000	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	15.363	15.363	(0.939)	1883901	20.0000	20
63	Dibromochloromethane	129	15.640	15.635	(0.956)	2377248	20.0000	21
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	2052504	20.0000	20
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2143741	10.0000	
66	Chlorobenzene	112	16.404	16.403	(1.002)	3156461	20.0000	20
67	n-Nonane	57	16.462	16.462	(1.006)	2451141	20.0000	21
68	Ethylbenzene	91	16.462	16.462	(1.006)	5450255	20.0000	21
69	Xylene (m,p)	106	16.601	16.601	(1.014)	4340919	40.0000	42
M 70	Xylenes, Total	106				6369775	20.0000	62
71	Xylene (o)	106	17.092	17.092	(1.044)	2028856	20.0000	21
72	Styrene	104	17.113	17.113	(1.046)	3306139	20.0000	22
73	Bromoform	173	17.402	17.401	(1.063)	2358687	20.0000	22
74	Isopropylbenzene	105	17.498	17.497	(1.069)	6007143	20.0000	21
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2824080	20.0000	20
76	n-Propylbenzene	91	17.999	17.994	(1.100)	7468447	20.0000	21
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	2296131	20.0000	20
78	n-Decane	57	18.053	18.047	(1.103)	3086404	20.0000	22
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	6349129	20.0000	22
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	5420024	20.0000	21
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	5560289	20.0000	22
82	Alpha Methyl Styrene	118	18.496	18.495	(1.130)	2620912	20.0000	22
83	tert-butylbenzene	119	18.618	18.618	(1.138)	4966064	20.0000	21
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	5255052	20.0000	22
85	sec-Butylbenzene	105	18.907	18.901	(1.155)	7495490	20.0000	22
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	6405600	20.0000	22
87	1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	3497607	20.0000	21
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	3479925	20.0000	21
89	Benzyl chloride	91	19.451	19.445	(1.188)	3629889	20.0000	19
90	Undecane	57	19.579	19.573	(1.196)	2952057	20.0000	22
91	n-Butylbenzene	91	19.632	19.632	(1.200)	5656470	20.0000	22
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	3253416	20.0000	21
93	Dodecane	57	21.239	21.239	(1.298)	1665695	20.0000	24
94	1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	1847693	20.0000	22
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1739454	20.0000	21
96	Naphthalene	128	23.107	23.107	(1.412)	3863247	20.0000	21
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1444020	20.0000	20

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn008.d	Date:	12-JAN-2012 21:37
Client ID:	ic 260506	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260506		
Lab Sample ID:	ic 260506		



Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

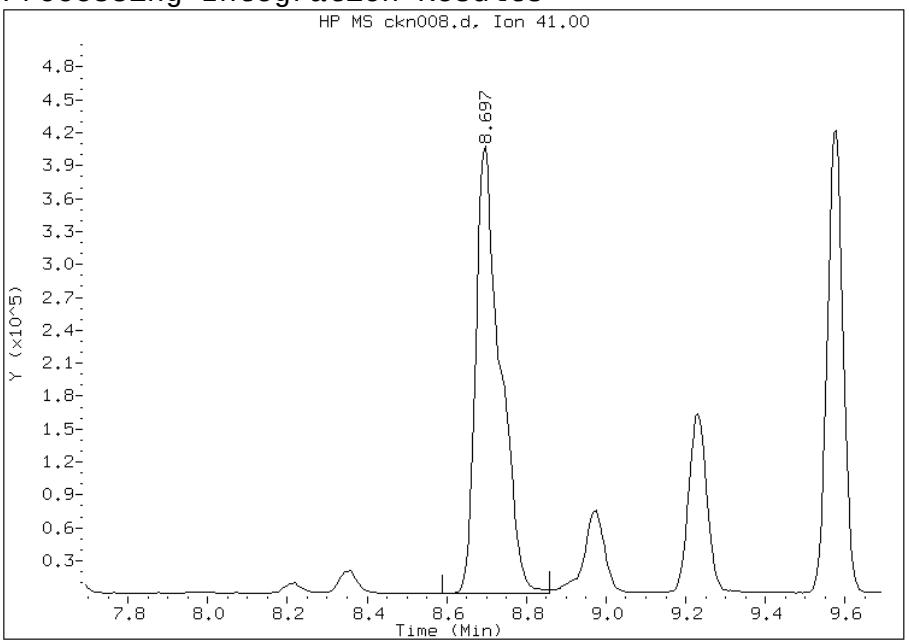
Processing Integration Results

RT: 8.70

Response: 1737805

Amount: 21.67

Conc: 21.67



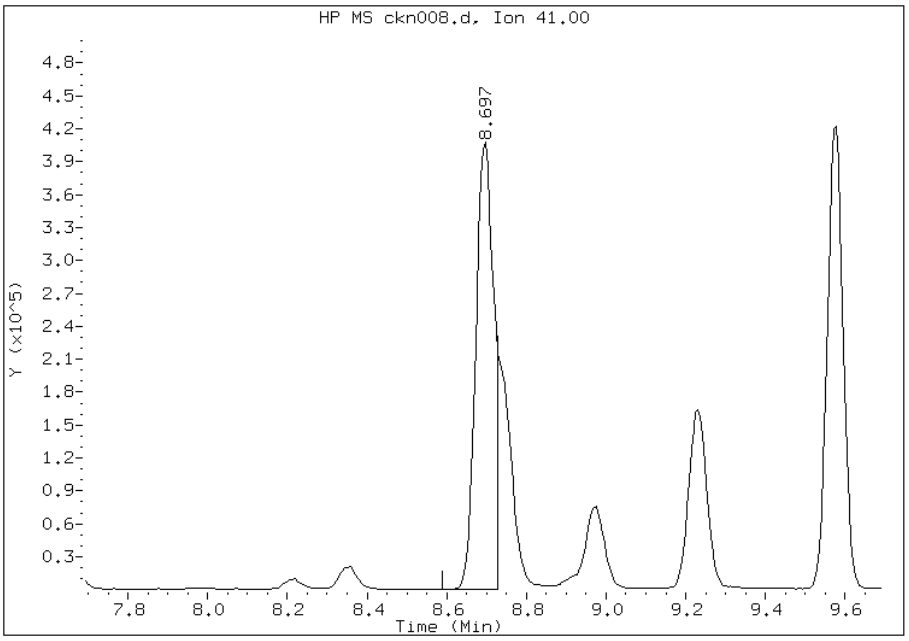
Manual Integration Results

RT: 8.70

Response: 1288376

Amount: 20.03

Conc: 20.03



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

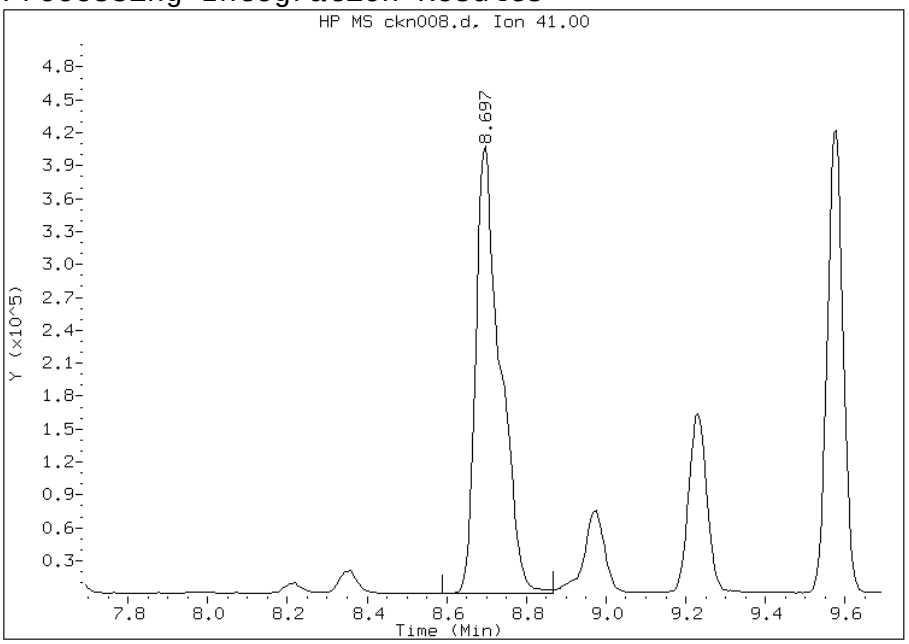
Processing Integration Results

RT: 8.70

Response: 1739690

Amount: 34.17

Conc: 34.17



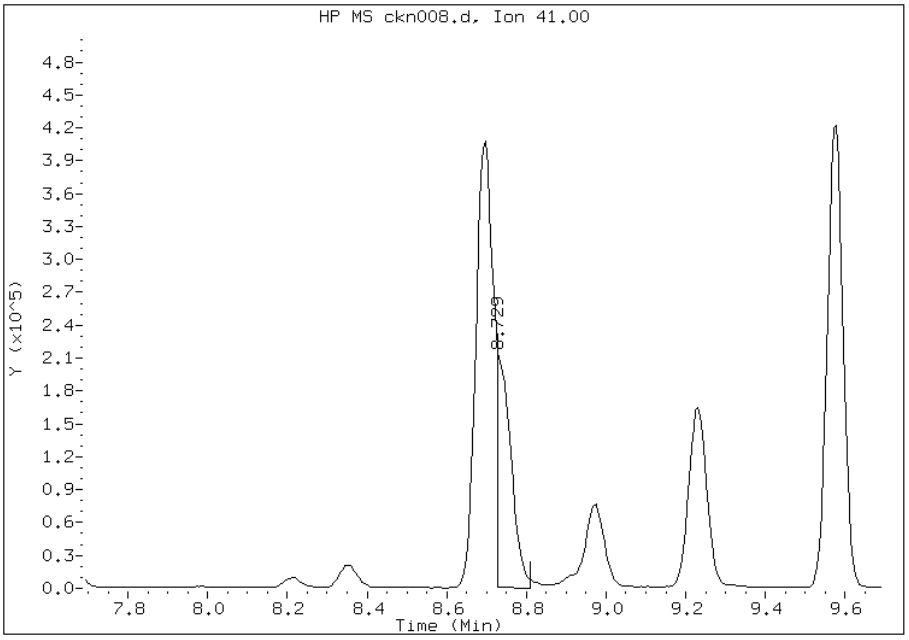
Manual Integration Results

RT: 8.73

Response: 506136

Amount: 18.56

Conc: 18.56



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn009.d
Lab Smp Id: ic 275630 Client Smp ID: ic 275630
Inj Date : 12-JAN-2012 22:26
Operator : pad Inst ID: C.i
Smp Info : ic 275630
Misc Info : 200,1,level 07
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.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	4.982	4.977	(0.448)	1240324	40.0000	34
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	4872701	40.0000	35
3 Chlorodifluoromethane	51	5.110	5.100	(0.459)	2637649	40.0000	35
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	5454358	40.0000	37
5 Chloromethane	50	5.521	5.516	(0.496)	1467156	40.0000	35
6 Butane	43	5.735	5.730	(0.515)	2956367	40.0000	35
7 Vinyl chloride	62	5.772	5.767	(0.519)	1870415	40.0000	37
8 1,3-Butadiene	54	5.852	5.847	(0.526)	1473218	40.0000	37
9 Bromomethane	94	6.519	6.509	(0.586)	1708098	40.0000	37
10 Chloroethane	64	6.717	6.712	(0.603)	1014200	40.0000	36
11 2-Methylbutane	43	6.786	6.781	(0.610)	2235241	40.0000	34
12 Vinyl bromide	106	7.069	7.064	(0.635)	1775936	40.0000	38
13 Trichlorofluoromethane	101	7.154	7.149	(0.643)	5253681	40.0000	37
14 Pentane	43	7.267	7.256	(0.653)	3568449	40.0000	38

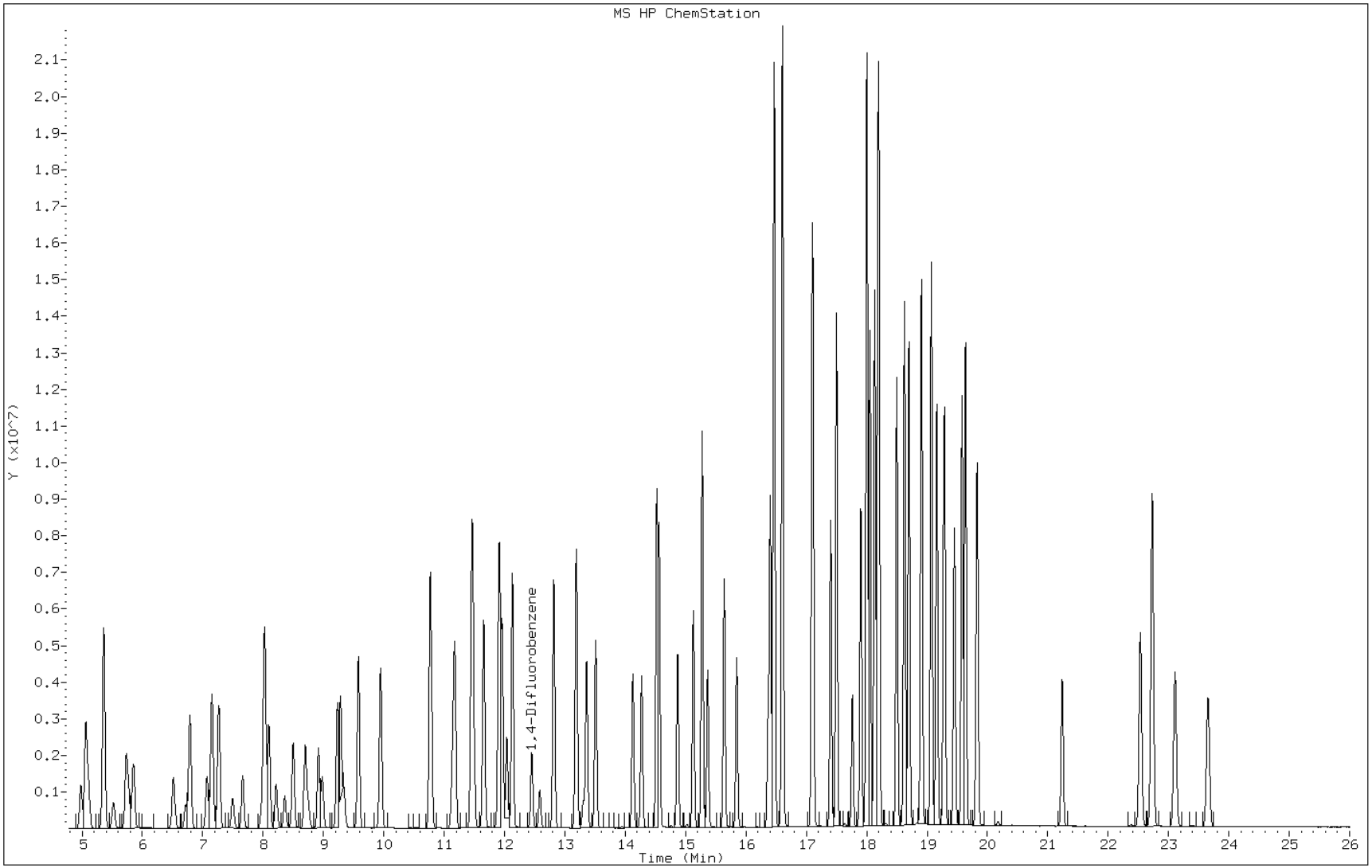
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.496	7.485	(0.673)	1536315	100.000	91
	16 Ethyl ether	59	7.661	7.656	(0.688)	1339424	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.720)	3857410	40.0000	39
	18 Acrolein	56	7.982	7.976	(0.717)	701003	40.0000	42(A)
	19 1,1-Dichloroethene	96	8.094	8.088	(0.727)	1838510	40.0000	40
	20 Acetone	43	8.216	8.211	(0.738)	2337743	40.0000	33
	21 Carbon disulfide	76	8.499	8.494	(0.764)	5421208	40.0000	39
	22 Isopropanol	45	8.361	8.350	(0.751)	1775656	40.0000	37
	23 Allyl chloride	41	8.697	8.692	(0.781)	2544349	40.0000	37(M)
	24 Acetonitrile	41	8.729	8.692	(0.784)	1145797	40.0000	39(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	1898633	40.0000	36
	26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	2613182	40.0000	37
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	5455934	40.0000	37
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	2862136	40.0000	39
	29 Acrylonitrile	53	9.343	9.337	(0.839)	1310646	40.0000	39
	30 n-Hexane	57	9.577	9.572	(0.860)	3306317	40.0000	39
	31 1,1-Dichloroethane	63	9.956	9.951	(0.894)	3577531	40.0000	38
	32 Vinyl acetate	43	9.940	9.935	(0.893)	4623328	40.0000	38
M	33 1,2-Dichloroethene,Total	61				5034216	80.0000	78
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.968)	2172080	40.0000	40
	35 Ethyl acetate	88	10.768	10.762	(0.967)	180565	40.0000	38
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.967)	914910	40.0000	36(Q)
*	37 Bromochloromethane	128	11.130	11.125	(1.000)	429653	10.0000	(Q)
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	1961436	40.0000	37
	39 Chloroform	83	11.178	11.173	(1.004)	4309197	40.0000	38
	40 Cyclohexane	84	11.477	11.477	(0.922)	3229203	40.0000	41(A)
	41 1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	4895660	40.0000	40(A)
	42 Carbon tetrachloride	117	11.653	11.648	(0.936)	5100456	40.0000	41(A)
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	10931388	40.0000	41(A)
	44 Benzene	78	11.958	11.958	(0.961)	6919593	40.0000	41(A)
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	2820086	40.0000	39
	46 n-Heptane	43	12.134	12.129	(0.975)	3899083	40.0000	39
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2384686	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	868822	40.0000	43(A)
	49 Trichloroethene	95	12.817	12.812	(1.030)	3176879	40.0000	42(A)
	50 1,2-Dichloropropane	63	13.185	13.180	(1.059)	2299443	40.0000	40(Q)
	51 Methyl methacrylate	69	13.190	13.191	(1.060)	2206706	40.0000	41(A)
	52 Dibromomethane	174	13.361	13.356	(1.073)	2567945	40.0000	43(A)
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	776320	40.0000	39
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	4886689	40.0000	41(A)
	55 1,3-Dichloropropene (cis)	75	14.130	14.125	(1.135)	3576930	40.0000	40
	56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	3853172	40.0000	38
	57 n-Octane	43	14.519	14.514	(1.166)	5107019	40.0000	38
	58 Toluene	92	14.557	14.557	(0.889)	5039162	40.0000	41(A)
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	3715118	40.0000	40
	60 1,1,2-Trichloroethane	83	15.128	15.123	(0.924)	2208485	40.0000	39
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	4500446	40.0000	44(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	15.363	15.363	(0.939)	3761791	40.0000	38
63	Dibromochloromethane	129	15.640	15.635	(0.956)	5085011	40.0000	43(A)
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	4306960	40.0000	41(A)
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2238326	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	6723670	40.0000	41(A)
67	n-Nonane	57	16.462	16.462	(1.006)	4648094	40.0000	38
68	Ethylbenzene	91	16.467	16.462	(1.006)	11214249	40.0000	41(A)
69	Xylene (m,p)	106	16.601	16.601	(1.014)	9254798	80.0000	86(A)
M 70	Xylenes, Total	106				13545633	40.0000	130
71	Xylene (o)	106	17.097	17.092	(1.045)	4290835	40.0000	42(A)
72	Styrene	104	17.113	17.113	(1.046)	7140868	40.0000	44(A)
73	Bromoform	173	17.401	17.401	(1.063)	5447930	40.0000	48(A)
74	Isopropylbenzene	105	17.497	17.497	(1.069)	13086979	40.0000	44(A)
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	5992313	40.0000	41(A)
76	n-Propylbenzene	91	17.999	17.994	(1.100)	15799657	40.0000	44(A)
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	4641882	40.0000	39
78	n-Decane	57	18.052	18.047	(1.103)	6332753	40.0000	44(A)
79	4-Ethyltoluene	105	18.132	18.127	(1.108)	13930493	40.0000	45(A)
80	2-Chlorotoluene	91	18.186	18.181	(1.111)	11425456	40.0000	42(A)
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	11817935	40.0000	45(A)
82	Alpha Methyl Styrene	118	18.501	18.495	(1.130)	5765376	40.0000	47(A)
83	tert-butylbenzene	119	18.623	18.618	(1.138)	10803359	40.0000	44(A)
84	1,2,4-Trimethylbenzene	105	18.698	18.693	(1.143)	11201586	40.0000	44(A)
85	sec-Butylbenzene	105	18.906	18.901	(1.155)	16073959	40.0000	45(A)
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	13955776	40.0000	46(A)
87	1,3-Dichlorobenzene	146	19.162	19.157	(1.171)	7742578	40.0000	44(A)
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	7679147	40.0000	44(A)
89	Benzyl chloride	91	19.451	19.445	(1.188)	9514593	40.0000	48(A)
90	Undecane	57	19.579	19.573	(1.196)	6052076	40.0000	43(A)
91	n-Butylbenzene	91	19.637	19.632	(1.200)	11710968	40.0000	45(A)
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	7017090	40.0000	43(A)
93	Dodecane	57	21.239	21.239	(1.298)	2319042	40.0000	31
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	3470298	40.0000	39
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	3558973	40.0000	41(A)
96	Naphthalene	128	23.106	23.107	(1.412)	7625329	40.0000	39
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	2528944	40.0000	34

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:	ckn009.d	Date:	12-JAN-2012 22:26
Client ID:	ic 275630	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 275630		
Lab Sample ID:	ic 275630		



Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

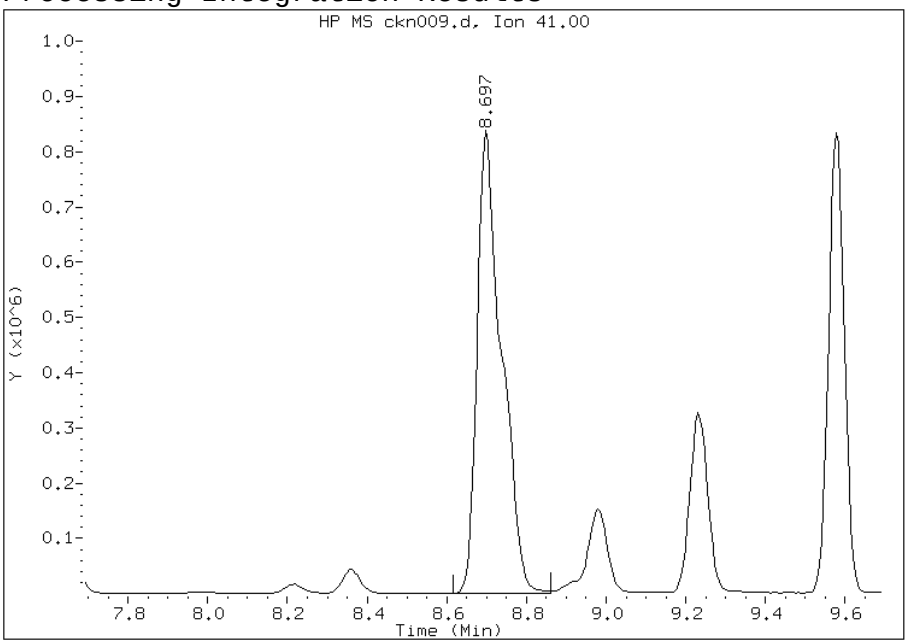
Processing Integration Results

RT: 8.70

Response: 3553783

Amount: 41.32

Conc: 41.32



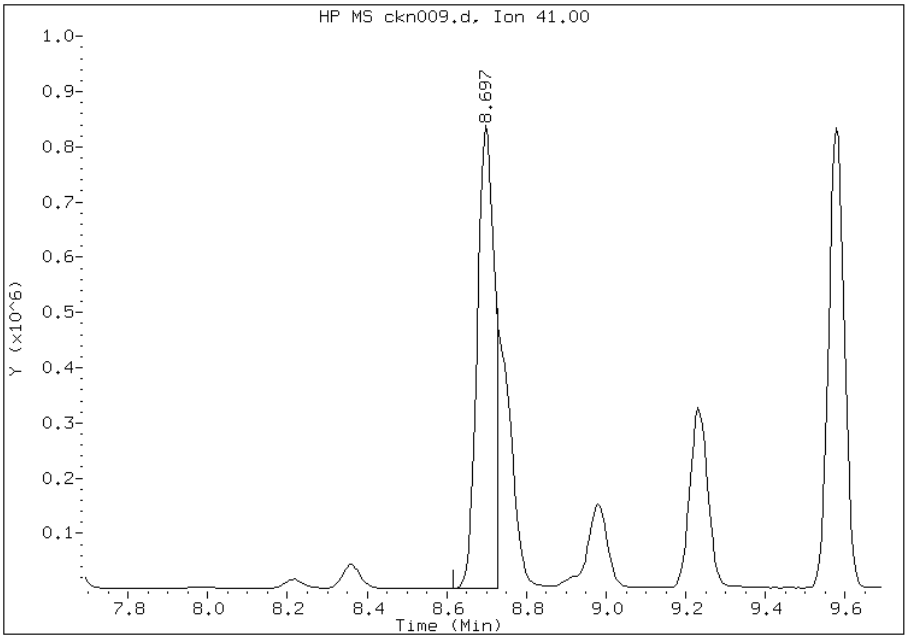
Manual Integration Results

RT: 8.70

Response: 2544349

Amount: 37.09

Conc: 37.09



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

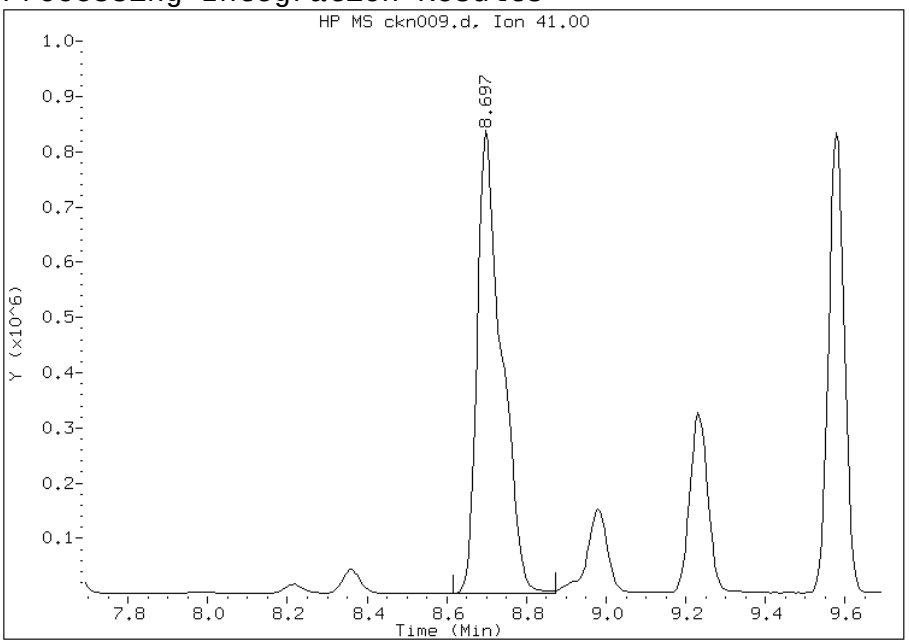
Processing Integration Results

RT: 8.70

Response: 3556919

Amount: 86.46

Conc: 86.46



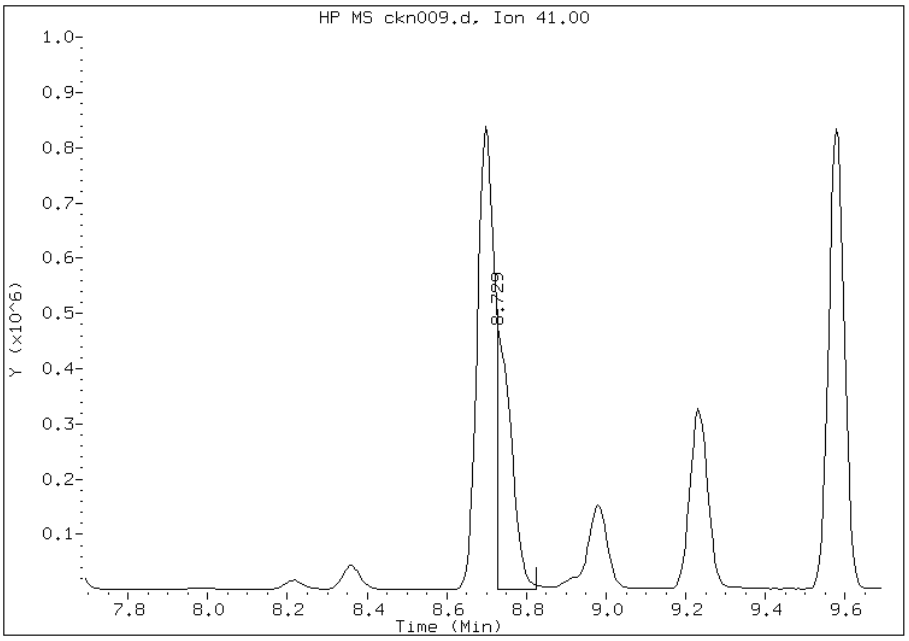
Manual Integration Results

RT: 8.73

Response: 1145797

Amount: 39.40

Conc: 39.40



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8452	0.8203		9.70	10.0	-3.0	30.0
Dichlorodifluoromethane	Ave	3.226	3.191		9.89	10.0	-1.1	30.0
Freon 22	Ave	1.731	1.720		9.93	10.0	-0.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.492		10.2	10.0	2.0	30.0
Chloromethane	Ave	0.9778	0.9733		9.95	10.0	-0.5	30.0
n-Butane	Ave	1.947	1.888		9.69	10.0	-3.0	30.0
Vinyl chloride	Ave	1.190	1.208		10.2	10.0	1.6	30.0
1,3-Butadiene	Ave	0.9269	0.9785		10.6	10.0	5.6	30.0
Bromomethane	Ave	1.076	1.072		9.96	10.0	-0.4	30.0
Chloroethane	Ave	0.6498	0.6589		10.1	10.0	1.4	30.0
Isopentane	Ave	1.529	1.486		9.72	10.0	-2.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	1.130		10.5	10.0	4.8	30.0
Trichlorofluoromethane	Ave	3.268	3.309		10.1	10.0	1.3	30.0
n-Pentane	Ave	2.209	2.191		9.92	10.0	-0.8	30.0
Ethanol	Ave	0.3924	0.3889		14.9	15.0	-0.9	30.0
Ethyl ether	Ave	0.8319	0.6967		8.37	10.0	-16.3	30.0
Acrolein	Ave	0.3902	0.2982		7.64	10.0	-23.6	30.0
Freon TF	Ave	2.278	2.528		11.1	10.0	11.0	30.0
1,1-Dichloroethene	Ave	1.076	1.258		11.7	10.0	17.0	30.0
Acetone	Ave	1.631	1.435		8.79	10.0	-12.0	30.0
Isopropyl alcohol	Ave	1.119	1.179		10.5	10.0	5.4	30.0
Carbon disulfide	Ave	3.237	3.402		10.5	10.0	5.1	30.0
3-Chloropropene	Ave	1.597	1.751		11.0	10.0	9.7	30.0
Acetonitrile	Ave	0.6769	0.5755		8.50	10.0	-15.0	30.0
Methylene Chloride	Ave	1.226	1.311		10.7	10.0	7.0	30.0
tert-Butyl alcohol	Ave	1.663	1.812		10.9	10.0	9.0	30.0
Methyl tert-butyl ether	Ave	3.420	3.050		8.91	10.0	-10.8	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.780		10.3	10.0	3.1	30.0
Acrylonitrile	Ave	0.7730	0.6989		9.04	10.0	-9.6	30.0
n-Hexane	Ave	1.990	2.060		10.4	10.0	3.5	30.0
Vinyl acetate	Ave	2.832	2.427		8.57	10.0	-14.3	30.0
1,1-Dichloroethane	Ave	2.172	2.223		10.2	10.0	2.4	30.0
Ethyl acetate	Ave	0.1111	0.0929		8.37	10.0	-16.3	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5131		8.58	10.0	-14.2	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.331		10.4	10.0	4.2	30.0
Tetrahydrofuran	Ave	0.2217	0.1944		8.76	10.0	-12.3	30.0
Chloroform	Ave	2.620	2.669		10.2	10.0	1.9	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5138		10.0	10.0	0.4	30.0
Cyclohexane	Ave	0.3285	0.3369		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5212	0.5240		10.1	10.0	0.5	30.0
2,2,4-Trimethylpentane	Ave	1.118	1.144		10.2	10.0	2.3	30.0
Benzene	Ave	0.7127	0.7051		9.89	10.0	-1.1	30.0
1,2-Dichloroethane	Ave	0.3068	0.3093		10.1	10.0	0.8	30.0
n-Heptane	Ave	0.4147	0.4208		10.1	10.0	1.5	30.0
n-Butanol	Ave	0.0848	0.0895		10.5	10.0	5.4	30.0
Trichloroethene	Ave	0.3193	0.3297		10.3	10.0	3.3	30.0
1,2-Dichloropropane	Ave	0.2438	0.2358		9.67	10.0	-3.3	30.0
Methyl methacrylate	Ave	0.2263	0.1926		8.51	10.0	-14.9	30.0
1,4-Dioxane	Ave	0.0840	0.0778		9.26	10.0	-7.4	30.0
Dibromomethane	Ave	0.2489	0.2486		9.99	10.0	-0.1	30.0
Bromodichloromethane	Ave	0.5035	0.5262		10.4	10.0	4.5	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3637		9.65	10.0	-3.4	30.0
methyl isobutyl ketone	Ave	0.4284	0.3804		8.88	10.0	-11.2	30.0
n-Octane	Ave	0.5655	0.5519		9.76	10.0	-2.4	30.0
Toluene	Ave	0.5552	0.5836		10.5	10.0	5.1	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.3602		9.24	10.0	-7.5	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2543		10.2	10.0	1.5	30.0
Tetrachloroethene	Ave	0.4535	0.4925		10.9	10.0	8.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4542		10.3	10.0	2.7	30.0
Dibromochloromethane	Ave	0.5245	0.5961		11.4	10.0	13.7	30.0
1,2-Dibromoethane	Ave	0.4671	0.4956		10.6	10.0	6.1	30.0
Chlorobenzene	Ave	0.7371	0.7604		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.229	1.224		9.96	10.0	-0.4	30.0
n-Nonane	Ave	0.5480	0.5735		10.5	10.0	4.6	30.0
m,p-Xylene	Ave	0.4831	0.4733		19.6	20.0	-2.0	30.0
Xylene, o-	Ave	0.4608	0.4470		9.70	10.0	-3.0	30.0
Styrene	Ave	0.7170	0.7188		10.0	10.0	0.2	30.0
Bromoform	Ave	0.5108	0.5524		10.8	10.0	8.1	30.0
Cumene	Ave	1.336	1.320		9.88	10.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6265		9.51	10.0	-4.9	30.0
n-Propylbenzene	Ave	1.621	1.609		9.93	10.0	-0.7	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5189		9.78	10.0	-2.2	30.0
n-Decane	Ave	0.6486	0.6483		9.99	10.0	-0.0	30.0
4-Ethyltoluene	Ave	1.377	1.399		10.2	10.0	1.6	30.0
2-Chlorotoluene	Ave	1.205	1.242		10.3	10.0	3.1	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.157		9.77	10.0	-2.2	30.0
Alpha Methyl Styrene	Ave	0.5529	0.5673		10.3	10.0	2.6	30.0
tert-Butylbenzene	Ave	1.090	1.079		9.89	10.0	-1.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.138	1.094		9.61	10.0	-3.9	30.0
sec-Butylbenzene	Ave	1.604	1.603		9.99	10.0	-0.0	30.0
4-Isopropyltoluene	Ave	1.362	1.345		9.87	10.0	-1.3	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.7523		9.68	10.0	-3.2	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7497		9.70	10.0	-3.0	30.0
Benzyl chloride	Ave	0.8770	0.9358		10.7	10.0	6.7	30.0
n-Undecane	Ave	0.6294	0.5900		9.37	10.0	-6.3	30.0
n-Butylbenzene	Ave	1.173	1.193		10.2	10.0	1.7	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.6916		9.41	10.0	-5.9	30.0
n-Dodecane	Ave	0.3305	0.4108		12.4	10.0	24.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.3424		8.71	10.0	-12.8	30.0
Hexachlorobutadiene	Ave	0.3860	0.3357		8.70	10.0	-13.0	30.0
Naphthalene	Ave	0.8764	0.7793		8.89	10.0	-11.1	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.2955		8.87	10.0	-11.3	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn012.d
Lab Smp Id: icv 264634 Client Smp ID: icv 264634
Inj Date : 13-JAN-2012 00:56
Operator : pad Inst ID: C.i
Smp Info : icv 264634
Misc Info : 200,1,icv
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:28 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.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)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.972	4.977	(0.447)	311879	9.70274	9.7
2	Dichlorodifluoromethane	85	5.052	5.057	(0.454)	1213366	9.88976	9.9
3	Chlorodifluoromethane	51	5.100	5.100	(0.459)	653792	9.93078	9.9
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.345	5.351	(0.481)	1327661	10.2022	10
5	Chloromethane	50	5.511	5.516	(0.496)	370083	9.95266	10
6	Butane	43	5.724	5.730	(0.515)	718026	9.69489	9.7
7	Vinyl chloride	62	5.767	5.767	(0.519)	459482	10.1537	10
8	1,3-Butadiene	54	5.842	5.847	(0.525)	372029	10.5546	11
9	Bromomethane	94	6.509	6.509	(0.585)	407690	9.96020	10
10	Chloroethane	64	6.711	6.712	(0.604)	250533	10.1377	10
11	2-Methylbutane	43	6.776	6.781	(0.609)	564822	9.71609	9.7
12	Vinyl bromide	106	7.064	7.064	(0.635)	429774	10.4809	10
13	Trichlorofluoromethane	101	7.144	7.149	(0.642)	1258326	10.1252	10
14	Pentane	43	7.256	7.256	(0.653)	833106	9.91852	9.9

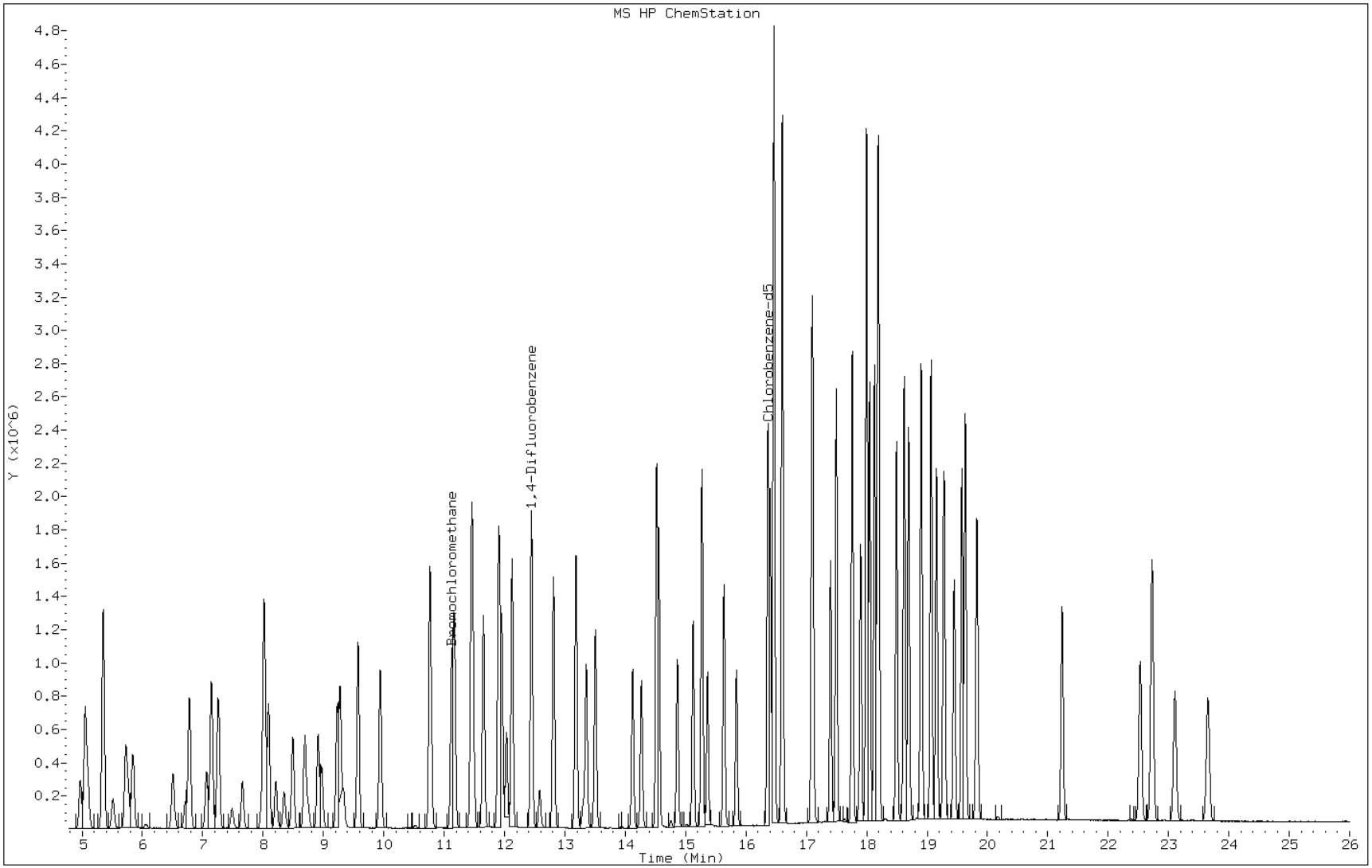
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	7.485	7.485	(0.673)	221875	14.8692	15
16	Ethyl ether	59	7.661	7.656	(0.689)	264909	8.37299	8.4
17	1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.721)	961376	11.0969	11
18	Acrolein	56	7.976	7.976	(0.717)	113363	7.64030	7.6
19	1,1-Dichloroethene	96	8.088	8.088	(0.727)	478412	11.6968	12
20	Acetone	43	8.211	8.211	(0.738)	545458	8.79478	8.8
21	Carbon disulfide	76	8.494	8.494	(0.764)	1293350	10.5053	11
22	Isopropanol	45	8.350	8.350	(0.751)	448372	10.5346	11
23	Allyl chloride	41	8.691	8.692	(0.782)	665944	10.9681	11(M)
24	Acetonitrile	41	8.729	8.692	(0.785)	218799	8.49986	8.5(QM)
25	Methylene chloride	49	8.910	8.910	(0.801)	498540	10.6950	11
26	Tert-butyl alcohol	59	8.969	8.969	(0.807)	689048	10.8945	11
27	Methyl tert-butyl ether	73	9.230	9.231	(0.830)	1159600	8.91491	8.9
28	1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	676903	10.3129	10
29	Acrylonitrile	53	9.337	9.337	(0.840)	265719	9.03902	9.0
30	n-Hexane	57	9.572	9.572	(0.861)	783349	10.3501	10
31	1,1-Dichloroethane	63	9.951	9.951	(0.895)	845334	10.2358	10
32	Vinyl acetate	43	9.935	9.935	(0.893)	922659	8.56705	8.6
M 33	1,2-Dichloroethene,Total	61				1183079	20.7323	21
34	1,2-Dichloroethene (cis)	96	10.773	10.773	(0.969)	506176	10.4194	10
35	Ethyl acetate	88	10.762	10.762	(0.968)	35334	8.36568	8.4
36	Methyl Ethyl Ketone	72	10.762	10.762	(0.968)	195079	8.58289	8.6(Q)
* 37	Bromochloromethane	128	11.120	11.125	(1.000)	380296	10.0000	
38	Tetrahydrofuran	42	11.157	11.152	(0.897)	424359	8.76425	8.8
39	Chloroform	83	11.173	11.173	(1.005)	1014690	10.1857	10
40	Cyclohexane	84	11.472	11.477	(0.922)	735627	10.2531	10
41	1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1121849	10.0397	10
42	Carbon tetrachloride	117	11.648	11.648	(0.936)	1144007	10.0511	10
43	2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2498488	10.2313	10
44	Benzene	78	11.958	11.958	(0.961)	1539519	9.89178	9.9
45	1,2-Dichloroethane	62	12.032	12.032	(0.967)	675374	10.0800	10
46	n-Heptane	43	12.128	12.129	(0.975)	918735	10.1457	10
* 47	1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2183812	10.0000	
48	n-Butanol	56	12.582	12.582	(1.011)	195346	10.5427	11
49	Trichloroethene	95	12.812	12.812	(1.030)	719945	10.3261	10
50	1,2-Dichloropropane	63	13.180	13.180	(1.059)	514757	9.66903	9.7(Q)
51	Methyl methacrylate	69	13.190	13.191	(1.060)	420532	8.50803	8.5
52	Dibromomethane	174	13.356	13.356	(1.073)	542847	9.98521	10
53	1,4-Dioxane	88	13.303	13.303	(1.069)	169821	9.25958	9.3
54	Bromodichloromethane	83	13.505	13.505	(1.085)	1148884	10.4493	10
55	1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	794168	9.65366	9.7
56	Methyl isobutyl ketone	43	14.269	14.269	(1.147)	830613	8.87924	8.9
57	n-Octane	43	14.514	14.514	(1.166)	1205093	9.75873	9.8
58	Toluene	92	14.557	14.557	(0.889)	1055638	10.5088	11
59	1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	786387	9.24372	9.2
60	1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	460000	10.1503	10
61	Tetrachloroethene	166	15.272	15.272	(0.933)	890836	10.8580	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	15.363	15.363	(0.939)	821564	10.2671	10
63	Dibromochloromethane	129	15.635	15.635	(0.955)	1078349	11.3633	11
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	896453	10.6079	11
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1809282	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	1375518	10.3135	10
67	n-Nonane	57	16.462	16.462	(1.006)	1037384	10.4628	10
68	Ethylbenzene	91	16.462	16.462	(1.006)	2214804	9.95989	10
69	Xylene (m,p)	106	16.601	16.601	(1.014)	1712216	19.5885	20
M 70	Xylenes, Total	106				2520751	29.2855	29
71	Xylene (o)	106	17.092	17.092	(1.044)	808535	9.69696	9.7
72	Styrene	104	17.113	17.113	(1.046)	1300224	10.0229	10
73	Bromoform	173	17.401	17.401	(1.063)	999162	10.8115	11
74	Isopropylbenzene	105	17.497	17.497	(1.069)	2388622	9.87905	9.9
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	1133305	9.50929	9.5
76	n-Propylbenzene	91	17.994	17.994	(1.099)	2911431	9.92707	9.9
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	938558	9.77877	9.8
78	n-Decane	57	18.047	18.047	(1.103)	1172657	9.99332	10
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	2530647	10.1581	10
80	2-Chlorotoluene	91	18.180	18.181	(1.111)	2245899	10.3038	10
81	1,3,5-Trimethylbenzene	105	18.196	18.197	(1.112)	2092379	9.77478	9.8
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1026273	10.2588	10
83	tert-butylbenzene	119	18.618	18.618	(1.138)	1951350	9.89031	9.9
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	1979462	9.61223	9.6
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	2899625	9.98966	10
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	2432937	9.87250	9.9
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	1360888	9.67635	9.7
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	1356208	9.70002	9.7
89	Benzyl chloride	91	19.445	19.445	(1.188)	1692789	10.6685	11
90	Undecane	57	19.573	19.573	(1.196)	1067304	9.37213	9.4
91	n-Butylbenzene	91	19.632	19.632	(1.200)	2157910	10.1684	10
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	1251081	9.40544	9.4
93	Dodecane	57	21.239	21.239	(1.298)	743115	12.4287	12
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	619407	8.71407	8.7
95	1,3-Hexachlorobutadiene	225	22.728	22.733	(1.389)	607232	8.69558	8.7
96	Naphthalene	128	23.106	23.107	(1.412)	1409711	8.89023	8.9
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	534612	8.86577	8.9

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn012.d	Date:	13-JAN-2012 00:56
Client ID:	icv 264634	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icv 264634		
Lab Sample ID:	icv 264634		



Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

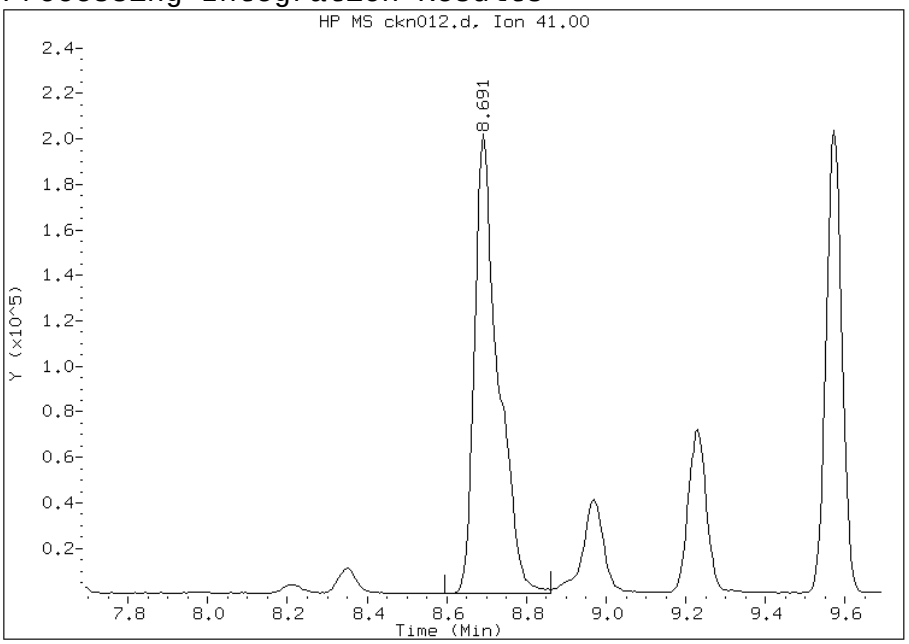
Processing Integration Results

RT: 8.69

Response: 830030

Amount: 10.90

Conc: 10.90



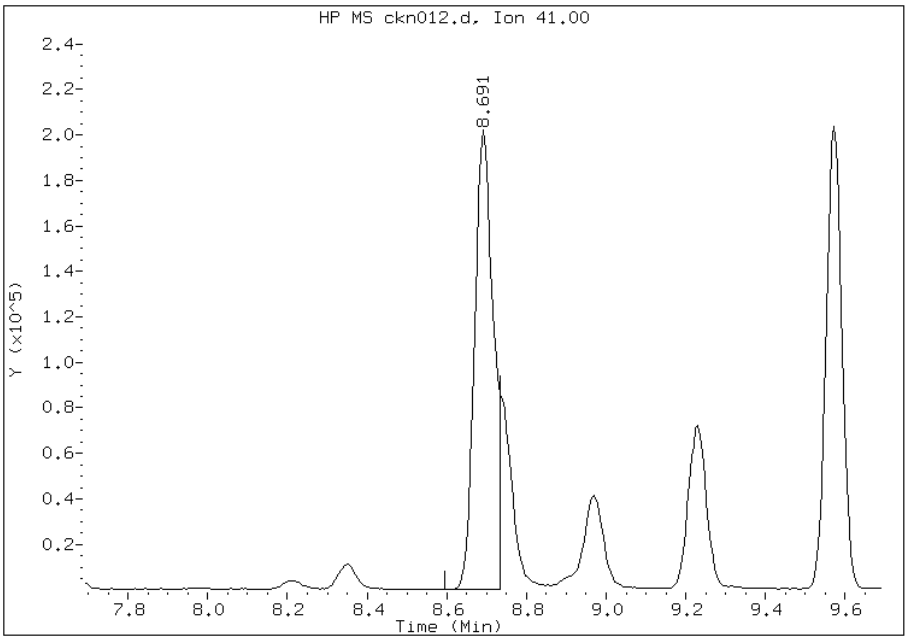
Manual Integration Results

RT: 8.69

Response: 665944

Amount: 10.97

Conc: 10.97



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

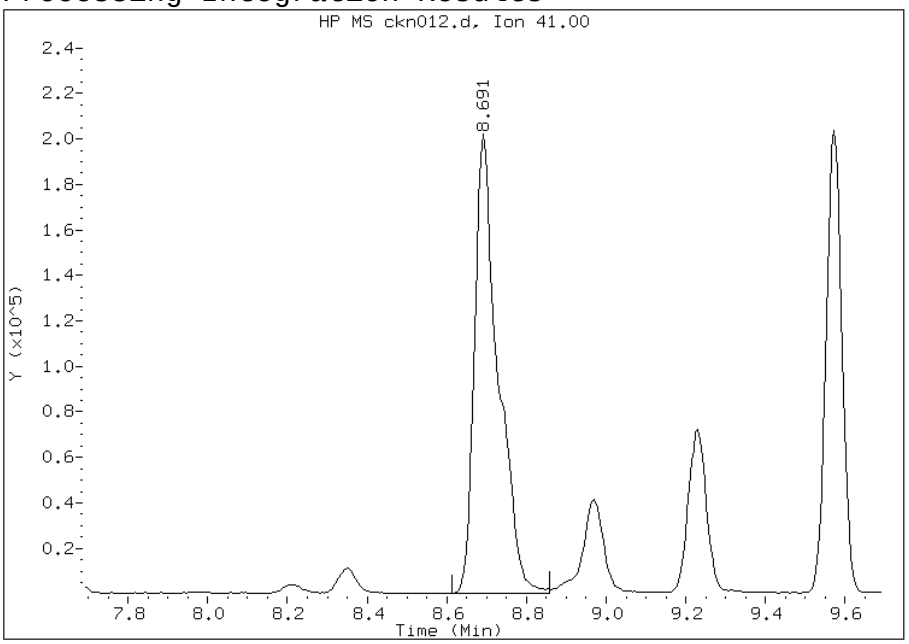
Processing Integration Results

RT: 8.69

Response: 827762

Amount: 32.16

Conc: 32.16



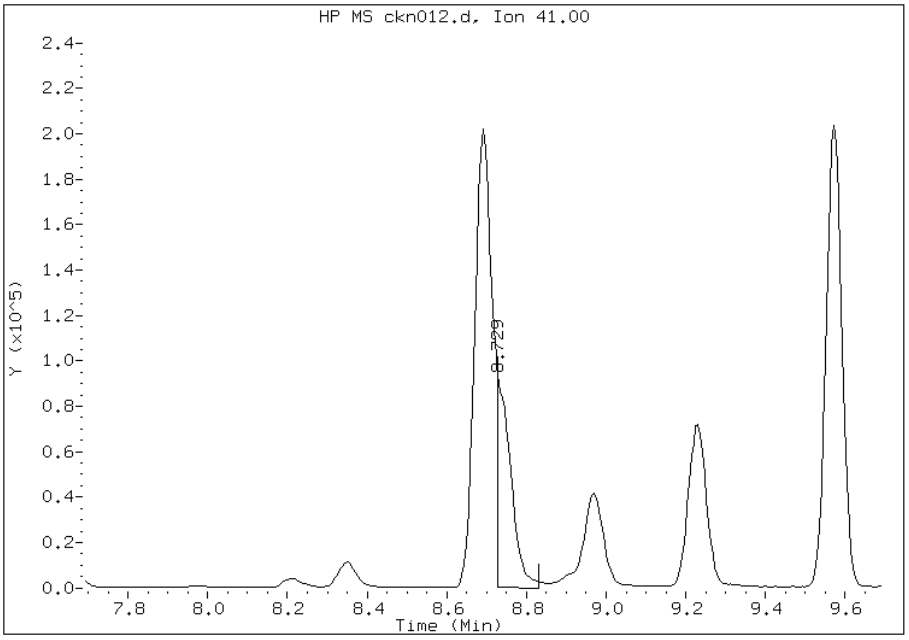
Manual Integration Results

RT: 8.73

Response: 218799

Amount: 8.50

Conc: 8.50



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: CCVIS 200-33356/3 Calibration Date: 02/06/2012 10:54

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknq003.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	0.8452	0.8255		9.76	10.0	-2.3	30.0
Dichlorodifluoromethane	Ave	3.226	3.442		10.7	10.0	6.7	30.0
Freon 22	Ave	1.731	1.690		9.76	10.0	-2.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.296		9.63	10.0	-3.7	30.0
Chloromethane	Ave	0.9778	0.9045		9.25	10.0	-7.5	30.0
n-Butane	Ave	1.947	1.769		9.08	10.0	-9.1	30.0
Vinyl chloride	Ave	1.190	1.076		9.04	10.0	-9.6	30.0
1,3-Butadiene	Ave	0.9269	0.8300		8.95	10.0	-10.4	30.0
Bromomethane	Ave	1.076	0.9765		9.07	10.0	-9.3	30.0
Chloroethane	Ave	0.6498	0.5672		8.73	10.0	-12.7	30.0
Isopentane	Ave	1.529	1.294		8.46	10.0	-15.4	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	0.999		9.26	10.0	-7.3	30.0
Trichlorofluoromethane	Ave	3.268	3.381		10.3	10.0	3.5	30.0
n-Pentane	Ave	2.209	2.008		9.09	10.0	-9.1	30.0
Ethanol	Ave	0.3924	0.3475		13.3	15.0	-11.4	30.0
Ethyl ether	Ave	0.8319	0.7980		9.59	10.0	-4.1	30.0
Acrolein	Ave	0.3902	0.3837		9.83	10.0	-1.7	30.0
Freon TF	Ave	2.278	2.240		9.83	10.0	-1.7	30.0
1,1-Dichloroethene	Ave	1.076	1.026		9.54	10.0	-4.6	30.0
Acetone	Ave	1.631	1.794		11.0	10.0	10.0	30.0
Isopropyl alcohol	Ave	1.119	1.156		10.3	10.0	3.3	30.0
Carbon disulfide	Ave	3.237	3.080		9.51	10.0	-4.9	30.0
3-Chloropropene	Ave	1.597	1.594		9.98	10.0	-0.1	30.0
Acetonitrile	Ave	0.6769	0.6793		10.0	10.0	0.4	30.0
Methylene Chloride	Ave	1.226	1.157		9.44	10.0	-5.6	30.0
tert-Butyl alcohol	Ave	1.663	1.780		10.7	10.0	7.0	30.0
Methyl tert-butyl ether	Ave	3.420	3.466		10.1	10.0	1.3	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.688		9.78	10.0	-2.2	30.0
Acrylonitrile	Ave	0.7730	0.7321		9.47	10.0	-5.3	30.0
n-Hexane	Ave	1.990	1.862		9.35	10.0	-6.5	30.0
Vinyl acetate	Ave	2.832	2.770		9.78	10.0	-2.2	30.0
1,1-Dichloroethane	Ave	2.172	2.114		9.73	10.0	-2.7	30.0
Ethyl acetate	Ave	0.1111	0.1045		9.41	10.0	-5.9	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5521		9.24	10.0	-7.6	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.220		9.55	10.0	-4.5	30.0
Tetrahydrofuran	Ave	0.2217	0.2103		9.48	10.0	-5.1	30.0
Chloroform	Ave	2.620	2.683		10.2	10.0	2.4	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5450		10.6	10.0	6.5	30.0
Cyclohexane	Ave	0.3285	0.3071		9.34	10.0	-6.5	30.0
Carbon tetrachloride	Ave	0.5212	0.5716		11.0	10.0	9.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: CCVIS 200-33356/3 Calibration Date: 02/06/2012 10:54

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknq003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.118	1.054		9.42	10.0	-5.8	30.0
Benzene	Ave	0.7127	0.6703		9.40	10.0	-5.9	30.0
1,2-Dichloroethane	Ave	0.3068	0.3191		10.4	10.0	4.0	30.0
n-Heptane	Ave	0.4147	0.3875		9.34	10.0	-6.5	30.0
n-Butanol	Ave	0.0848	0.0947		11.2	10.0	11.7	30.0
Trichloroethene	Ave	0.3193	0.3181		9.96	10.0	-0.4	30.0
1,2-Dichloropropane	Ave	0.2438	0.2353		9.65	10.0	-3.5	30.0
Methyl methacrylate	Ave	0.2263	0.2207		9.75	10.0	-2.5	30.0
1,4-Dioxane	Ave	0.0840	0.0831		9.89	10.0	-1.1	30.0
Dibromomethane	Ave	0.2489	0.2354		9.45	10.0	-5.4	30.0
Bromodichloromethane	Ave	0.5035	0.5276		10.5	10.0	4.8	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3751		9.95	10.0	-0.4	30.0
methyl isobutyl ketone	Ave	0.4284	0.4281		9.99	10.0	-0.0	30.0
n-Octane	Ave	0.5655	0.5437		9.61	10.0	-3.9	30.0
Toluene	Ave	0.5552	0.5381		9.69	10.0	-3.1	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.3974		10.2	10.0	2.0	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2481		9.90	10.0	-1.0	30.0
Tetrachloroethene	Ave	0.4535	0.4409		9.72	10.0	-2.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4621		10.4	10.0	4.5	30.0
Dibromochloromethane	Ave	0.5245	0.5665		10.8	10.0	8.0	30.0
1,2-Dibromoethane	Ave	0.4671	0.4776		10.2	10.0	2.3	30.0
Chlorobenzene	Ave	0.7371	0.7171		9.73	10.0	-2.7	30.0
Ethylbenzene	Ave	1.229	1.249		10.2	10.0	1.6	30.0
n-Nonane	Ave	0.5480	0.5494		10.0	10.0	0.3	30.0
m,p-Xylene	Ave	0.4831	0.4821		20.0	20.0	-0.2	30.0
Xylene, o-	Ave	0.4608	0.4729		10.3	10.0	2.6	30.0
Styrene	Ave	0.7170	0.7461		10.4	10.0	4.1	30.0
Bromoform	Ave	0.5108	0.5443		10.7	10.0	6.6	30.0
Cumene	Ave	1.336	1.403		10.5	10.0	5.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6831		10.4	10.0	3.7	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5561		10.5	10.0	4.8	30.0
n-Propylbenzene	Ave	1.621	1.718		10.6	10.0	6.0	30.0
n-Decane	Ave	0.6486	0.6800		10.5	10.0	4.8	30.0
4-Ethyltoluene	Ave	1.377	1.479		10.7	10.0	7.4	30.0
2-Chlorotoluene	Ave	1.205	1.293		10.7	10.0	7.4	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.296		11.0	10.0	9.6	30.0
Alpha Methyl Styrene	Ave	0.5529	0.6064		11.0	10.0	9.7	30.0
tert-Butylbenzene	Ave	1.090	1.174		10.8	10.0	7.7	30.0
1,2,4-Trimethylbenzene	Ave	1.138	1.252		11.0	10.0	10.0	30.0
sec-Butylbenzene	Ave	1.604	1.734		10.8	10.0	8.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: CCVIS 200-33356/3 Calibration Date: 02/06/2012 10:54

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknq003.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	1.362	1.487		10.9	10.0	9.2	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.8035		10.3	10.0	3.4	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7917		10.2	10.0	2.4	30.0
Benzyl chloride	Ave	0.8770	1.083		12.4	10.0	23.5	30.0
n-Undecane	Ave	0.6294	0.6145		9.76	10.0	-2.4	30.0
n-Butylbenzene	Ave	1.173	1.331		11.3	10.0	13.5	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.7680		10.4	10.0	4.5	30.0
n-Dodecane	Ave	0.3305	0.3246		9.82	10.0	-1.8	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.4284		10.9	10.0	9.0	30.0
Hexachlorobutadiene	Ave	0.3860	0.4050		10.5	10.0	4.9	30.0
Naphthalene	Ave	0.8764	0.997		11.4	10.0	13.8	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.3456		10.4	10.0	3.7	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknqto15.b/cknq003.d
Lab Smp Id: ccvis 275680
Inj Date : 06-FEB-2012 10:54
Operator : wrd Inst ID: C.i
Smp Info : ccvis 275680
Misc Info : 200,1, ccvis
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.967	4.977	(0.447)	192803	10.0000	9.8
2	Dichlorodifluoromethane	85	5.052	5.057	(0.455)	803932	10.0000	11
3	Chlorodifluoromethane	51	5.095	5.100	(0.459)	394749	10.0000	9.8
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.346	5.351	(0.481)	769821	10.0000	9.6
5	Chloromethane	50	5.506	5.516	(0.496)	211247	10.0000	9.2
6	Butane	43	5.719	5.730	(0.515)	413261	10.0000	9.1
7	Vinyl chloride	62	5.762	5.767	(0.519)	251303	10.0000	9.0
8	1,3-Butadiene	54	5.837	5.847	(0.526)	193854	10.0000	9.0
9	Bromomethane	94	6.504	6.509	(0.586)	228060	10.0000	9.1
10	Chloroethane	64	6.701	6.712	(0.603)	132466	10.0000	8.7
11	2-Methylbutane	43	6.770	6.781	(0.610)	302167	10.0000	8.5
12	Vinyl bromide	106	7.053	7.064	(0.635)	233365	10.0000	9.3
13	Trichlorofluoromethane	101	7.139	7.149	(0.643)	789673	10.0000	10
14	Pentane	43	7.245	7.256	(0.652)	468933	10.0000	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.475	7.485	(0.673)	121788	15.0000	13
	16 Ethyl ether	59	7.646	7.656	(0.689)	186377	10.0000	9.6
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	523192	10.0000	9.8
	18 Acrolein	56	7.961	7.976	(0.717)	89605	10.0000	9.8
	19 1,1-Dichloroethene	96	8.078	8.088	(0.727)	239575	10.0000	9.5
	20 Acetone	43	8.195	8.211	(0.738)	419004	10.0000	11
	21 Carbon disulfide	76	8.478	8.494	(0.764)	719253	10.0000	9.5
	22 Isopropanol	45	8.340	8.350	(0.751)	270049	10.0000	10
	23 Allyl chloride	41	8.676	8.692	(0.781)	372386	10.0000	10(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	158648	10.0000	10(QM)
	25 Methylene chloride	49	8.895	8.910	(0.801)	270313	10.0000	9.4
	26 Tert-butyl alcohol	59	8.959	8.969	(0.807)	415667	10.0000	11
	27 Methyl tert-butyl ether	73	9.215	9.231	(0.830)	809551	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.263	9.279	(0.834)	394316	10.0000	9.8
	29 Acrylonitrile	53	9.316	9.337	(0.839)	170986	10.0000	9.5
	30 n-Hexane	57	9.556	9.572	(0.861)	434786	10.0000	9.4
	31 1,1-Dichloroethane	63	9.930	9.951	(0.894)	493663	10.0000	9.7
	32 Vinyl acetate	43	9.919	9.935	(0.893)	646858	10.0000	9.8
M	33 1,2-Dichloroethene,Total	61				679166	20.0000	19
	34 1,2-Dichloroethene (cis)	96	10.757	10.773	(0.969)	284850	10.0000	9.5
	35 Ethyl acetate	88	10.746	10.762	(0.968)	24405	10.0000	9.4
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.968)	128941	10.0000	9.2
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	233603	10.0000	
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	283622	10.0000	9.5
	39 Chloroform	83	11.152	11.173	(1.004)	626701	10.0000	10
	40 Cyclohexane	84	11.456	11.477	(0.922)	414107	10.0000	9.3
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	735026	10.0000	11
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	770844	10.0000	11
	43 2,2,4-Trimethylpentane	57	11.889	11.904	(0.957)	1420901	10.0000	9.4
	44 Benzene	78	11.937	11.958	(0.960)	903923	10.0000	9.4
	45 1,2-Dichloroethane	62	12.017	12.032	(0.967)	430370	10.0000	10
	46 n-Heptane	43	12.113	12.129	(0.975)	522627	10.0000	9.3
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1348834	10.0000	
	48 n-Butanol	56	12.561	12.582	(1.011)	127766	10.0000	11
	49 Trichloroethene	95	12.796	12.812	(1.030)	429041	10.0000	10
	50 1,2-Dichloropropane	63	13.159	13.180	(1.059)	317294	10.0000	9.6
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	297674	10.0000	9.8
	52 Dibromomethane	174	13.335	13.356	(1.073)	317432	10.0000	9.5
	53 1,4-Dioxane	88	13.287	13.303	(1.069)	112028	10.0000	9.9
	54 Bromodichloromethane	83	13.484	13.505	(1.085)	711444	10.0000	10
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	505783	10.0000	10
	56 Methyl isobutyl ketone	43	14.247	14.269	(1.146)	577277	10.0000	10
	57 n-Octane	43	14.498	14.514	(1.167)	733208	10.0000	9.6
	58 Toluene	92	14.536	14.557	(0.889)	671801	10.0000	9.7
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	535860	10.0000	10
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	309762	10.0000	9.9
	61 Tetrachloroethene	166	15.256	15.272	(0.933)	550530	10.0000	9.7

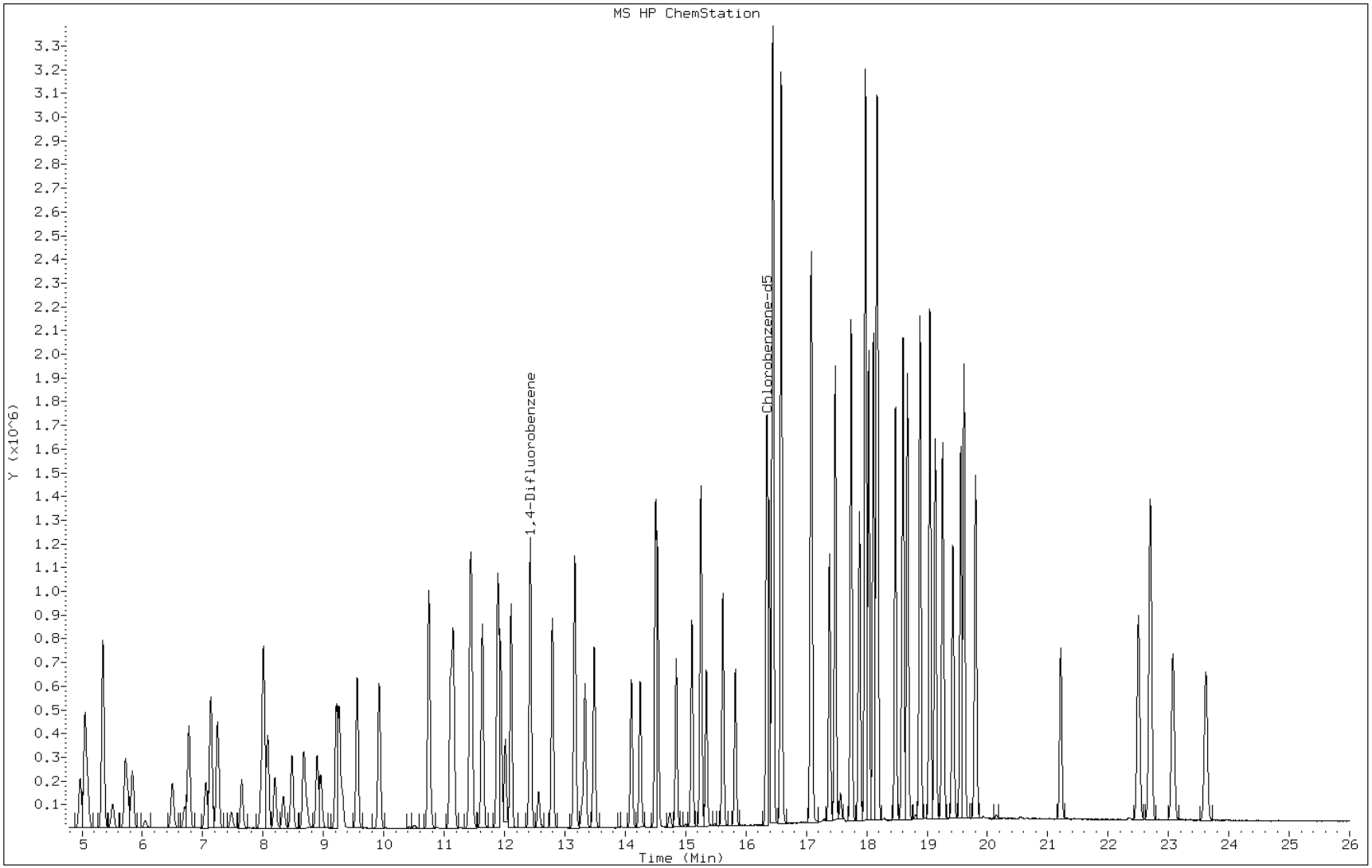
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	15.342	15.363	(0.939)	576945	10.0000	10
63	Dibromochloromethane	129	15.619	15.635	(0.956)	707337	10.0000	11
64	1,2-Dibromoethane	107	15.822	15.838	(0.968)	596366	10.0000	10
* 65	Chlorobenzene-d5	117	16.345	16.366	(1.000)	1248833	10.0000	
66	Chlorobenzene	112	16.382	16.403	(1.002)	895391	10.0000	9.7
67	n-Nonane	57	16.446	16.462	(1.006)	685961	10.0000	10
68	Ethylbenzene	91	16.446	16.462	(1.006)	1559433	10.0000	10
69	Xylene (m,p)	106	16.580	16.601	(1.014)	1203916	20.0000	20
M 70	Xylenes, Total	106				1794326	10.0000	30
71	Xylene (o)	106	17.076	17.092	(1.045)	590410	10.0000	10
72	Styrene	104	17.092	17.113	(1.046)	931627	10.0000	10
73	Bromoform	173	17.380	17.401	(1.063)	679618	10.0000	11
74	Isopropylbenzene	105	17.476	17.497	(1.069)	1752256	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.877	17.898	(1.094)	852873	10.0000	10
76	n-Propylbenzene	91	17.978	17.994	(1.100)	2145236	10.0000	11
77	1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	694340	10.0000	10
78	n-Decane	57	18.031	18.047	(1.103)	849019	10.0000	10
79	4-Ethyltoluene	105	18.111	18.127	(1.108)	1846040	10.0000	11
80	2-Chlorotoluene	91	18.165	18.181	(1.111)	1614887	10.0000	11
81	1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1618686	10.0000	11
82	Alpha Methyl Styrene	118	18.480	18.495	(1.131)	757135	10.0000	11
83	tert-butylbenzene	119	18.602	18.618	(1.138)	1465914	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1563112	10.0000	11
85	sec-Butylbenzene	105	18.885	18.901	(1.155)	2165077	10.0000	11
86	4-Isopropyltoluene	119	19.051	19.066	(1.166)	1857144	10.0000	11
87	1,3-Dichlorobenzene	146	19.136	19.157	(1.171)	1003251	10.0000	10
88	1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	988470	10.0000	10
89	Benzyl chloride	91	19.424	19.445	(1.188)	1352695	10.0000	12
90	Undecane	57	19.558	19.573	(1.197)	767282	10.0000	9.8
91	n-Butylbenzene	91	19.611	19.632	(1.200)	1661578	10.0000	11
92	1,2-Dichlorobenzene	146	19.809	19.830	(1.212)	958871	10.0000	10
93	Dodecane	57	21.217	21.239	(1.298)	405304	10.0000	9.8
94	1,2,4-Trichlorobenzene	180	22.504	22.535	(1.377)	534890	10.0000	11
95	1,3-Hexachlorobutadiene	225	22.701	22.733	(1.389)	505726	10.0000	10
96	Naphthalene	128	23.069	23.107	(1.411)	1245175	10.0000	11
97	1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	431488	10.0000	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: cknq003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 275680
Lab Sample ID: ccvis 275680

Date: 06-FEB-2012 10:54
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: cknq003.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 06-FEB-2012 10:54
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 02/08/2012

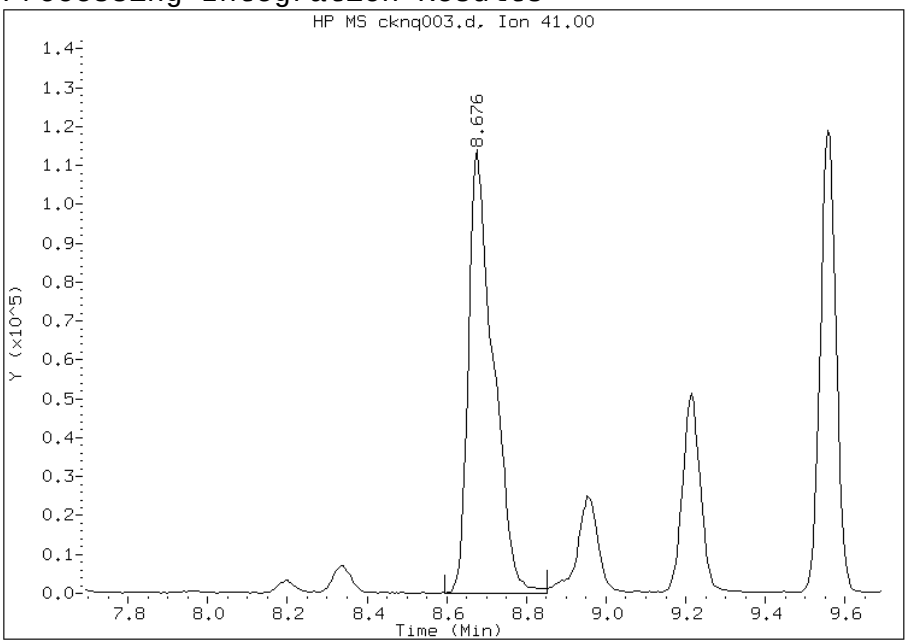
Processing Integration Results

RT: 8.68

Response: 492713

Amount: 31.16

Conc: 31.16



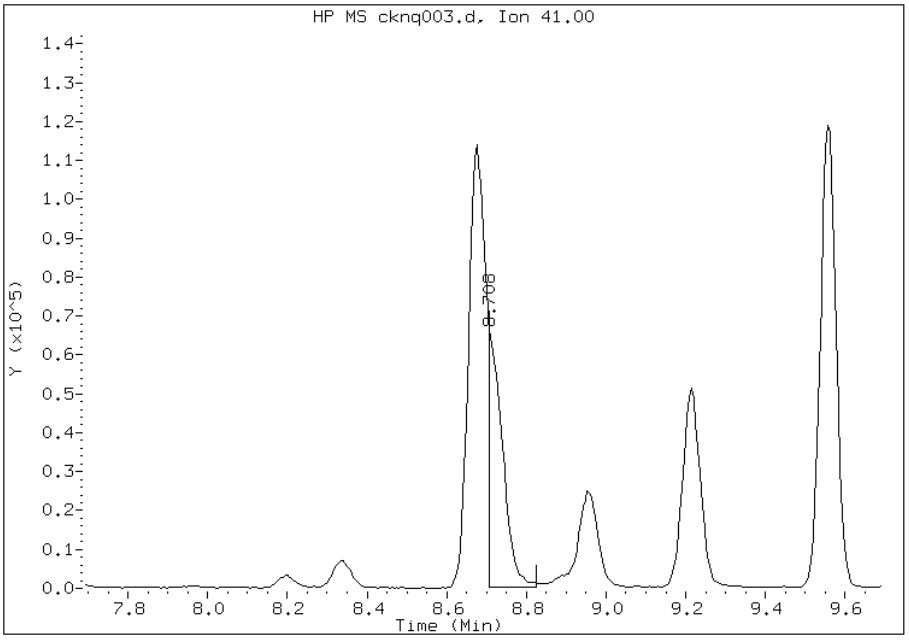
Manual Integration Results

RT: 8.71

Response: 158648

Amount: 10.03

Conc: 10.03



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknq003.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 06-FEB-2012 10:54
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

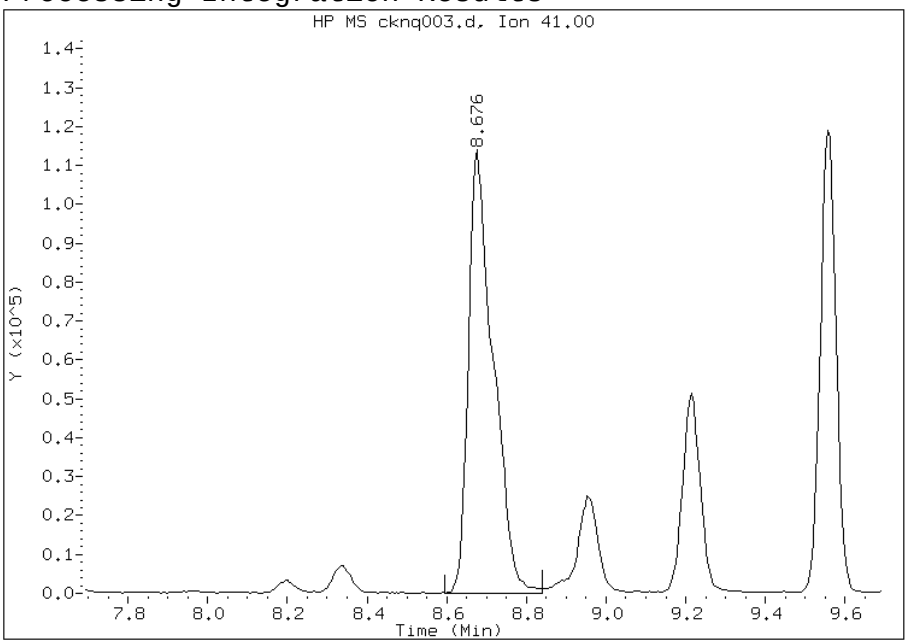
Processing Integration Results

RT: 8.68

Response: 491909

Amount: 13.19

Conc: 13.19



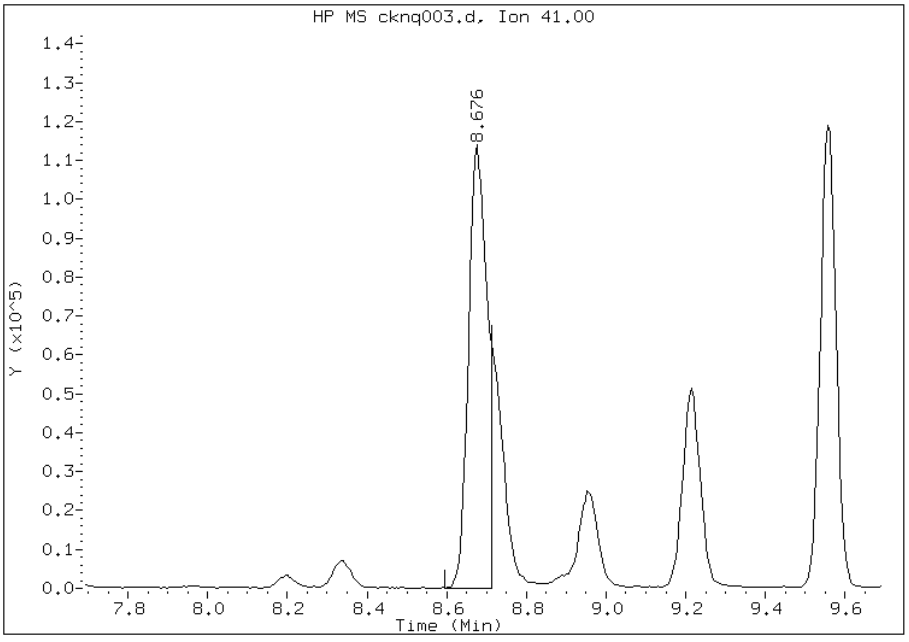
Manual Integration Results

RT: 8.68

Response: 372386

Amount: 9.98

Conc: 9.98



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: CCVIS 200-33381/2 Calibration Date: 02/07/2012 11:23

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 275680

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8452	0.8733		10.3	10.0	3.3	30.0
Dichlorodifluoromethane	Ave	3.226	3.628		11.2	10.0	12.5	30.0
Freon 22	Ave	1.731	1.813		10.5	10.0	4.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.555		10.4	10.0	3.9	30.0
Chloromethane	Ave	0.9778	0.9679		9.90	10.0	-1.0	30.0
n-Butane	Ave	1.947	1.865		9.57	10.0	-4.3	30.0
Vinyl chloride	Ave	1.190	1.145		9.62	10.0	-3.8	30.0
1,3-Butadiene	Ave	0.9269	0.8796		9.49	10.0	-5.1	30.0
Bromomethane	Ave	1.076	1.013		9.41	10.0	-5.9	30.0
Chloroethane	Ave	0.6498	0.5916		9.10	10.0	-9.0	30.0
Isopentane	Ave	1.529	1.329		8.69	10.0	-13.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	1.038		9.62	10.0	-3.8	30.0
Trichlorofluoromethane	Ave	3.268	3.656		11.2	10.0	11.9	30.0
n-Pentane	Ave	2.209	2.069		9.37	10.0	-6.3	30.0
Ethanol	Ave	0.3924	0.3490		13.3	15.0	-11.1	30.0
Ethyl ether	Ave	0.8319	0.8306		9.98	10.0	-0.2	30.0
Acrolein	Ave	0.3902	0.3904		10.0	10.0	0.0	30.0
Freon TF	Ave	2.278	2.296		10.1	10.0	0.8	30.0
1,1-Dichloroethene	Ave	1.076	1.050		9.76	10.0	-2.3	30.0
Acetone	Ave	1.631	1.812		11.1	10.0	11.1	30.0
Isopropyl alcohol	Ave	1.119	1.131		10.1	10.0	1.1	30.0
Carbon disulfide	Ave	3.237	3.157		9.75	10.0	-2.5	30.0
3-Chloropropene	Ave	1.597	1.574		9.85	10.0	-1.4	30.0
Acetonitrile	Ave	0.6769	0.6956		10.3	10.0	2.8	30.0
Methylene Chloride	Ave	1.226	1.209		9.86	10.0	-1.4	30.0
tert-Butyl alcohol	Ave	1.663	1.707		10.3	10.0	2.6	30.0
Methyl tert-butyl ether	Ave	3.420	3.611		10.6	10.0	5.6	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.755		10.2	10.0	1.7	30.0
Acrylonitrile	Ave	0.7730	0.7644		9.89	10.0	-1.1	30.0
n-Hexane	Ave	1.990	1.905		9.57	10.0	-4.3	30.0
Vinyl acetate	Ave	2.832	2.925		10.3	10.0	3.3	30.0
1,1-Dichloroethane	Ave	2.172	2.198		10.1	10.0	1.2	30.0
Ethyl acetate	Ave	0.1111	0.1091		9.82	10.0	-1.7	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5682		9.50	10.0	-4.9	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.247		9.76	10.0	-2.4	30.0
Tetrahydrofuran	Ave	0.2217	0.2186		9.86	10.0	-1.4	30.0
Chloroform	Ave	2.620	2.787		10.6	10.0	6.4	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5748		11.2	10.0	12.3	30.0
Cyclohexane	Ave	0.3285	0.3143		9.57	10.0	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: CCVIS 200-33381/2 Calibration Date: 02/07/2012 11:23

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 275680

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5212	0.6091		11.7	10.0	16.9	30.0
2,2,4-Trimethylpentane	Ave	1.118	1.066		9.53	10.0	-4.7	30.0
Benzene	Ave	0.7127	0.6687		9.38	10.0	-6.2	30.0
1,2-Dichloroethane	Ave	0.3068	0.3392		11.1	10.0	10.6	30.0
n-Heptane	Ave	0.4147	0.4016		9.68	10.0	-3.2	30.0
n-Butanol	Ave	0.0848	0.0830		9.78	10.0	-2.1	30.0
Trichloroethene	Ave	0.3193	0.3196		10.0	10.0	0.0	30.0
1,2-Dichloropropane	Ave	0.2438	0.2401		9.85	10.0	-1.5	30.0
Methyl methacrylate	Ave	0.2263	0.2292		10.1	10.0	1.3	30.0
1,4-Dioxane	Ave	0.0840	0.0849		10.1	10.0	1.1	30.0
Dibromomethane	Ave	0.2489	0.2419		9.71	10.0	-2.8	30.0
Bromodichloromethane	Ave	0.5035	0.5578		11.1	10.0	10.8	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3960		10.5	10.0	5.1	30.0
methyl isobutyl ketone	Ave	0.4284	0.4632		10.8	10.0	8.1	30.0
n-Octane	Ave	0.5655	0.5723		10.1	10.0	1.2	30.0
Toluene	Ave	0.5552	0.5142		9.26	10.0	-7.4	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.4311		11.1	10.0	10.7	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2410		9.62	10.0	-3.8	30.0
Tetrachloroethene	Ave	0.4535	0.4160		9.17	10.0	-8.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4564		10.3	10.0	3.2	30.0
Dibromochloromethane	Ave	0.5245	0.5590		10.7	10.0	6.6	30.0
1,2-Dibromoethane	Ave	0.4671	0.4667		9.99	10.0	-0.0	30.0
Chlorobenzene	Ave	0.7371	0.7041		9.55	10.0	-4.5	30.0
Ethylbenzene	Ave	1.229	1.226		9.98	10.0	-0.2	30.0
n-Nonane	Ave	0.5480	0.5328		9.72	10.0	-2.8	30.0
m,p-Xylene	Ave	0.4831	0.4693		19.4	20.0	-2.9	30.0
Xylene, o-	Ave	0.4608	0.4574		9.92	10.0	-0.7	30.0
Styrene	Ave	0.7170	0.7184		10.0	10.0	0.2	30.0
Bromoform	Ave	0.5108	0.5325		10.4	10.0	4.3	30.0
Cumene	Ave	1.336	1.390		10.4	10.0	4.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6594		10.0	10.0	0.1	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5489		10.3	10.0	3.5	30.0
n-Propylbenzene	Ave	1.621	1.698		10.5	10.0	4.7	30.0
n-Decane	Ave	0.6486	0.6776		10.4	10.0	4.5	30.0
4-Ethyltoluene	Ave	1.377	1.463		10.6	10.0	6.2	30.0
2-Chlorotoluene	Ave	1.205	1.269		10.5	10.0	5.3	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.276		10.8	10.0	7.8	30.0
Alpha Methyl Styrene	Ave	0.5529	0.5968		10.8	10.0	7.9	30.0
tert-Butylbenzene	Ave	1.090	1.174		10.8	10.0	7.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Lab Sample ID: CCVIS 200-33381/2 Calibration Date: 02/07/2012 11:23

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 275680

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.138	1.260		11.1	10.0	10.7	30.0
sec-Butylbenzene	Ave	1.604	1.725		10.8	10.0	7.5	30.0
4-Isopropyltoluene	Ave	1.362	1.476		10.8	10.0	8.4	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.7815		10.1	10.0	0.5	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7740		10.0	10.0	0.2	30.0
Benzyl chloride	Ave	0.8770	1.087		12.4	10.0	23.9	30.0
n-Undecane	Ave	0.6294	0.6533		10.4	10.0	3.8	30.0
n-Butylbenzene	Ave	1.173	1.316		11.2	10.0	12.2	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.7497		10.2	10.0	2.0	30.0
n-Dodecane	Ave	0.3305	0.2723		8.24	10.0	-17.6	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.3895		9.91	10.0	-0.9	30.0
Hexachlorobutadiene	Ave	0.3860	0.3812		9.87	10.0	-1.2	30.0
Naphthalene	Ave	0.8764	0.9099		10.4	10.0	3.8	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.3234		9.70	10.0	-3.0	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknrto15.b/cknr002.d
Lab Smp Id: ccvis 275680 Client Smp ID: ccvis 275680
Inj Date : 07-FEB-2012 11:23
Operator : wrd Inst ID: C.i
Smp Info : ccvis 275680
Misc Info : 200,1, ccvis
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.966	4.977	(0.447)	181709	10.0000	10
2	Dichlorodifluoromethane	85	5.052	5.057	(0.455)	754890	10.0000	11
3	Chlorodifluoromethane	51	5.094	5.100	(0.459)	377278	10.0000	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.345	5.351	(0.481)	739658	10.0000	10
5	Chloromethane	50	5.505	5.516	(0.496)	201393	10.0000	9.9
6	Butane	43	5.719	5.730	(0.515)	387976	10.0000	9.6
7	Vinyl chloride	62	5.762	5.767	(0.519)	238193	10.0000	9.6
8	1,3-Butadiene	54	5.836	5.847	(0.526)	183022	10.0000	9.5
9	Bromomethane	94	6.498	6.509	(0.585)	210664	10.0000	9.4
10	Chloroethane	64	6.696	6.712	(0.603)	123091	10.0000	9.1
11	2-Methylbutane	43	6.770	6.781	(0.610)	276568	10.0000	8.7
12	Vinyl bromide	106	7.053	7.064	(0.635)	215871	10.0000	9.6
13	Trichlorofluoromethane	101	7.133	7.149	(0.642)	760697	10.0000	11
14	Pentane	43	7.251	7.256	(0.653)	430566	10.0000	9.4

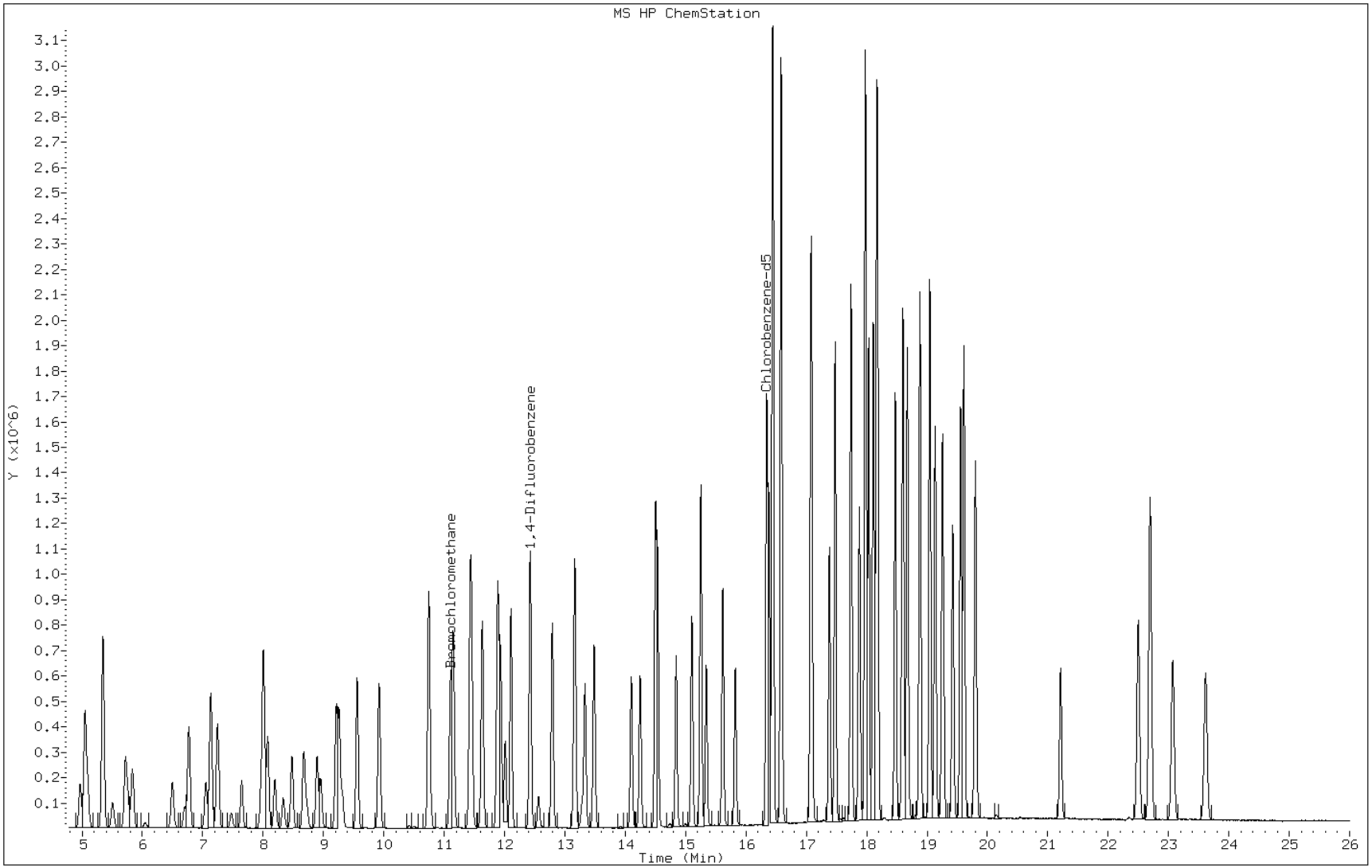
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.469	7.485	(0.673)	108970	15.0000	13
	16 Ethyl ether	59	7.646	7.656	(0.689)	172827	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	477656	10.0000	10
	18 Acrolein	56	7.960	7.976	(0.717)	81223	10.0000	10
	19 1,1-Dichloroethene	96	8.078	8.088	(0.727)	218543	10.0000	9.8
	20 Acetone	43	8.195	8.211	(0.738)	377083	10.0000	11
	21 Carbon disulfide	76	8.478	8.494	(0.764)	656949	10.0000	9.8
	22 Isopropanol	45	8.334	8.350	(0.751)	235420	10.0000	10
	23 Allyl chloride	41	8.676	8.692	(0.781)	327408	10.0000	9.9(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	144738	10.0000	10(QM)
	25 Methylene chloride	49	8.889	8.910	(0.801)	251458	10.0000	9.9
	26 Tert-butyl alcohol	59	8.953	8.969	(0.806)	355140	10.0000	10
	27 Methyl tert-butyl ether	73	9.215	9.231	(0.830)	751247	10.0000	11
	28 1,2-Dichloroethene (trans)	61	9.263	9.279	(0.834)	365187	10.0000	10
	29 Acrylonitrile	53	9.316	9.337	(0.839)	159041	10.0000	9.9
	30 n-Hexane	57	9.556	9.572	(0.861)	396369	10.0000	9.6
	31 1,1-Dichloroethane	63	9.930	9.951	(0.894)	457239	10.0000	10
	32 Vinyl acetate	43	9.914	9.935	(0.893)	608531	10.0000	10
M	33 1,2-Dichloroethene,Total	61				624647	20.0000	20
	34 1,2-Dichloroethene (cis)	96	10.757	10.773	(0.969)	259460	10.0000	9.8
	35 Ethyl acetate	88	10.746	10.762	(0.968)	22705	10.0000	9.8
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.968)	118216	10.0000	9.5(Q)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	208104	10.0000	
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	263075	10.0000	9.9
	39 Chloroform	83	11.157	11.173	(1.005)	579771	10.0000	11
	40 Cyclohexane	84	11.456	11.477	(0.922)	378258	10.0000	9.6
	41 1,1,1-Trichloroethane	97	11.429	11.451	(0.920)	691660	10.0000	11
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	732904	10.0000	12
	43 2,2,4-Trimethylpentane	57	11.888	11.904	(0.957)	1282712	10.0000	9.5
	44 Benzene	78	11.936	11.958	(0.960)	804613	10.0000	9.4
	45 1,2-Dichloroethane	62	12.016	12.032	(0.967)	408223	10.0000	11
	46 n-Heptane	43	12.107	12.129	(0.974)	483238	10.0000	9.7
*	47 1,4-Difluorobenzene	114	12.427	12.443	(1.000)	1203563	10.0000	
	48 n-Butanol	56	12.561	12.582	(1.011)	99922	10.0000	9.8
	49 Trichloroethene	95	12.790	12.812	(1.029)	384529	10.0000	10
	50 1,2-Dichloropropane	63	13.159	13.180	(1.059)	288964	10.0000	9.8
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	275769	10.0000	10
	52 Dibromomethane	174	13.335	13.356	(1.073)	291040	10.0000	9.7
	53 1,4-Dioxane	88	13.281	13.303	(1.069)	102174	10.0000	10
	54 Bromodichloromethane	83	13.484	13.505	(1.085)	671205	10.0000	11
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	476553	10.0000	11
	56 Methyl isobutyl ketone	43	14.247	14.269	(1.146)	557343	10.0000	11
	57 n-Octane	43	14.498	14.514	(1.167)	688614	10.0000	10
	58 Toluene	92	14.535	14.557	(0.889)	624528	10.0000	9.3
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	518763	10.0000	11
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	292679	10.0000	9.6
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	505270	10.0000	9.2

	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	15.341	15.363	(0.939)	554328	10.0000	10
63	Dibromochloromethane	129	15.619	15.635	(0.956)	678966	10.0000	11
64	1,2-Dibromoethane	107	15.822	15.838	(0.968)	566806	10.0000	10
* 65	Chlorobenzene-d5	117	16.345	16.366	(1.000)	1214820	10.0000	
66	Chlorobenzene	112	16.382	16.403	(1.002)	855125	10.0000	9.5
67	n-Nonane	57	16.446	16.462	(1.006)	647178	10.0000	9.7
68	Ethylbenzene	91	16.441	16.462	(1.006)	1489569	10.0000	10
69	Xylene (m,p)	106	16.579	16.601	(1.014)	1140082	20.0000	19
M 70	Xylenes, Total	106				1695679	10.0000	29
71	Xylene (o)	106	17.076	17.092	(1.045)	555597	10.0000	9.9
72	Styrene	104	17.092	17.113	(1.046)	872579	10.0000	10
73	Bromoform	173	17.380	17.401	(1.063)	646777	10.0000	10
74	Isopropylbenzene	105	17.476	17.497	(1.069)	1688433	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.876	17.898	(1.094)	800942	10.0000	10
76	n-Propylbenzene	91	17.978	17.994	(1.100)	2061848	10.0000	10
77	1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	666723	10.0000	10
78	n-Decane	57	18.031	18.047	(1.103)	822977	10.0000	10
79	4-Ethyltoluene	105	18.106	18.127	(1.108)	1776393	10.0000	11
80	2-Chlorotoluene	91	18.159	18.181	(1.111)	1541062	10.0000	11
81	1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1549399	10.0000	11
82	Alpha Methyl Styrene	118	18.474	18.495	(1.130)	724913	10.0000	11
83	tert-butylbenzene	119	18.597	18.618	(1.138)	1426101	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1530757	10.0000	11
85	sec-Butylbenzene	105	18.880	18.901	(1.155)	2095594	10.0000	11
86	4-Isopropyltoluene	119	19.045	19.066	(1.165)	1792783	10.0000	11
87	1,3-Dichlorobenzene	146	19.136	19.157	(1.171)	949191	10.0000	10
88	1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	940059	10.0000	10
89	Benzyl chloride	91	19.424	19.445	(1.188)	1319769	10.0000	12
90	Undecane	57	19.552	19.573	(1.196)	793424	10.0000	10
91	n-Butylbenzene	91	19.611	19.632	(1.200)	1598973	10.0000	11
92	1,2-Dichlorobenzene	146	19.803	19.830	(1.212)	910609	10.0000	10
93	Dodecane	57	21.212	21.239	(1.298)	330744	10.0000	8.2
94	1,2,4-Trichlorobenzene	180	22.503	22.535	(1.377)	473050	10.0000	9.9
95	1,3-Hexachlorobutadiene	225	22.696	22.733	(1.389)	462956	10.0000	9.9
96	Naphthalene	128	23.069	23.107	(1.411)	1105170	10.0000	10
97	1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	392760	10.0000	9.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cknr002.d	Date:	07-FEB-2012 11:23
Client ID:	ccvis 275680	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 275680		
Lab Sample ID:	ccvis 275680		



Manual Integration Report

Data File: cknr002.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 07-FEB-2012 11:23
Instrument ID: C.i
Client ID: ccvis 275680
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 02/08/2012

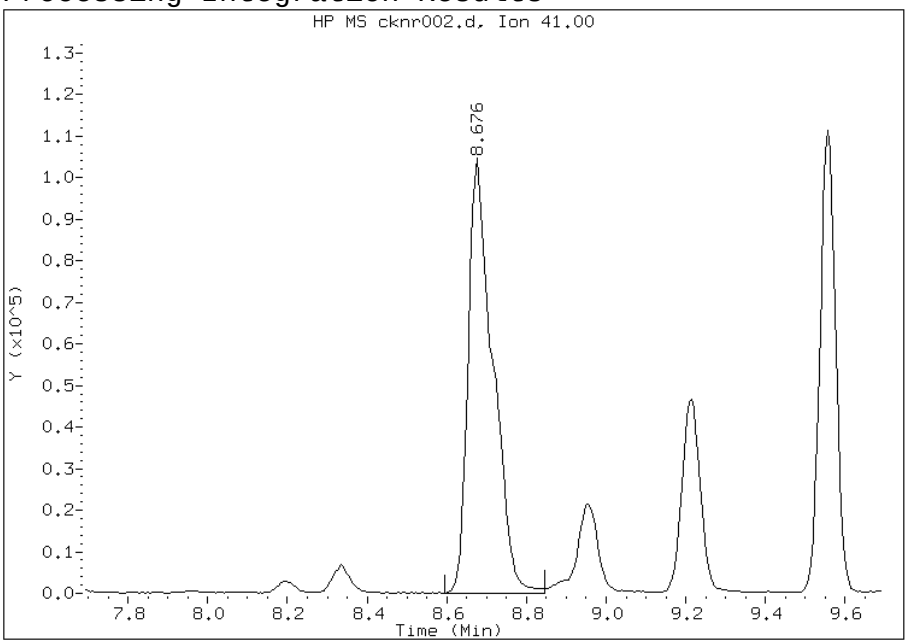
Processing Integration Results

RT: 8.68

Response: 451287

Amount: 32.04

Conc: 32.04



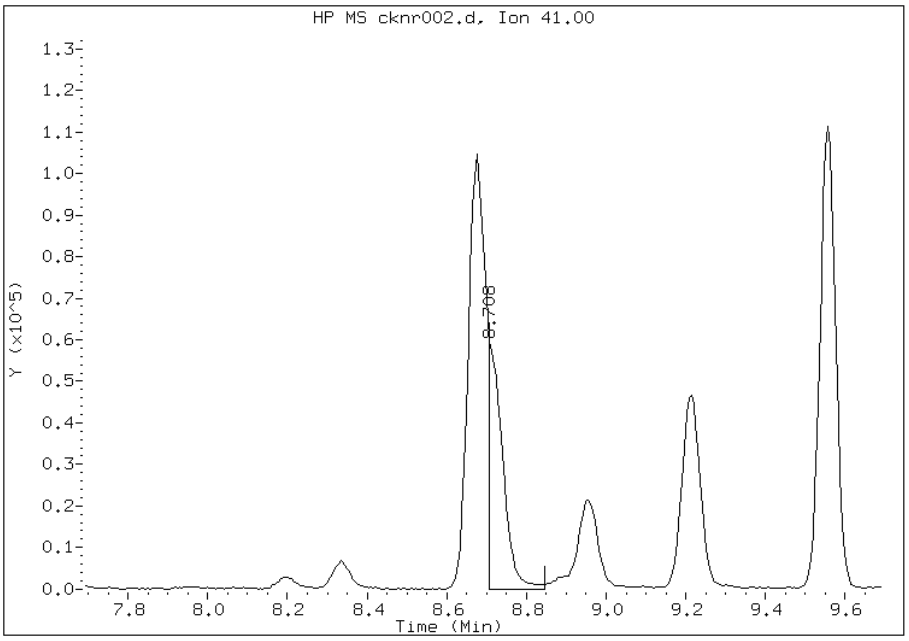
Manual Integration Results

RT: 8.71

Response: 144738

Amount: 10.28

Conc: 10.28



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

Manual Integration Report

Data File: cknr002.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 07-FEB-2012 11:23
Instrument ID: C.i
Client ID: ccvis 275680
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

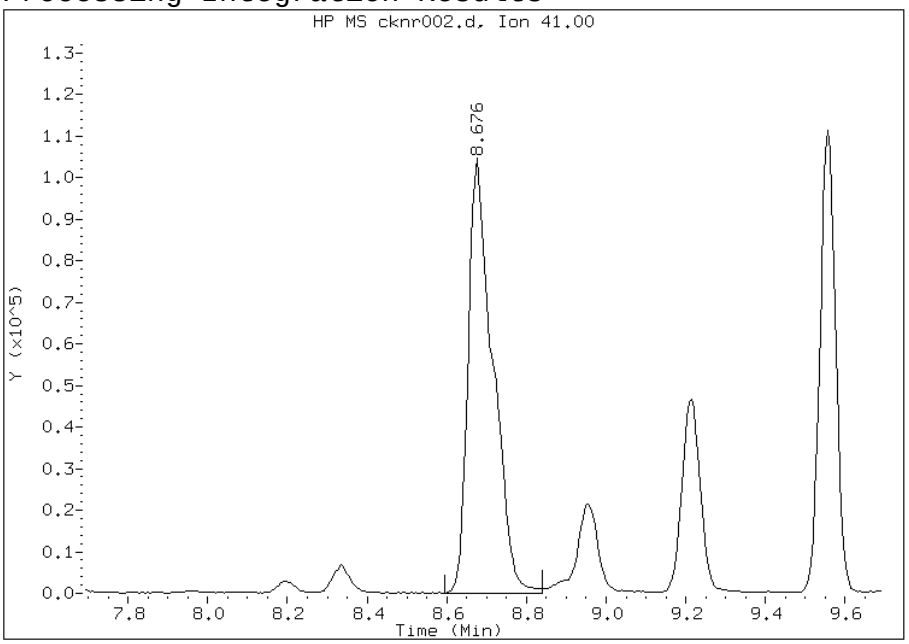
Processing Integration Results

RT: 8.68

Response: 450917

Amount: 13.57

Conc: 13.57



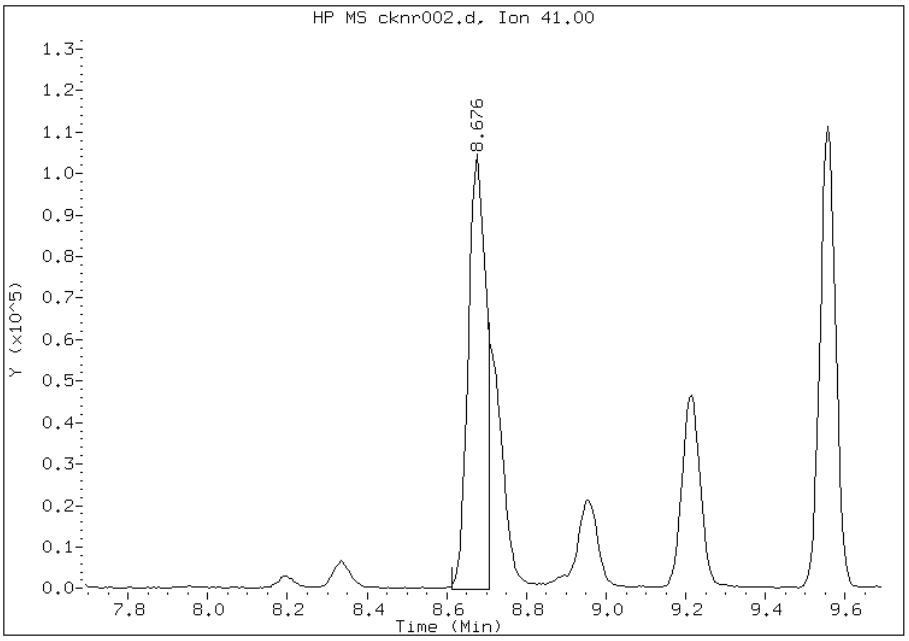
Manual Integration Results

RT: 8.68

Response: 327408

Amount: 9.85

Conc: 9.85



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-JAN-2012 15:51
Operator : pad Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknto15.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

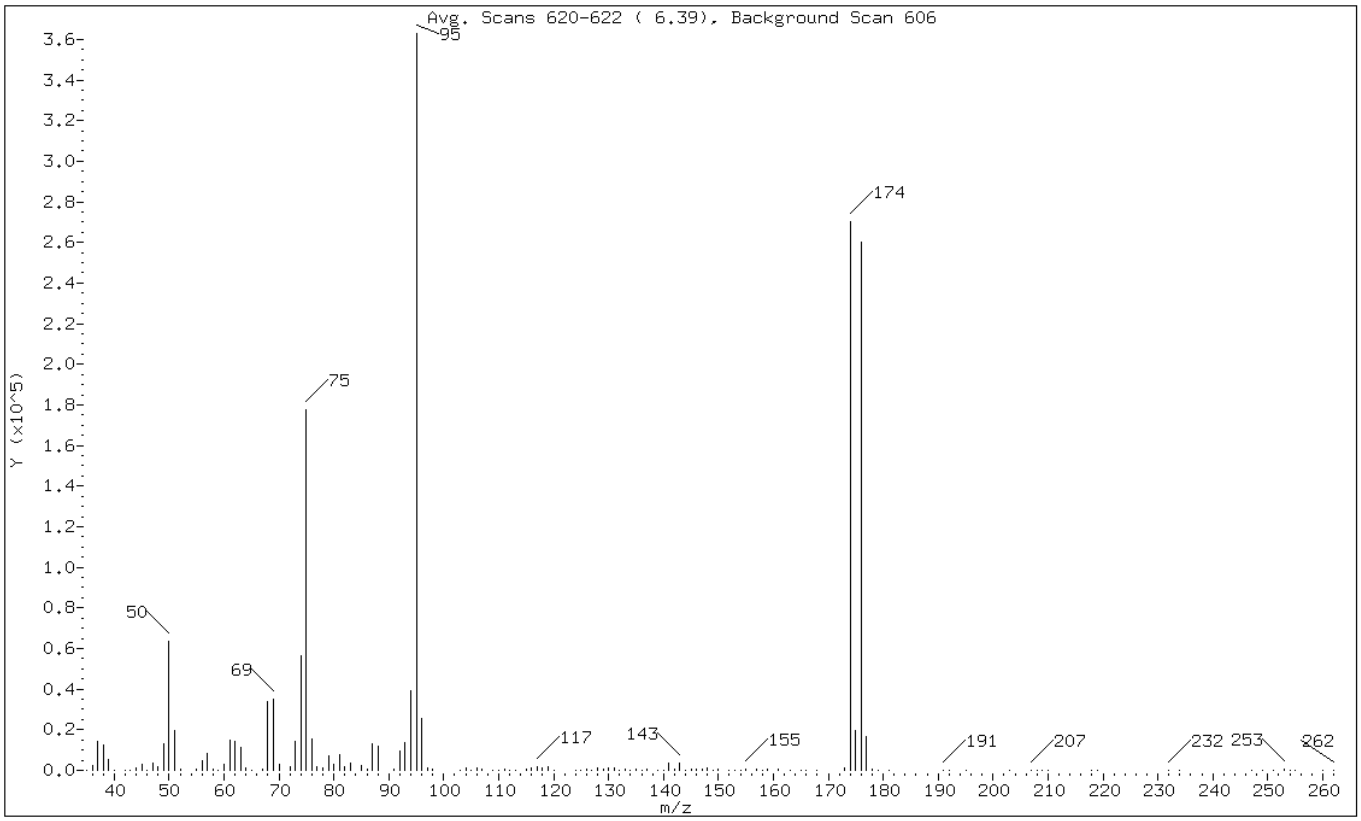
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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		
6.394	6.760	-0.366	95	362880			100.00- 100.00	100.00
6.394	6.760	-0.366	50	63274			8.00- 40.00	17.44
6.394	6.760	-0.366	75	177428			30.00- 66.00	48.89
6.394	6.760	-0.366	96	25599			5.00- 9.00	7.05
6.394	6.760	-0.366	173	1386			0.00- 2.00	0.51
6.394	6.760	-0.366	174	270016			50.00- 120.00	74.41
6.394	6.760	-0.366	175	19546			4.00- 9.00	7.24
6.394	6.760	-0.366	176	260096			93.00- 101.00	96.33
6.394	6.760	-0.366	177	16907			5.00- 9.00	6.50

Data File: ckn001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 12-JAN-2012 15:51
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	17.44
75	30.00 - 66.00% of mass 95	48.89
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	0.38 (0.51)
174	50.00 - 120.00% of mass 95	74.41
175	4.00 - 9.00% of mass 174	5.39 (7.24)
176	93.00 - 101.00% of mass 174	71.68 (96.33)
177	5.00 - 9.00% of mass 176	4.66 (6.50)

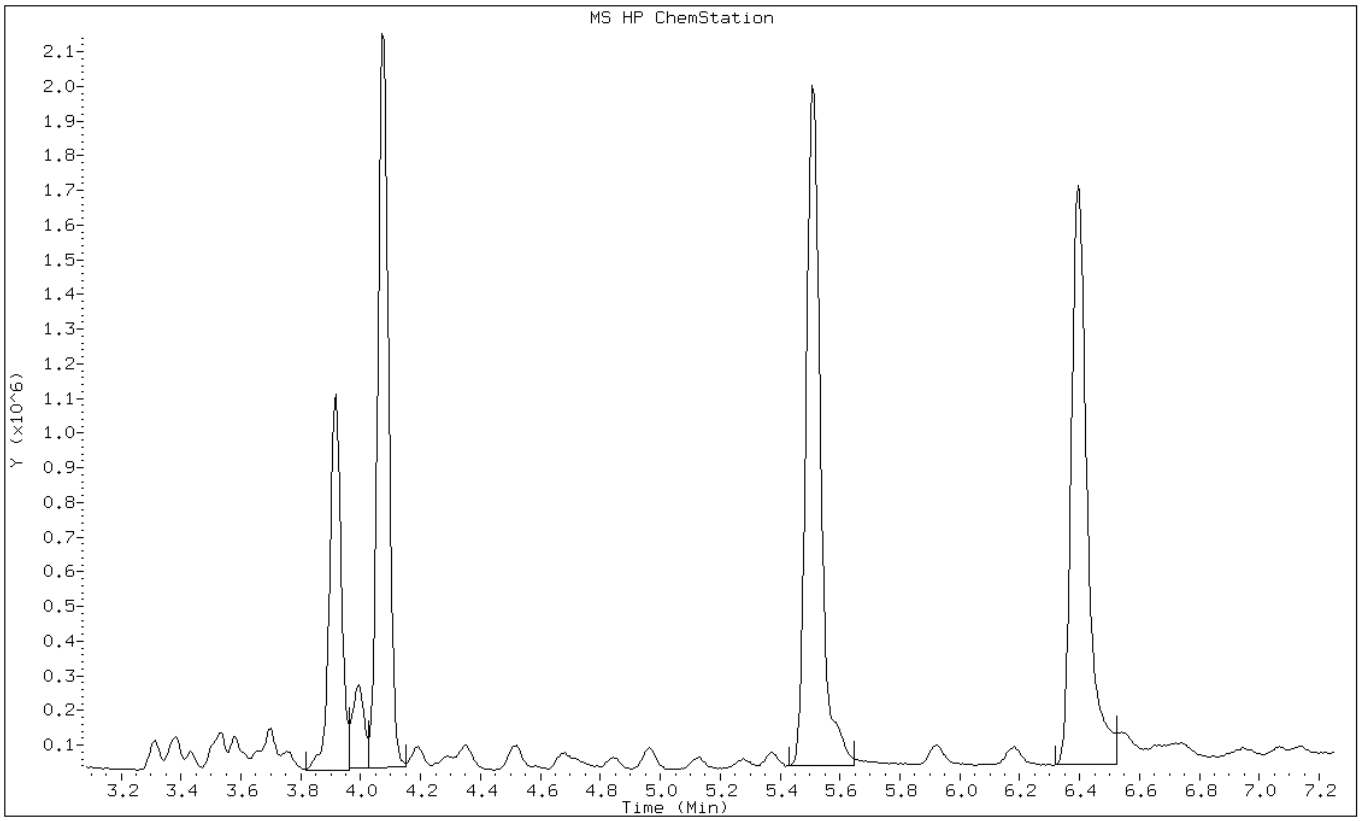
Data File: ckn001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-JAN-2012 15:51
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknto15.b/ckn001.d
Spectrum: Avg. Scans 620-622 (6.39), Background Scan 606
Location of Maximum: 95.00
Number of points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	87	75.00	177408	119.00	1645	161.00	621
36.00	2535	76.00	15421	120.00	3	163.00	15
37.00	14386	77.00	1565	124.00	229	165.00	79
38.00	12366	78.00	1021	125.00	249	166.00	282
39.00	5390	79.00	7383	126.00	344	168.00	214
40.00	151	80.00	2682	127.00	216	173.00	1386
42.00	83	81.00	7597	128.00	1270	174.00	270016
43.00	35	82.00	1895	129.00	554	175.00	19544
44.00	1352	83.00	3822	130.00	1313	176.00	260096
45.00	2744	85.00	2298	131.00	959	177.00	16904
46.00	89	86.00	342	132.00	267	178.00	444
47.00	3846	87.00	13057	133.00	386	179.00	43
48.00	1753	88.00	12040	134.00	107	181.00	68
49.00	12838	91.00	783	135.00	545	191.00	156
50.00	63272	92.00	9348	136.00	257	192.00	100
51.00	19672	93.00	13859	137.00	650	195.00	84
52.00	735	94.00	39200	139.00	91	203.00	137
55.00	766	95.00	362880	140.00	161	207.00	278
56.00	4456	96.00	25592	141.00	3312	208.00	254
57.00	8402	97.00	990	142.00	413	209.00	116
58.00	353	98.00	346	143.00	3481	210.00	71
59.00	66	103.00	93	144.00	86	218.00	90
60.00	3055	104.00	1420	145.00	396	219.00	87
61.00	14895	105.00	292	146.00	552	232.00	72
62.00	14512	106.00	1279	147.00	371	234.00	70
63.00	11135	107.00	417	148.00	954	247.00	165
64.00	1049	109.00	86	149.00	221	249.00	51
65.00	69	110.00	218	150.00	410	251.00	249
67.00	841	111.00	300	152.00	74	253.00	514
68.00	33704	112.00	149	153.00	159	254.00	103
69.00	34984	113.00	261	154.00	145	255.00	34
70.00	2679	115.00	323	155.00	838	260.00	163
72.00	1609	116.00	1182	157.00	621	262.00	15
73.00	13966	117.00	1688	158.00	66		
74.00	56352	118.00	1065	159.00	406		

Data File:	ckn001.d	Date:	12-JAN-2012 15:51
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/cknqto15.b/cknq001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 06-FEB-2012 09:06
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.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

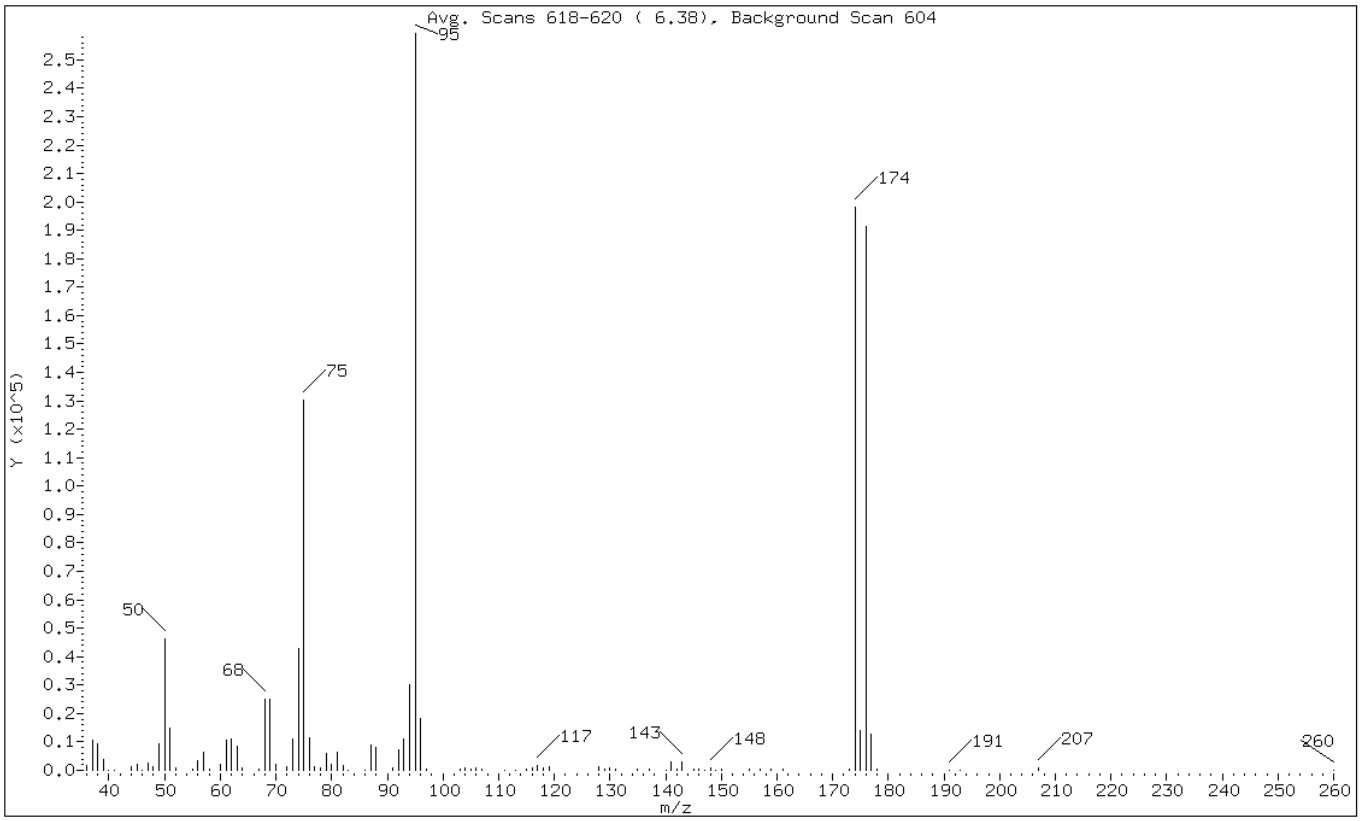
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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		
6.383	6.760	-0.377	95	259306			100.00- 100.00	100.00
6.383	6.760	-0.377	50	46197			8.00- 40.00	17.82
6.383	6.760	-0.377	75	130333			30.00- 66.00	50.26
6.383	6.760	-0.377	96	18245			5.00- 9.00	7.04
6.383	6.760	-0.377	173	328			0.00- 2.00	0.17
6.383	6.760	-0.377	174	198144			50.00- 120.00	76.41
6.383	6.760	-0.377	175	14019			4.00- 9.00	7.08
6.383	6.760	-0.377	176	191317			93.00- 101.00	96.55
6.383	6.760	-0.377	177	12556			5.00- 9.00	6.56

Data File:	cknq001.d	Date:	06-FEB-2012 09:06
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	17.82
75	30.00 - 66.00% of mass 95	50.26
96	5.00 - 9.00% of mass 95	7.04
173	Less than 2.00% of mass 174	0.13 (0.17)
174	50.00 - 120.00% of mass 95	76.41
175	4.00 - 9.00% of mass 174	5.41 (7.08)
176	93.00 - 101.00% of mass 174	73.78 (96.55)
177	5.00 - 9.00% of mass 176	4.84 (6.56)

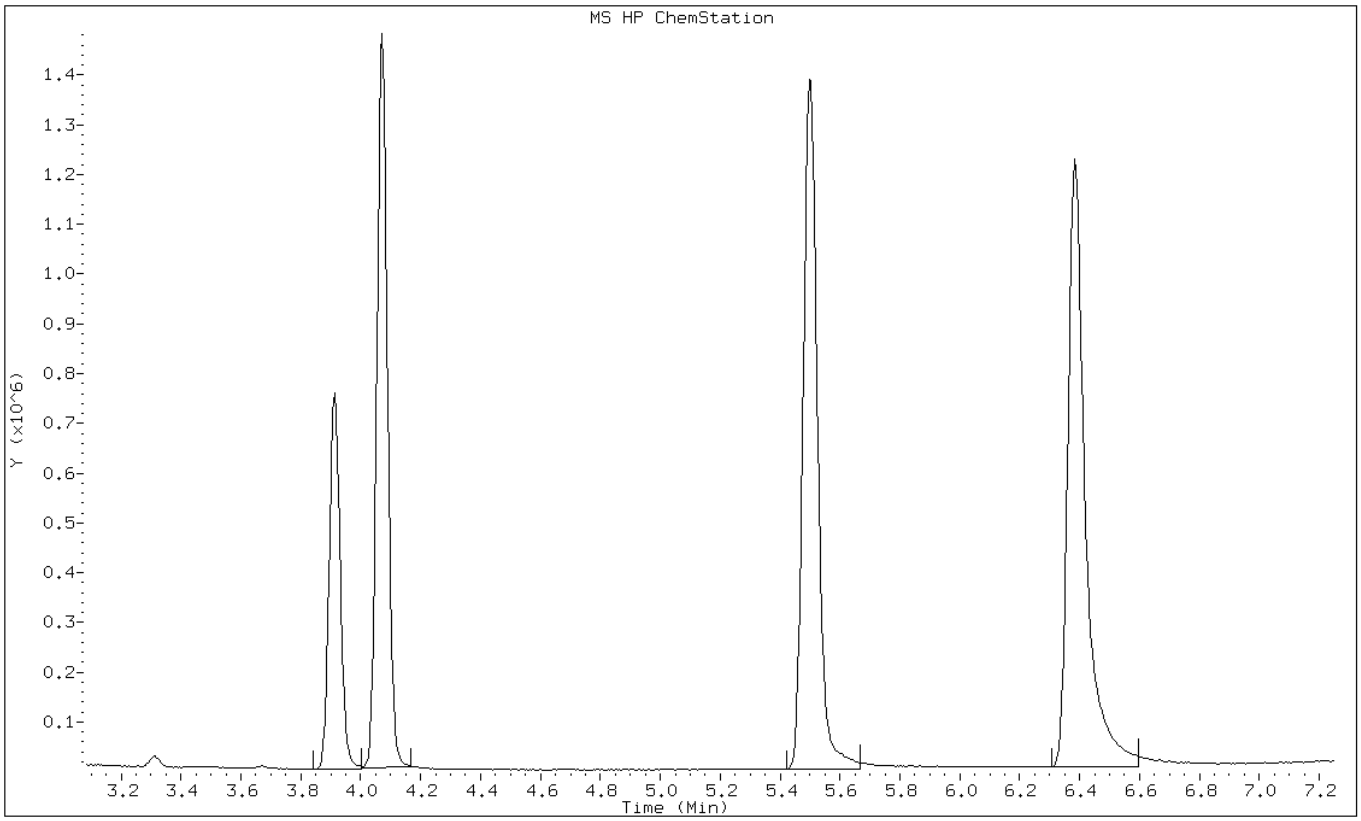
Data File: cknq001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 06-FEB-2012 09:06
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknqto15.b/cknq001.d
Spectrum: Avg. Scans 618-620 (6.38), Background Scan 604
Location of Maximum: 95.00
Number of points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1846	67.00	528	96.00	18240	145.00	288
37.00	10558	68.00	24960	97.00	633	146.00	393
38.00	9351	69.00	24952	103.00	241	147.00	97
39.00	3793	70.00	2047	104.00	982	148.00	719
40.00	142	72.00	1078	105.00	423	149.00	176
41.00	156	73.00	10837	106.00	992	150.00	282
44.00	1404	74.00	42808	107.00	283	155.00	619
45.00	1959	75.00	130328	111.00	211	157.00	491
46.00	70	76.00	11617	113.00	101	159.00	355
47.00	2610	77.00	1386	115.00	362	161.00	411
48.00	1216	78.00	849	116.00	979	173.00	328
49.00	9341	79.00	6076	117.00	1649	174.00	198144
50.00	46192	80.00	2169	118.00	1040	175.00	14019
51.00	14741	81.00	6455	119.00	1305	176.00	191296
52.00	759	82.00	1526	128.00	1075	177.00	12556
55.00	620	83.00	70	129.00	437	178.00	439
56.00	3269	86.00	157	130.00	1024	191.00	106
57.00	6283	87.00	9059	131.00	413	193.00	98
58.00	303	88.00	8221	135.00	508	207.00	992
60.00	1935	91.00	718	137.00	506	260.00	62
61.00	10654	92.00	7323	140.00	137		
62.00	10938	93.00	10883	141.00	2806		
63.00	8458	94.00	29952	142.00	333		
64.00	789	95.00	259264	143.00	2995		

Data File:	cknq001.d	Date:	06-FEB-2012 09:06
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/cknrto15.b/cknr001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 07-FEB-2012 10:29
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.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

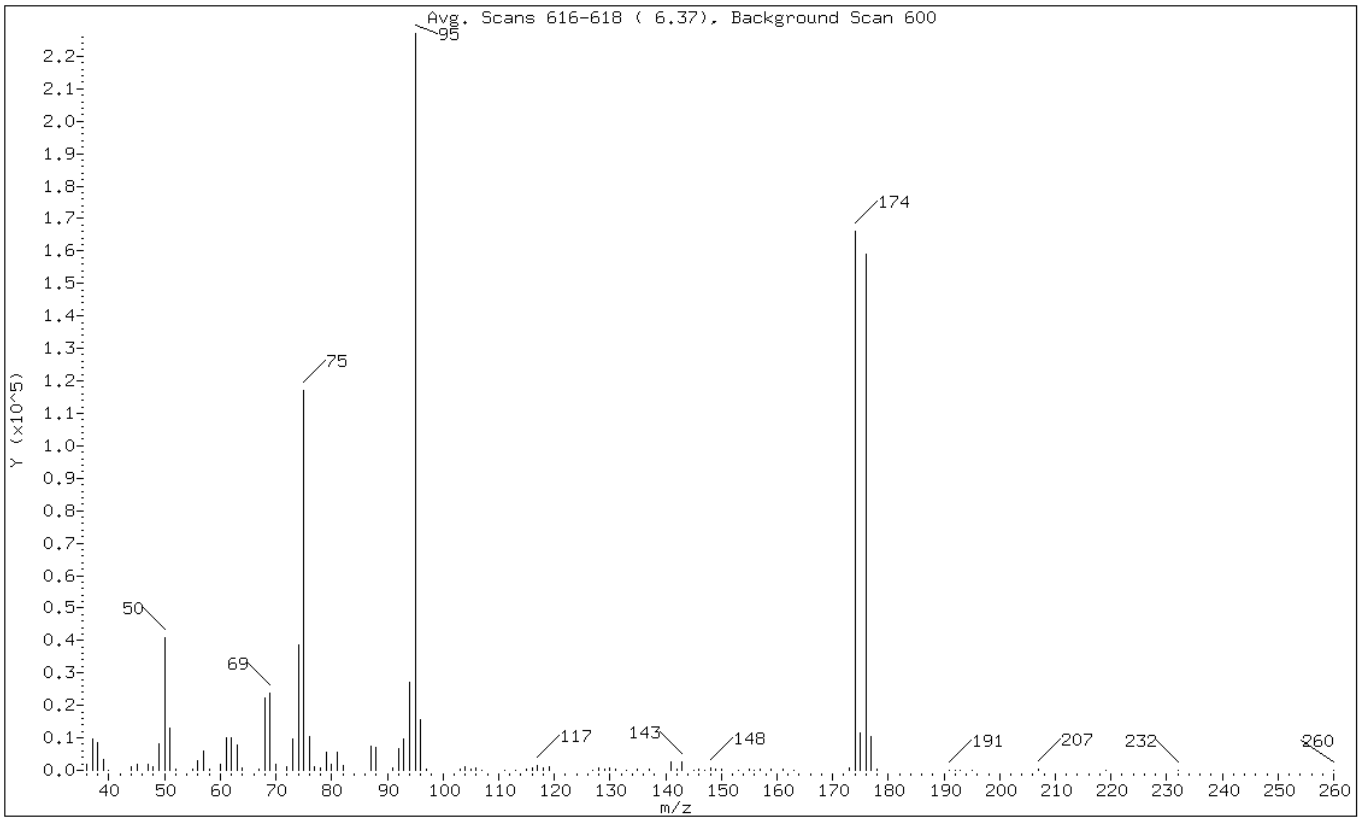
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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		
6.373	6.760	-0.387	95	227050			100.00- 100.00	100.00
6.373	6.760	-0.387	50	40778			8.00- 40.00	17.96
6.373	6.760	-0.387	75	117176			30.00- 66.00	51.61
6.373	6.760	-0.387	96	15488			5.00- 9.00	6.82
6.373	6.760	-0.387	173	577			0.00- 2.00	0.35
6.373	6.760	-0.387	174	165973			50.00- 120.00	73.10
6.373	6.760	-0.387	175	11488			4.00- 9.00	6.92
6.373	6.760	-0.387	176	159146			93.00- 101.00	95.89
6.373	6.760	-0.387	177	10457			5.00- 9.00	6.57

Data File:	cknr001.d	Date:	07-FEB-2012 10:29
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	17.96
75	30.00 - 66.00% of mass 95	51.61
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.25 (0.35)
174	50.00 - 120.00% of mass 95	73.10
175	4.00 - 9.00% of mass 174	5.06 (6.92)
176	93.00 - 101.00% of mass 174	70.09 (95.89)
177	5.00 - 9.00% of mass 176	4.61 (6.57)

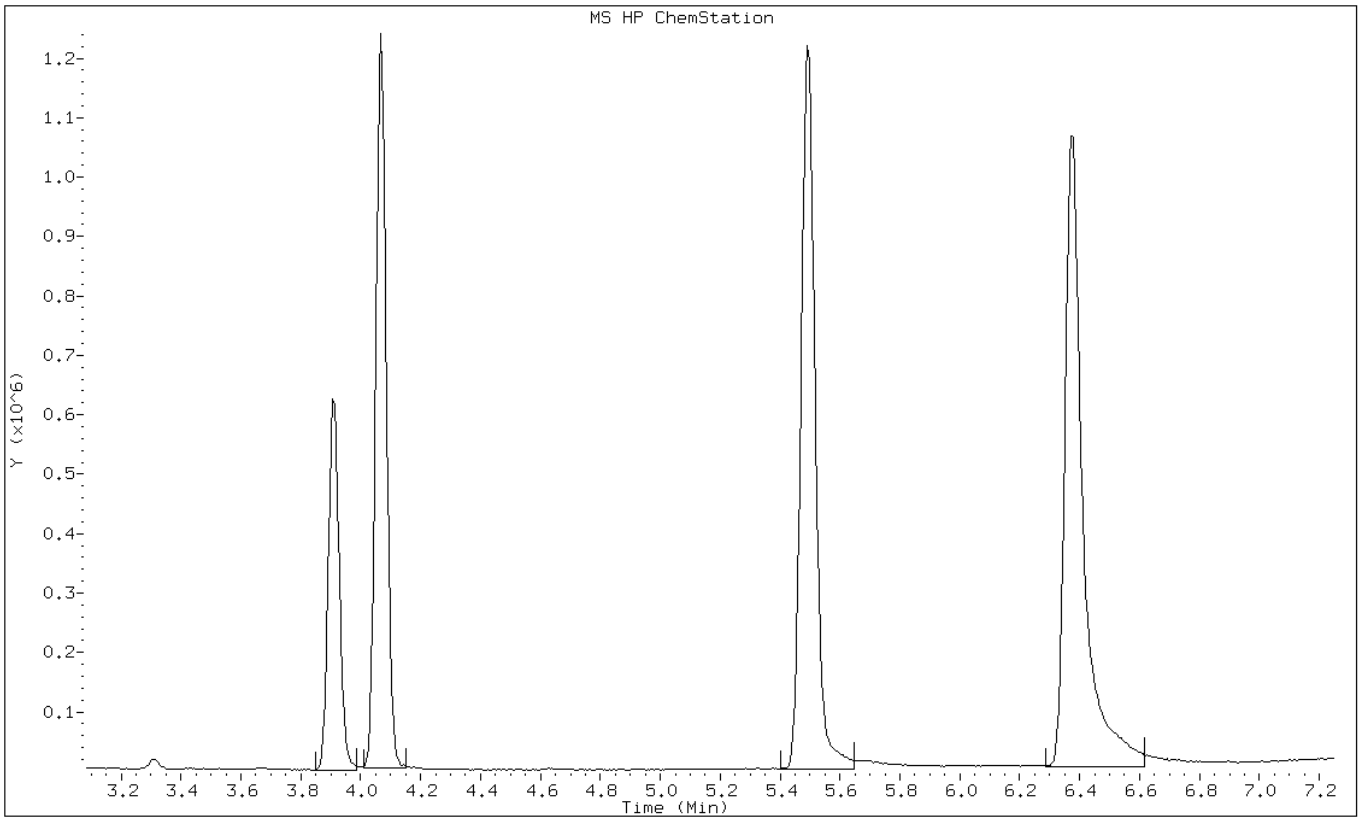
Data File: cknr001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 07-FEB-2012 10:29
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknrto15.b/cknr001.d
Spectrum: Avg. Scans 616-618 (6.37), Background Scan 600
Location of Maximum: 95.00
Number of points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1787	70.00	2007	107.00	87	153.00	70
37.00	9640	72.00	1041	111.00	150	155.00	553
38.00	8443	73.00	9585	113.00	71	156.00	79
39.00	3451	74.00	38528	115.00	297	157.00	519
40.00	120	75.00	117176	116.00	826	159.00	315
44.00	949	76.00	10222	117.00	1316	161.00	324
45.00	1793	77.00	1281	118.00	875	163.00	87
47.00	1966	78.00	675	119.00	1133	173.00	577
48.00	1060	79.00	5440	127.00	69	174.00	165952
49.00	8259	80.00	1964	128.00	913	175.00	11488
50.00	40776	81.00	5632	129.00	377	176.00	159104
51.00	13079	82.00	1495	130.00	837	177.00	10457
52.00	395	87.00	7295	131.00	359	178.00	365
55.00	501	88.00	6920	133.00	174	191.00	89
56.00	3095	91.00	636	135.00	356	192.00	71
57.00	5823	92.00	6703	137.00	448	193.00	49
58.00	297	93.00	9651	141.00	2614	195.00	73
60.00	1719	94.00	27056	142.00	314	207.00	363
61.00	9912	95.00	227008	143.00	2747	219.00	159
62.00	10121	96.00	15488	145.00	173	232.00	4
63.00	7952	97.00	552	146.00	343	260.00	42
64.00	800	103.00	248	147.00	116		
67.00	477	104.00	978	148.00	609		
68.00	22136	105.00	392	149.00	264		
69.00	23784	106.00	900	150.00	289		

Data File:	cknr001.d	Date:	07-FEB-2012 10:29
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.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.279	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.040	U	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.16	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.080	U	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.0562	J	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	0.66	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.15	U	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.69	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.35	U	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.42	J	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknqto15.b/cknq005.d
Lab Smp Id: mb
Inj Date : 06-FEB-2012 12:35
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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.					

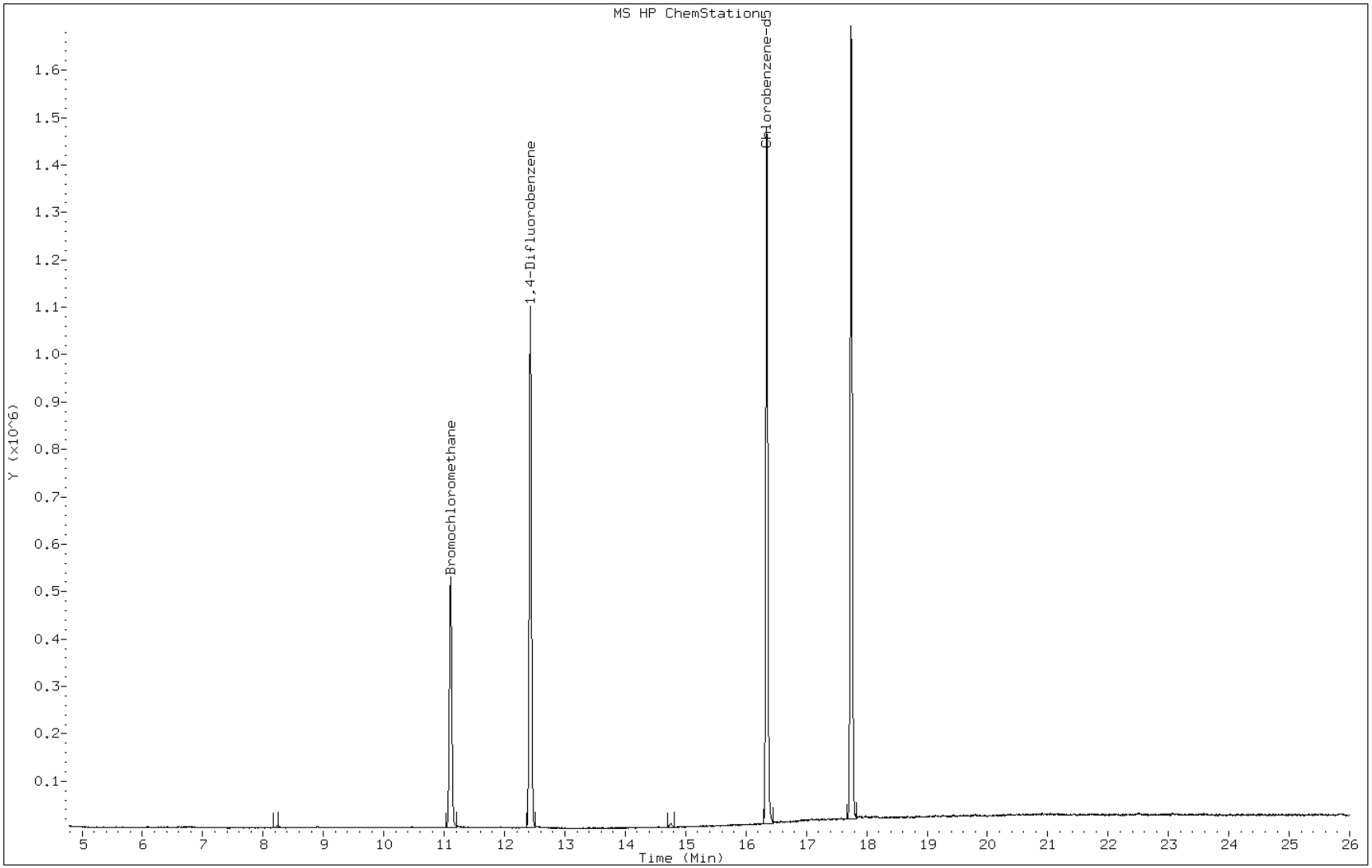
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.243	8.211	(0.742)	9526	0.27940	0.28(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	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	11.109	11.125	(1.000)	209063	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	12.427	12.443	(1.000)	1227710	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	16.345	16.366	(1.000)	1123593	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	22.514	22.535	(1.377)	2479	0.05616	0.056(aQ)
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:	cknq005.d	Date:	06-FEB-2012 12:35
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: cknq005.d

Lab Sample ID: mb

Date: 06-FEB-2012 12:35

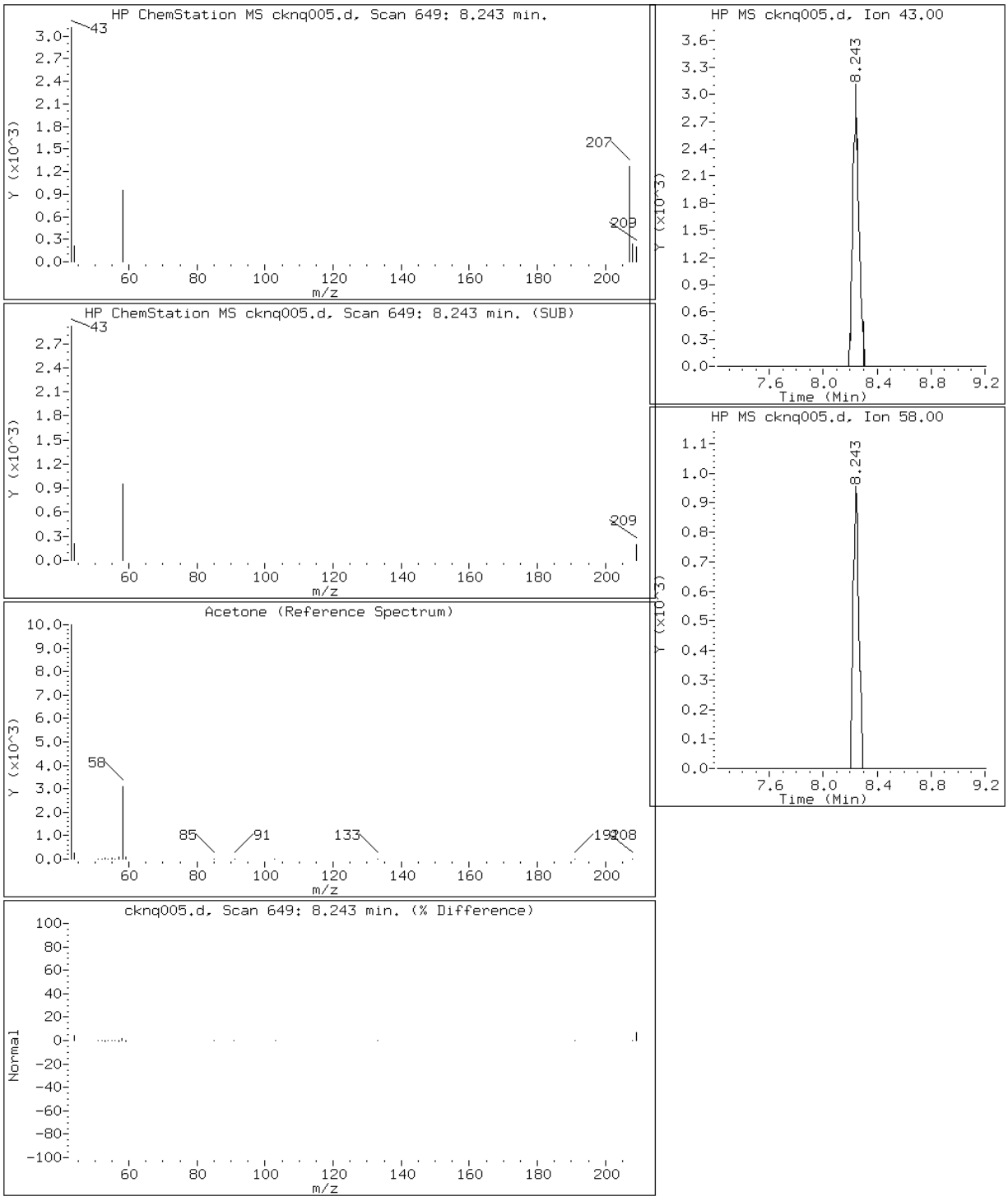
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

20 Acetone



Data File: cknq005.d

Lab Sample ID: mb

Date: 06-FEB-2012 12:35

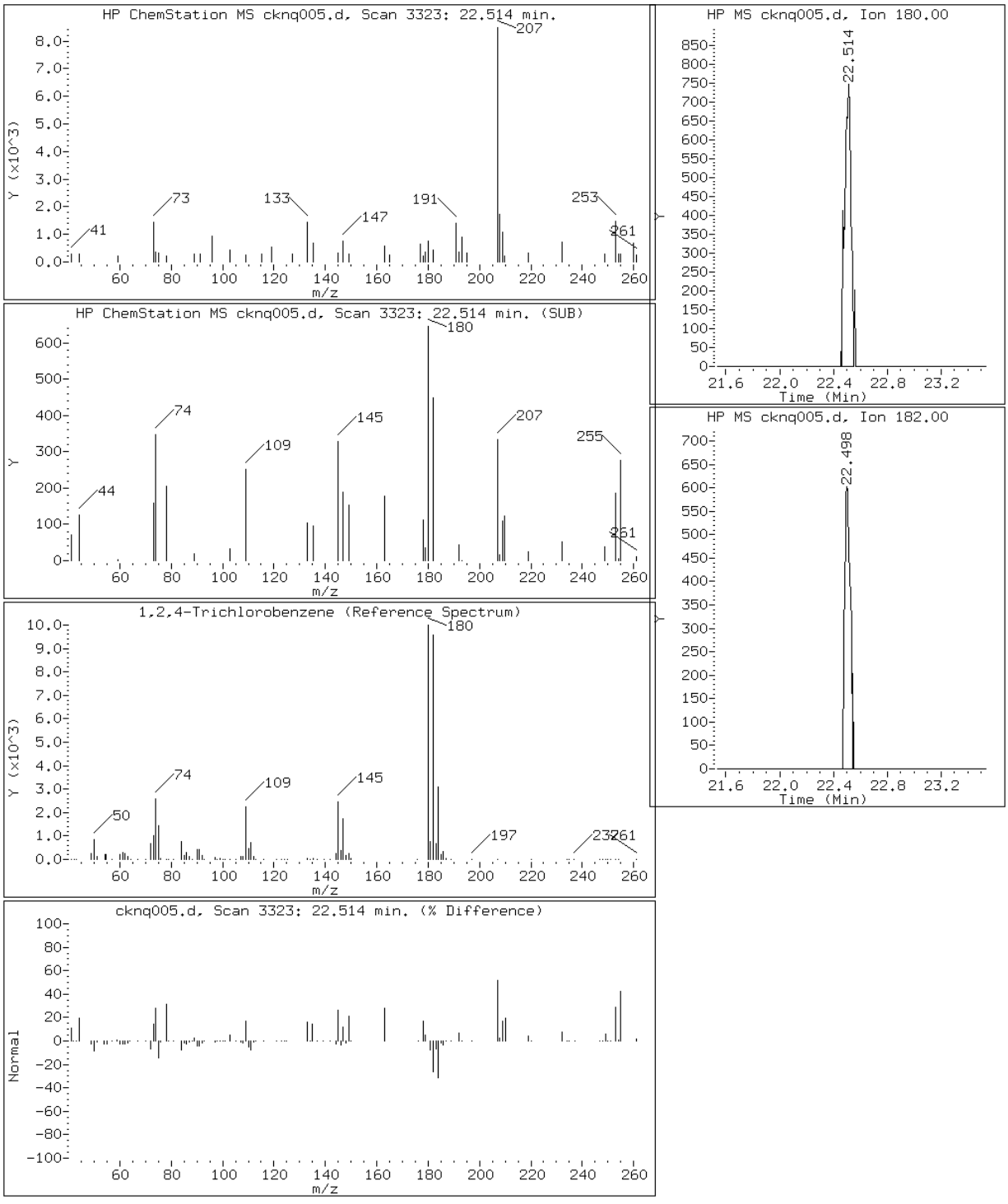
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

94 1,2,4-Trichlorobenzene



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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.13	U	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.040	U	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.16	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.080	U	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	0.31	U	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.15	U	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.69	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.35	U	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknrto15.b/cknr004.d
Lab Smp Id: mb
Inj Date : 07-FEB-2012 13:10
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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.					

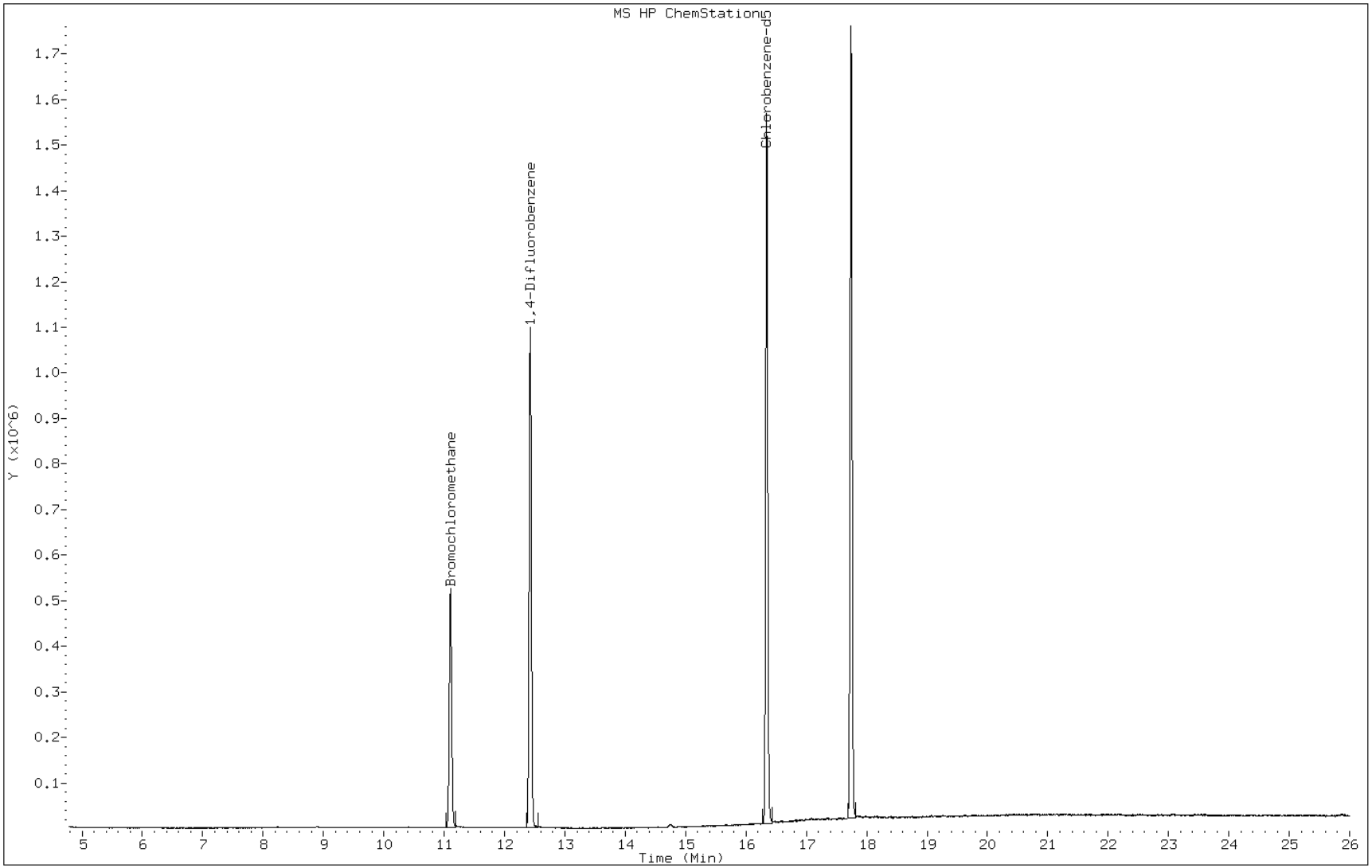
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)	
	15 Ethanol	45	Compound Not Detected.						
	16 Ethyl ether	59	Compound Not Detected.						
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.						
	18 Acrolein	56	Compound Not Detected.						
	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	11.104	11.125	(1.000)	208886	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	12.427	12.443	(1.000)	1243087	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	16.345	16.366	(1.000)	1181213	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:	cknr004.d	Date:	07-FEB-2012 13:10
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.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33356/4

Matrix: Air Lab File ID: cknq004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 11:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	10.9		0.50	0.038
75-45-6	Freon 22	86.47	9.99		0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.2		0.20	0.032
74-87-3	Chloromethane	50.49	9.62		0.50	0.013
106-97-8	n-Butane	58.12	9.16		0.50	0.011
75-01-4	Vinyl chloride	62.50	9.61		0.20	0.029
106-99-0	1,3-Butadiene	54.09	9.72		0.20	0.010
74-83-9	Bromomethane	94.94	9.19		0.20	0.012
75-00-3	Chloroethane	64.52	8.88		0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.75		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	10.8		0.20	0.034
76-13-1	Freon TF	187.38	10.7		0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	10.6		0.20	0.030
67-64-1	Acetone	58.08	10.3		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	10.1		5.0	0.037
75-15-0	Carbon disulfide	76.14	9.70		0.50	0.066
107-05-1	3-Chloropropene	76.53	8.97	M	0.50	0.019
75-09-2	Methylene Chloride	84.93	10.2		0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	10.3		5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	10.7		0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	9.74		0.20	0.032
110-54-3	n-Hexane	86.17	9.44		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	9.99		0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	9.77		0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	9.80		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	19.5		0.20	0.014
67-66-3	Chloroform	119.38	10.5		0.20	0.031
109-99-9	Tetrahydrofuran	72.11	10.4		5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	11.0		0.20	0.035
110-82-7	Cyclohexane	84.16	9.62		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	11.3		0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	9.81		0.20	0.036
71-43-2	Benzene	78.11	9.63		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	10.7		0.20	0.031
142-82-5	n-Heptane	100.21	9.71		0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33356/4

Matrix: Air Lab File ID: cknq004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 11:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	9.97		0.20	0.030
80-62-6	Methyl methacrylate	100.12	10.3		0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	9.61		0.20	0.014
123-91-1	1,4-Dioxane	88.11	9.56		5.0	0.088
75-27-4	Bromodichloromethane	163.83	11.2		0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	10.2		0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	10.9		0.50	0.026
108-88-3	Toluene	92.14	9.37		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	10.4		0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	9.41		0.20	0.019
127-18-4	Tetrachloroethene	165.83	9.15		0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.5		0.50	0.039
124-48-1	Dibromochloromethane	208.29	11.0		0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	9.62		0.20	0.018
108-90-7	Chlorobenzene	112.30	9.40		0.20	0.020
100-41-4	Ethylbenzene	106.17	10.1		0.20	0.022
179601-23-1	m,p-Xylene	106.17	19.4		0.50	0.048
95-47-6	Xylene, o-	106.17	9.76		0.20	0.022
1330-20-7	Xylene (total)	106.17	29.2		0.20	0.022
100-42-5	Styrene	104.15	9.94		0.20	0.030
75-25-2	Bromoform	252.75	10.7		0.20	0.019
98-82-8	Cumene	120.19	10.5		0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.68		0.20	0.040
103-65-1	n-Propylbenzene	120.19	10.6		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	10.9		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	10.6		0.20	0.051
95-49-8	2-Chlorotoluene	126.59	10.7		0.20	0.047
98-06-6	tert-Butylbenzene	134.22	10.8		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	10.6		0.20	0.052
135-98-8	sec-Butylbenzene	134.22	10.8		0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	10.9		0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	9.69		0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	9.57		0.20	0.044
100-44-7	Benzyl chloride	126.58	11.2		0.20	0.046
104-51-8	n-Butylbenzene	134.22	11.3		0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33356/4

Matrix: Air Lab File ID: cknq004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 11:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	9.50		0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	9.26		0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	9.25		0.20	0.065
91-20-3	Naphthalene	128.17	9.83		0.50	0.086

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknqto15.b/cknq004.d
Lab Smp Id: lcs 283785
Inj Date : 06-FEB-2012 11:45
Operator : wrd Inst ID: C.i
Smp Info : lcs 283785
Misc Info : 200,1, lcs
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.983	4.977	(0.448)	197800	9.93909	9.9
2	Dichlorodifluoromethane	85	5.057	5.057	(0.455)	831607	10.9477	11
3	Chlorodifluoromethane	51	5.105	5.100	(0.460)	407161	9.98899	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.482)	821382	10.1944	10
5	Chloromethane	50	5.516	5.516	(0.497)	221467	9.61969	9.6
6	Butane	43	5.730	5.730	(0.516)	420252	9.16483	9.2
7	Vinyl chloride	62	5.772	5.767	(0.520)	269288	9.61137	9.6
8	1,3-Butadiene	54	5.842	5.847	(0.526)	212040	9.71620	9.7
9	Bromomethane	94	6.504	6.509	(0.585)	232957	9.19233	9.2
10	Chloroethane	64	6.706	6.712	(0.604)	135827	8.87709	8.9
11	2-Methylbutane	43	6.776	6.781	(0.610)	313831	8.71942	8.7
12	Vinyl bromide	106	7.059	7.064	(0.635)	247521	9.74954	9.7
13	Trichlorofluoromethane	101	7.144	7.149	(0.643)	828605	10.7689	11
14	Pentane	43	7.256	7.256	(0.653)	463922	8.92080	8.9

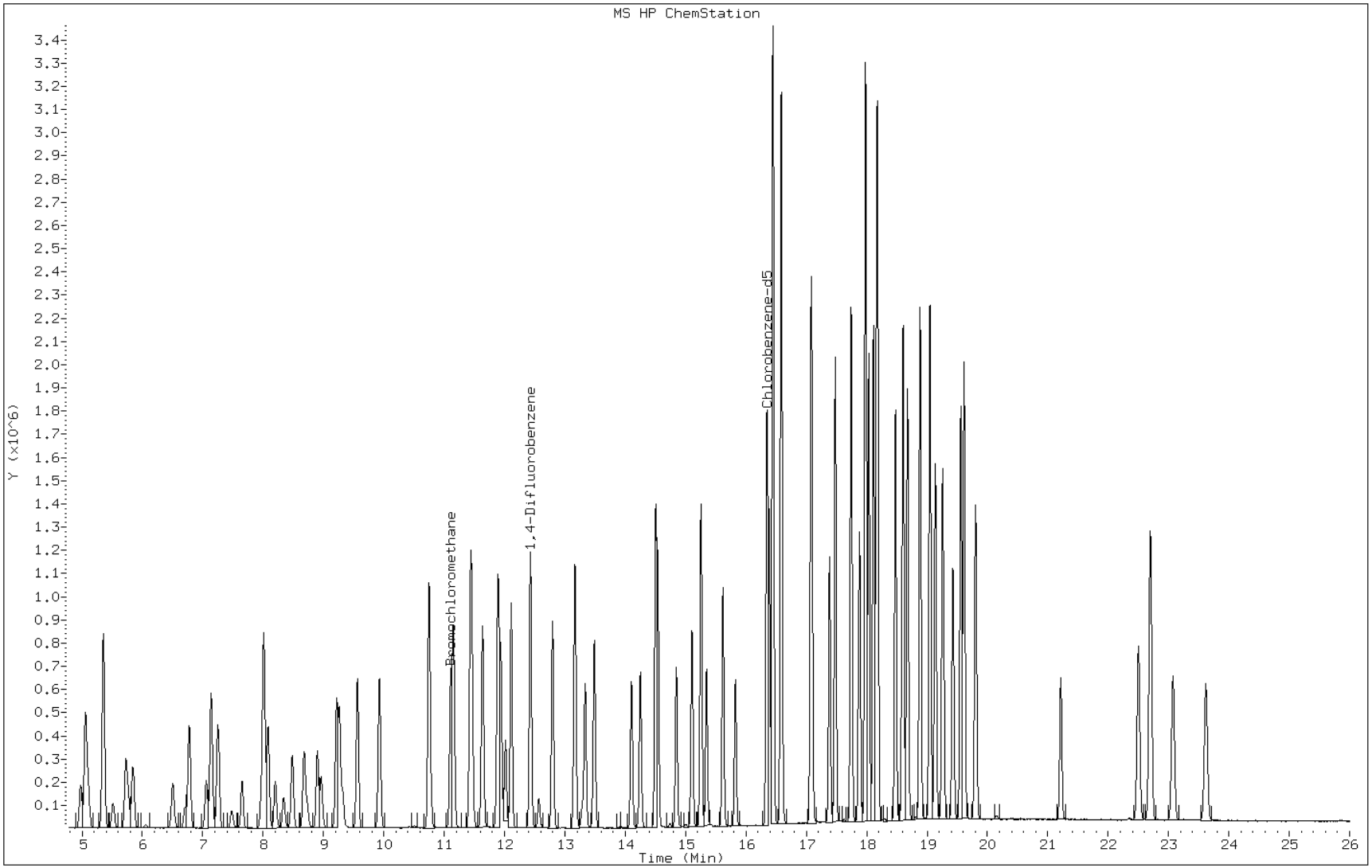
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.480	7.485	(0.673)	139585	15.1088	15
	16 Ethyl ether	59	7.656	7.656	(0.689)	187089	9.55089	9.6
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.009	8.014	(0.721)	574834	10.7167	11
	18 Acrolein	56	7.966	7.976	(0.717)	75651	8.23504	8.2
	19 1,1-Dichloroethene	96	8.083	8.088	(0.728)	268952	10.6207	11
	20 Acetone	43	8.201	8.211	(0.738)	396792	10.3333	10
	21 Carbon disulfide	76	8.484	8.494	(0.764)	739522	9.70183	9.7
	22 Isopropanol	45	8.339	8.350	(0.751)	265256	10.0660	10
	23 Allyl chloride	41	8.681	8.692	(0.781)	337292	8.97245	9.0(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	181818	11.4081	11(QM)
	25 Methylene chloride	49	8.900	8.910	(0.801)	294827	10.2156	10
	26 Tert-butyl alcohol	59	8.959	8.969	(0.806)	403384	10.3013	10
	27 Methyl tert-butyl ether	73	9.220	9.231	(0.830)	858315	10.6578	11
	28 1,2-Dichloroethene (trans)	61	9.268	9.279	(0.834)	395882	9.74162	9.7
	29 Acrylonitrile	53	9.321	9.337	(0.839)	180856	9.93673	9.9
	30 n-Hexane	57	9.562	9.572	(0.861)	442209	9.43689	9.4
	31 1,1-Dichloroethane	63	9.935	9.951	(0.894)	510578	9.98546	10
	32 Vinyl acetate	43	9.919	9.935	(0.893)	685461	10.2798	10
M	33 1,2-Dichloroethene,Total	61				690731	19.5445	20
	34 1,2-Dichloroethene (cis)	96	10.762	10.773	(0.969)	294849	9.80288	9.8
	35 Ethyl acetate	88	10.746	10.762	(0.967)	26015	9.94819	9.9
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.967)	137526	9.77282	9.8
*	37 Bromochloromethane	128	11.109	11.125	(1.000)	235456	10.0000	
	38 Tetrahydrofuran	42	11.141	11.152	(0.896)	304616	10.3624	10
	39 Chloroform	83	11.157	11.173	(1.004)	645222	10.4611	10
	40 Cyclohexane	84	11.456	11.477	(0.922)	419138	9.62239	9.6
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	748864	11.0387	11
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	780032	11.2882	11
	43 2,2,4-Trimethylpentane	57	11.888	11.904	(0.957)	1454051	9.80756	9.8
	44 Benzene	78	11.942	11.958	(0.961)	910039	9.63113	9.6
	45 1,2-Dichloroethane	62	12.017	12.032	(0.967)	434756	10.6878	11
	46 n-Heptane	43	12.113	12.129	(0.975)	533705	9.70783	9.7
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1325829	10.0000	
	48 n-Butanol	56	12.566	12.582	(1.011)	109447	9.72925	9.7
	49 Trichloroethene	95	12.796	12.812	(1.030)	421829	9.96551	10
	50 1,2-Dichloropropane	63	13.164	13.180	(1.059)	310569	9.60874	9.6
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	309709	10.3208	10
	52 Dibromomethane	174	13.340	13.356	(1.073)	327551	9.92399	9.9
	53 1,4-Dioxane	88	13.287	13.303	(1.069)	106419	9.55756	9.6
	54 Bromodichloromethane	83	13.490	13.505	(1.085)	747291	11.1951	11
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	510711	10.2255	10
	56 Methyl isobutyl ketone	43	14.253	14.269	(1.147)	621571	10.9445	11
	57 n-Octane	43	14.498	14.514	(1.167)	746054	9.95109	10
	58 Toluene	92	14.536	14.557	(0.889)	670812	9.37081	9.4
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	539509	10.4457	10
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	303779	9.40631	9.4
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	534732	9.14597	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	15.347	15.363	(0.939)	596255	10.4563	10
	63 Dibromochloromethane	129	15.619	15.635	(0.956)	741480	10.9644	11
	64 1,2-Dibromoethane	107	15.822	15.838	(0.968)	579201	9.61769	9.6
*	65 Chlorobenzene-d5	117	16.345	16.366	(1.000)	1289338	10.0000	
	66 Chlorobenzene	112	16.382	16.403	(1.002)	893732	9.40348	9.4
	67 n-Nonane	57	16.446	16.462	(1.006)	698004	9.87885	9.9
	68 Ethylbenzene	91	16.446	16.462	(1.006)	1593975	10.0587	10
	69 Xylene (m,p)	106	16.585	16.601	(1.015)	1209461	19.4167	19
M	70 Xylenes, Total	106				1789315	29.1754	29
	71 Xylene (o)	106	17.076	17.092	(1.045)	579854	9.75877	9.8
	72 Styrene	104	17.092	17.113	(1.046)	918838	9.93928	9.9
	73 Bromoform	173	17.385	17.401	(1.064)	705595	10.7139	11
	74 Isopropylbenzene	105	17.482	17.497	(1.070)	1812159	10.5173	11
	75 1,1,2,2-Tetrachloroethane	83	17.876	17.898	(1.094)	822413	9.68346	9.7
	76 n-Propylbenzene	91	17.978	17.994	(1.100)	2218027	10.6126	11
	77 1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	711398	10.4010	10
	78 n-Decane	57	18.031	18.047	(1.103)	873381	10.4444	10
	79 4-Ethyltoluene	105	18.111	18.127	(1.108)	1932512	10.8854	11
	80 2-Chlorotoluene	91	18.165	18.181	(1.111)	1665979	10.7255	11
	81 1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1610778	10.5595	11
	82 Alpha Methyl Styrene	118	18.480	18.495	(1.131)	771298	10.8192	11
	83 tert-butylbenzene	119	18.602	18.618	(1.138)	1518517	10.8002	11
	84 1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1552642	10.5801	11
	85 sec-Butylbenzene	105	18.885	18.901	(1.155)	2242025	10.8390	11
	86 4-Isopropyltoluene	119	19.051	19.066	(1.166)	1917903	10.9210	11
	87 1,3-Dichlorobenzene	146	19.141	19.157	(1.171)	970779	9.68610	9.7
	88 1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	953735	9.57224	9.6
	89 Benzyl chloride	91	19.424	19.445	(1.188)	1261448	11.1560	11
	90 Undecane	57	19.558	19.573	(1.197)	863601	10.6415	11
	91 n-Butylbenzene	91	19.611	19.632	(1.200)	1710008	11.3072	11
	92 1,2-Dichlorobenzene	146	19.808	19.830	(1.212)	900336	9.49813	9.5
	93 Dodecane	57	21.217	21.239	(1.298)	341246	8.00899	8.0
	94 1,2,4-Trichlorobenzene	180	22.498	22.535	(1.376)	469294	9.26466	9.3
	95 1,3-Hexachlorobutadiene	225	22.701	22.733	(1.389)	460264	9.24890	9.2
	96 Naphthalene	128	23.075	23.107	(1.412)	1111073	9.83252	9.8
	97 1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	402544	9.36765	9.4

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cknq004.d	Date:	06-FEB-2012 11:45
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 283785		
Lab Sample ID:	lcs 283785		



Manual Integration Report

Data File: cknq004.d
Lab Sample ID: lcs 283785
Inj. Date and Time: 06-FEB-2012 11:45
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

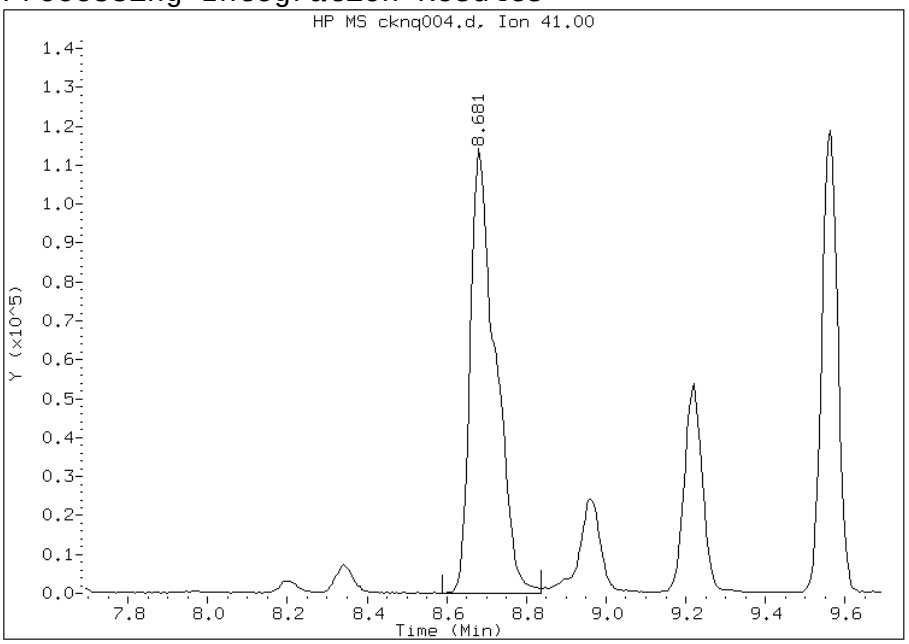
Processing Integration Results

RT: 8.68

Response: 501512

Amount: 13.34

Conc: 13.34



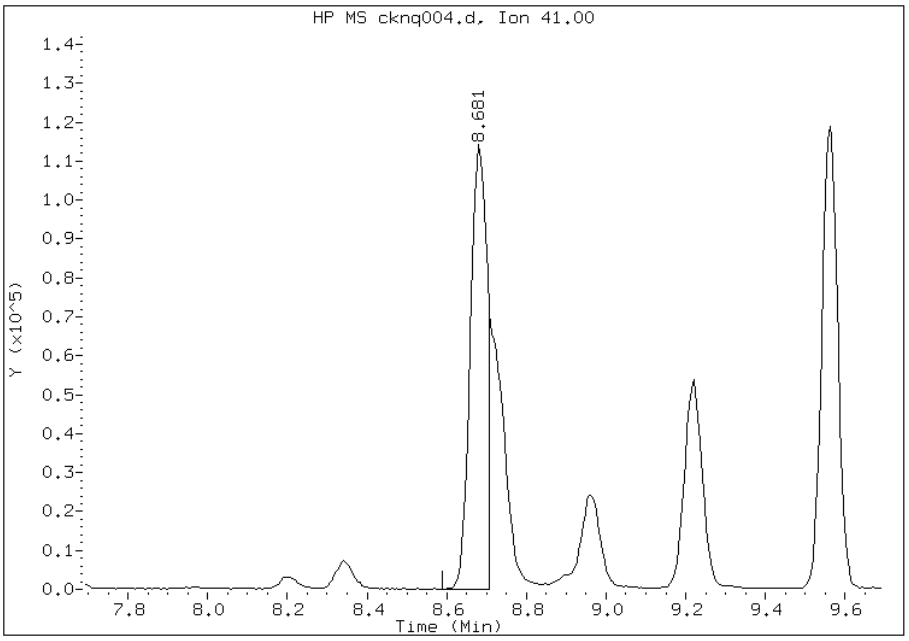
Manual Integration Results

RT: 8.68

Response: 337292

Amount: 8.97

Conc: 8.97



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.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33381/3

Matrix: Air Lab File ID: cknr003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 12:21

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	11.4		0.50	0.038
75-45-6	Freon 22	86.47	10.3		0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.3		0.20	0.032
74-87-3	Chloromethane	50.49	9.78		0.50	0.013
106-97-8	n-Butane	58.12	9.34		0.50	0.011
75-01-4	Vinyl chloride	62.50	9.63		0.20	0.029
106-99-0	1,3-Butadiene	54.09	9.93		0.20	0.010
74-83-9	Bromomethane	94.94	9.32		0.20	0.012
75-00-3	Chloroethane	64.52	9.10		0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.91		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	11.4		0.20	0.034
76-13-1	Freon TF	187.38	11.4		0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	11.2		0.20	0.030
67-64-1	Acetone	58.08	10.4		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	10.8		5.0	0.037
75-15-0	Carbon disulfide	76.14	10.1		0.50	0.066
107-05-1	3-Chloropropene	76.53	9.88	M	0.50	0.019
75-09-2	Methylene Chloride	84.93	10.9		0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	10.9		5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	10.7		0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	10.5		0.20	0.032
110-54-3	n-Hexane	86.17	10.0		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	10.5		0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	9.58		0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	10.2		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	20.7		0.20	0.014
67-66-3	Chloroform	119.38	11.0		0.20	0.031
109-99-9	Tetrahydrofuran	72.11	9.90		5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	11.5		0.20	0.035
110-82-7	Cyclohexane	84.16	9.94		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	11.8		0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	10.0		0.20	0.036
71-43-2	Benzene	78.11	9.78		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	11.3		0.20	0.031
142-82-5	n-Heptane	100.21	10.0		0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33381/3

Matrix: Air Lab File ID: cknr003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 12:21

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	10.5		0.20	0.030
80-62-6	Methyl methacrylate	100.12	10.0		0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	9.70		0.20	0.014
123-91-1	1,4-Dioxane	88.11	9.91		5.0	0.088
75-27-4	Bromodichloromethane	163.83	11.5		0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	10.2		0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	10.7		0.50	0.026
108-88-3	Toluene	92.14	9.60		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	10.3		0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	9.59		0.20	0.019
127-18-4	Tetrachloroethene	165.83	9.56		0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.4		0.50	0.039
124-48-1	Dibromochloromethane	208.29	11.4		0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.018
108-90-7	Chlorobenzene	112.30	9.62		0.20	0.020
100-41-4	Ethylbenzene	106.17	10.2		0.20	0.022
179601-23-1	m,p-Xylene	106.17	19.5		0.50	0.048
95-47-6	Xylene, o-	106.17	9.89		0.20	0.022
1330-20-7	Xylene (total)	106.17	29.4		0.20	0.022
100-42-5	Styrene	104.15	10.0		0.20	0.030
75-25-2	Bromoform	252.75	11.1		0.20	0.019
98-82-8	Cumene	120.19	10.7		0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.86		0.20	0.040
103-65-1	n-Propylbenzene	120.19	10.8		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	11.0		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	10.8		0.20	0.051
95-49-8	2-Chlorotoluene	126.59	10.9		0.20	0.047
98-06-6	tert-Butylbenzene	134.22	11.0		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	10.7		0.20	0.052
135-98-8	sec-Butylbenzene	134.22	11.0		0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	11.0		0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	9.83		0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	9.75		0.20	0.044
100-44-7	Benzyl chloride	126.58	11.2		0.20	0.046
104-51-8	n-Butylbenzene	134.22	11.4		0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33381/3

Matrix: Air Lab File ID: cknr003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 12:21

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	9.63		0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	9.47		0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	9.46		0.20	0.065
91-20-3	Naphthalene	128.17	10.0		0.50	0.086

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknrto15.b/cknr003.d
Lab Smp Id: lcs 283785
Inj Date : 07-FEB-2012 12:21
Operator : wrd Inst ID: C.i
Smp Info : lcs 283785
Misc Info : 200,1, lcs
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.977	4.977	(0.448)	185483	10.0118	10
2	Dichlorodifluoromethane	85	5.057	5.057	(0.455)	803926	11.3687	11
3	Chlorodifluoromethane	51	5.100	5.100	(0.459)	392462	10.3429	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.482)	773771	10.3162	10
5	Chloromethane	50	5.516	5.516	(0.497)	209645	9.78191	9.8
6	Butane	43	5.724	5.730	(0.516)	398780	9.34189	9.3
7	Vinyl chloride	62	5.767	5.767	(0.519)	251147	9.62905	9.6
8	1,3-Butadiene	54	5.842	5.847	(0.526)	201811	9.93369	9.9
9	Bromomethane	94	6.504	6.509	(0.586)	219948	9.32303	9.3
10	Chloroethane	64	6.701	6.712	(0.603)	129677	9.10405	9.1
11	2-Methylbutane	43	6.770	6.781	(0.610)	295402	8.81642	8.8
12	Vinyl bromide	106	7.059	7.064	(0.636)	234306	9.91386	9.9
13	Trichlorofluoromethane	101	7.139	7.149	(0.643)	814477	11.3708	11
14	Pentane	43	7.251	7.256	(0.653)	456001	9.41915	9.4

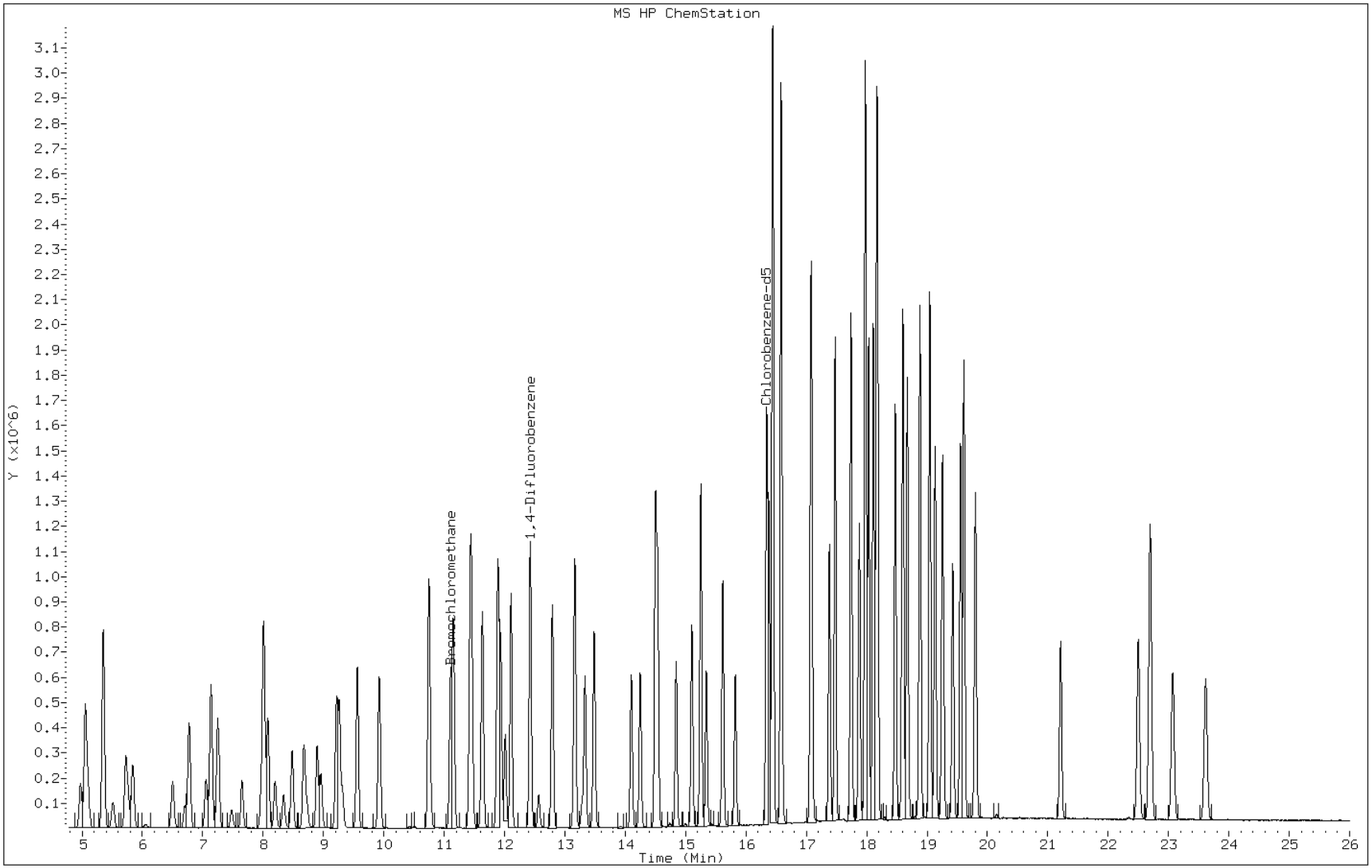
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.480	7.485	(0.674)	133923	15.5716	16
	16 Ethyl ether	59	7.651	7.656	(0.689)	175055	9.59969	9.6
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	567776	11.3706	11
	18 Acrolein	56	7.961	7.976	(0.717)	70780	8.27654	8.3
	19 1,1-Dichloroethene	96	8.078	8.088	(0.727)	264895	11.2367	11
	20 Acetone	43	8.201	8.211	(0.739)	372810	10.4292	10
	21 Carbon disulfide	76	8.484	8.494	(0.764)	716138	10.0922	10
	22 Isopropanol	45	8.340	8.350	(0.751)	265309	10.8151	11
	23 Allyl chloride	41	8.676	8.692	(0.781)	345663	9.87745	9.9(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	160662	10.8287	11(QM)
	25 Methylene chloride	49	8.895	8.910	(0.801)	292765	10.8968	11
	26 Tert-butyl alcohol	59	8.959	8.969	(0.807)	398528	10.9324	11
	27 Methyl tert-butyl ether	73	9.220	9.231	(0.830)	804874	10.7358	11
	28 1,2-Dichloroethene (trans)	61	9.263	9.279	(0.834)	396906	10.4916	10
	29 Acrylonitrile	53	9.316	9.337	(0.839)	169603	10.0099	10
	30 n-Hexane	57	9.562	9.572	(0.861)	436082	9.99670	10
	31 1,1-Dichloroethane	63	9.935	9.951	(0.895)	497674	10.4553	10
	32 Vinyl acetate	43	9.919	9.935	(0.893)	624517	10.0608	10
M	33 1,2-Dichloroethene,Total	61				682967	20.7080	21
	34 1,2-Dichloroethene (cis)	96	10.757	10.773	(0.969)	286061	10.2164	10
	35 Ethyl acetate	88	10.746	10.762	(0.968)	23485	9.64712	9.6
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.968)	125519	9.58146	9.6
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	219191	10.0000	
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	277341	9.89614	9.9
	39 Chloroform	83	11.157	11.173	(1.005)	629005	10.9550	11
	40 Cyclohexane	84	11.456	11.477	(0.922)	412670	9.93738	9.9
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	744506	11.5113	12
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	776954	11.7937	12
	43 2,2,4-Trimethylpentane	57	11.889	11.904	(0.957)	1419663	10.0441	10
	44 Benzene	78	11.937	11.958	(0.960)	881064	9.78065	9.8
	45 1,2-Dichloroethane	62	12.011	12.032	(0.966)	437210	11.2740	11
	46 n-Heptane	43	12.107	12.129	(0.974)	526654	10.0482	10
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1263993	10.0000	
	48 n-Butanol	56	12.566	12.582	(1.011)	106327	9.91430	9.9
	49 Trichloroethene	95	12.796	12.812	(1.030)	425571	10.5458	11
	50 1,2-Dichloropropane	63	13.159	13.180	(1.059)	298934	9.70122	9.7
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	286646	10.0195	10
	52 Dibromomethane	174	13.335	13.356	(1.073)	315202	10.0170	10
	53 1,4-Dioxane	88	13.287	13.303	(1.069)	105190	9.90935	9.9
	54 Bromodichloromethane	83	13.484	13.505	(1.085)	733754	11.5300	12
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	486894	10.2255	10
	56 Methyl isobutyl ketone	43	14.247	14.269	(1.146)	578264	10.6801	11
	57 n-Octane	43	14.498	14.514	(1.167)	719536	10.0669	10
	58 Toluene	92	14.536	14.557	(0.889)	632044	9.60247	9.6
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	508958	10.3362	10
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	284691	9.58726	9.6
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	514132	9.56373	9.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	62 2-Hexanone	43	15.342	15.363	(0.939)	547726	10.4465	10
	63 Dibromochloromethane	129	15.619	15.635	(0.956)	706941	11.3692	11
	64 1,2-Dibromoethane	107	15.822	15.838	(0.968)	553708	9.99957	10
*	65 Chlorobenzene-d5	117	16.345	16.366	(1.000)	1185517	10.0000	
	66 Chlorobenzene	112	16.382	16.403	(1.002)	840255	9.61505	9.6
	67 n-Nonane	57	16.446	16.462	(1.006)	661909	10.1884	10
	68 Ethylbenzene	91	16.441	16.462	(1.006)	1481141	10.1652	10
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	1115075	19.4691	19
M	70 Xylenes, Total	106				1655330	29.3577	29
	71 Xylene (o)	106	17.071	17.092	(1.044)	540255	9.88858	9.9
	72 Styrene	104	17.092	17.113	(1.046)	854082	10.0479	10
	73 Bromoform	173	17.380	17.401	(1.063)	673615	11.1240	11
	74 Isopropylbenzene	105	17.476	17.497	(1.069)	1700960	10.7364	11
	75 1,1,2,2-Tetrachloroethane	83	17.877	17.898	(1.094)	770321	9.86442	9.9
	76 n-Propylbenzene	91	17.978	17.994	(1.100)	2067915	10.7608	11
	77 1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	663937	10.5572	11
	78 n-Decane	57	18.031	18.047	(1.103)	827580	10.7633	11
	79 4-Ethyltoluene	105	18.106	18.127	(1.108)	1800104	11.0275	11
	80 2-Chlorotoluene	91	18.159	18.181	(1.111)	1561121	10.9305	11
	81 1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1513564	10.7911	11
	82 Alpha Methyl Styrene	118	18.474	18.495	(1.130)	710708	10.8423	11
	83 tert-butylbenzene	119	18.597	18.618	(1.138)	1423599	11.0119	11
	84 1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1447823	10.7298	11
	85 sec-Butylbenzene	105	18.880	18.901	(1.155)	2083642	10.9555	11
	86 4-Isopropyltoluene	119	19.045	19.066	(1.165)	1778158	11.0120	11
	87 1,3-Dichlorobenzene	146	19.136	19.157	(1.171)	905881	9.83012	9.8
	88 1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	892904	9.74652	9.7
	89 Benzyl chloride	91	19.424	19.445	(1.188)	1162138	11.1778	11
	90 Undecane	57	19.552	19.573	(1.196)	732986	9.82300	9.8
	91 n-Butylbenzene	91	19.611	19.632	(1.200)	1578883	11.3545	11
	92 1,2-Dichlorobenzene	146	19.803	19.830	(1.212)	839084	9.62715	9.6
	93 Dodecane	57	21.212	21.239	(1.298)	394784	10.0769	10
	94 1,2,4-Trichlorobenzene	180	22.498	22.535	(1.376)	441217	9.47318	9.5
	95 1,3-Hexachlorobutadiene	225	22.696	22.733	(1.389)	432730	9.45713	9.5
	96 Naphthalene	128	23.069	23.107	(1.411)	1039357	10.0034	10
	97 1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	380063	9.61905	9.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cknr003.d	Date:	07-FEB-2012 12:21
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 283785		
Lab Sample ID:	lcs 283785		



Manual Integration Report

Data File: cknr003.d
Lab Sample ID: lcs 283785
Inj. Date and Time: 07-FEB-2012 12:21
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

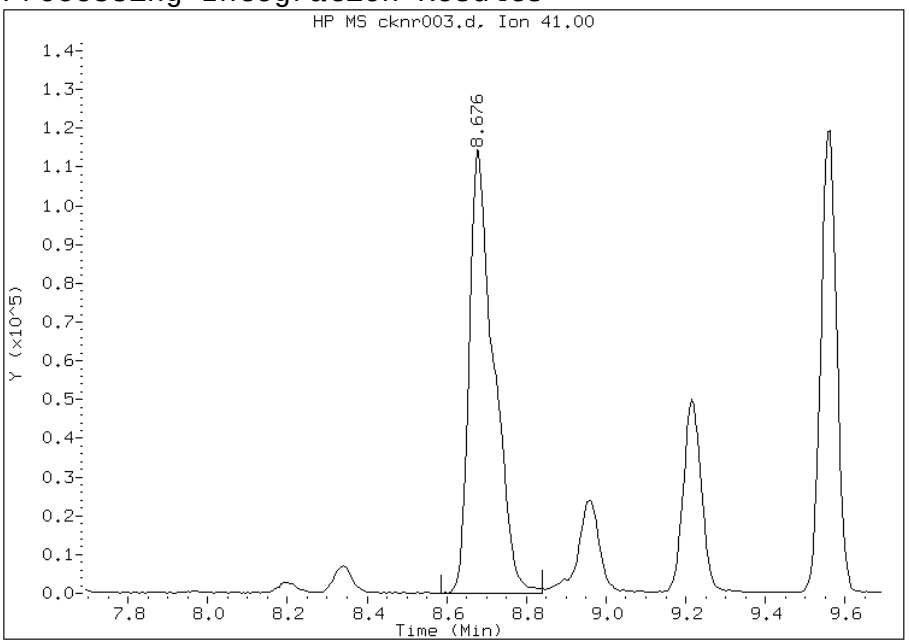
Processing Integration Results

RT: 8.68

Response: 490508

Amount: 14.02

Conc: 14.02



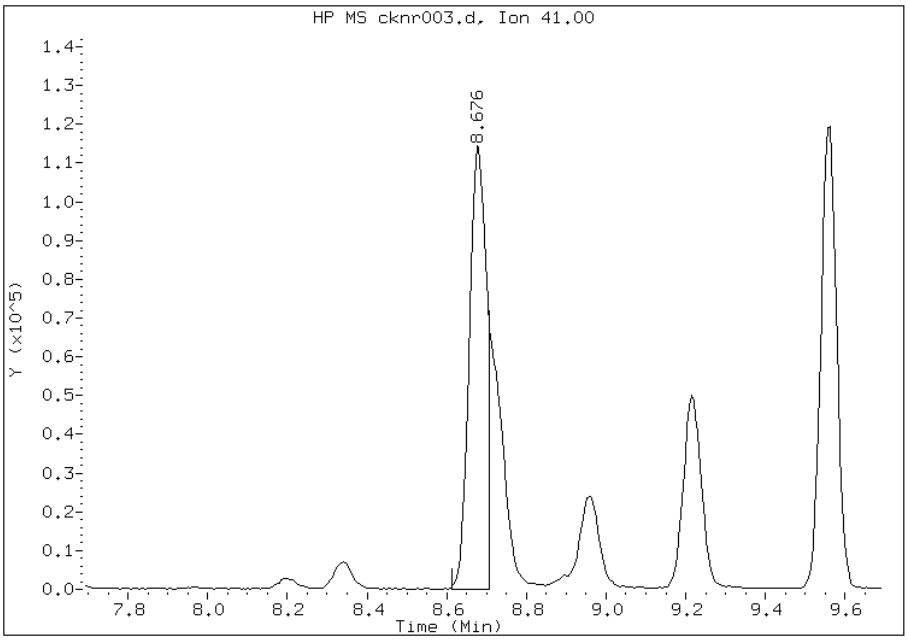
Manual Integration Results

RT: 8.68

Response: 345663

Amount: 9.88

Conc: 9.88



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Instrument ID: C.i Start Date: 01/12/2012 15:51

Analysis Batch Number: 32216 End Date: 01/13/2012 05:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-32216/1		01/12/2012 15:51	1	ckn001.d	RTX-624 0.32(mm)
VIBLK 200-32216/2		01/12/2012 16:36	1		RTX-624 0.32(mm)
IC 200-32216/3		01/12/2012 17:27	1	ckn003.d	RTX-624 0.32(mm)
IC 200-32216/4		01/12/2012 18:17	1	ckn004.d	RTX-624 0.32(mm)
IC 200-32216/5		01/12/2012 19:07	1	ckn005.d	RTX-624 0.32(mm)
ICIS 200-32216/6		01/12/2012 19:56	1	ckn006.d	RTX-624 0.32(mm)
IC 200-32216/7		01/12/2012 20:47	1	ckn007.d	RTX-624 0.32(mm)
IC 200-32216/8		01/12/2012 21:37	1	ckn008.d	RTX-624 0.32(mm)
IC 200-32216/9		01/12/2012 22:26	1	ckn009.d	RTX-624 0.32(mm)
VIBLK 200-32216/10		01/12/2012 23:16	1		RTX-624 0.32(mm)
VIBLK 200-32216/11		01/13/2012 00:06	1		RTX-624 0.32(mm)
ICV 200-32216/12		01/13/2012 00:56	1	ckn012.d	RTX-624 0.32(mm)
VIBLK 200-32216/13		01/13/2012 01:46	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 02:37	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 03:27	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 04:17	52.4		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 05:07	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Instrument ID: C.i Start Date: 02/06/2012 09:06

Analysis Batch Number: 33356 End Date: 02/07/2012 08:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-33356/1		02/06/2012 09:06	1	cknq001.d	RTX-624 0.32(mm)
CCVIS 200-33356/2		02/06/2012 10:03	1		RTX-624 0.32(mm)
CCVIS 200-33356/3		02/06/2012 10:54	1	cknq003.d	RTX-624 0.32(mm)
LCS 200-33356/4		02/06/2012 11:45	1	cknq004.d	RTX-624 0.32(mm)
MB 200-33356/5		02/06/2012 12:35	1	cknq005.d	RTX-624 0.32(mm)
ZZZZZ		02/06/2012 13:26	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 14:16	1		RTX-624 0.32(mm)
280-25116-1	774VMP0101AD	02/06/2012 15:06	5	cknq008.d	RTX-624 0.32(mm)
280-25116-2	774VMP0201AD	02/06/2012 15:57	10	cknq009.d	RTX-624 0.32(mm)
280-25116-3	774VMP0301AD	02/06/2012 16:47	10	cknq010.d	RTX-624 0.32(mm)
280-25116-4	776VMP0101AD	02/06/2012 17:37	1	cknq011.d	RTX-624 0.32(mm)
280-25116-5	776VMP0201AD	02/06/2012 18:27	1	cknq012.d	RTX-624 0.32(mm)
280-25116-6	776VMP0301AD	02/06/2012 19:17	1	cknq013.d	RTX-624 0.32(mm)
ZZZZZ		02/06/2012 20:07	1		RTX-624 0.32(mm)
280-25116-8	774776OA1GA	02/06/2012 20:57	1	cknq015.d	RTX-624 0.32(mm)
ZZZZZ		02/06/2012 21:47	1		RTX-624 0.32(mm)
280-25116-10	786VMP0102AD	02/06/2012 22:37	1	cknq017.d	RTX-624 0.32(mm)
280-25116-12	786VMP0302AD	02/06/2012 23:27	1	cknq018.d	RTX-624 0.32(mm)
280-25116-13	774776CA01AF	02/07/2012 00:17	5	cknq019.d	RTX-624 0.32(mm)
280-25116-14	785786CA01AD	02/07/2012 01:06	1	cknq020.d	RTX-624 0.32(mm)
280-25116-15	TRIP BLANK	02/07/2012 01:56	1	cknq021.d	RTX-624 0.32(mm)
ZZZZZ		02/07/2012 02:46	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 03:36	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 04:26	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 05:16	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 06:06	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 06:56	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 08:56	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25116-1

SDG No.:

Instrument ID: C.i Start Date: 02/07/2012 10:29

Analysis Batch Number: 33381 End Date: 02/08/2012 09:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-33381/1		02/07/2012 10:29	1	cknr001.d	RTX-624 0.32(mm)
CCVIS 200-33381/2		02/07/2012 11:23	1	cknr002.d	RTX-624 0.32(mm)
LCS 200-33381/3		02/07/2012 12:21	1	cknr003.d	RTX-624 0.32(mm)
MB 200-33381/4		02/07/2012 13:10	1	cknr004.d	RTX-624 0.32(mm)
ZZZZZ		02/07/2012 14:00	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 14:51	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 15:41	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 16:31	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 17:21	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 18:11	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 19:01	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 19:51	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 20:41	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 21:31	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 22:21	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 23:11	0.2		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 00:01	0.2		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 00:51	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 01:40	1		RTX-624 0.32(mm)
280-25116-9	776IA1FA	02/08/2012 02:30	1.5	cknr020.d	RTX-624 0.32(mm)
ZZZZZ		02/08/2012 03:20	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 04:10	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 05:00	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 05:50	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 06:40	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 07:30	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 08:20	1		RTX-624 0.32(mm)
280-25116-7	774IA1AG	02/08/2012 09:10	4	cknr028.d	RTX-624 0.32(mm)

Air Anomaly Report

Client ID	SDG	ETR	Date Initiated	Initiated By	Test Method(s)
FPM	280-25116		11/30/12	WRD	☒ TO14/TO15 ☐ TO15LL ☐ 3C ☐ 25C

Project Information				FC Equipment Check Results[2]			
				Return Flow Rate			Leak
Lab ID	Canister ID	Anomaly[1] Code	FC Returned (Y/N)	Within Range	High	Low	(Y/N)
7	5150	2	Y	6.7			N
8	3483	2		6.8			N
9	2990	2		6.7			N

[1] (1) Return Pressure is greater than -10 ("Hg) (2) Return Pressure is -1 to Positive ("Hg) (3) Canister Valve was Open on Return

[2] If FC used for sampling was returned with canister, perform the post sampling FC equipment check and record results as follows:

Within Range: Return flow rate was within range for the specified sampling time.

High: Return flow rate was greater than the upper range established for specified sampling time.

Low: Return flow rate was less than the lower range established for specified sampling time.

Leak (Y/N): Y = Leak Detected N = No Leak Detected

Attach Supporting Documentation:

☐ Photocopy of Post Sampling Air Canister Check Record

☐ Photocopy of FC Set Flow Rate and Pressure Gauge Leak Check Record

☐ Photocopy of Field Test Data Sheet or other sampling documents, if provided.

PM & Client Notification & Laboratory Instruction

PM		Date	Client Contact	Date Notified
KAK		2/1/12	Elaine Walker	11/30/12

Lab Action: ☐ Proceed ☐ Hold ☐ Cancel ☐ Other

Authorized By: ☒ PM ☐ Client ☐ Other

Comments/Additional Instructions:

Also sample #11 had valve stuck had open

- Cancel sample 11 - all others proceed.

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
FPM	280-25116	1/30/12	1430	29.6	21	66	WND

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	4872	0.0	N	4631	Y	4155 CKNC	200 ml/min
2	3361	0.0		4868		4360 GGFC	
3	5058	-2.6		4701		3306 CKLB	
4	3334	0.0		4617		↓	
5	3661	0.0		4592		3151 GGFC	
6	4317	0.0	↓	4626		4155 CKNC	↓
7	5150	0.0	Y	3447		3151 GGFC	12hr
8	3483	+1.1 psi		3110		3306 CKLB	
9	2990	0.0	↓	3575		↓	
10	4564	+0.6 psi	N	4588		4360 GGFC	200ml/min
11	4315	0.0		4682		4155 CKNC	Valve had open
12	3338	+0.6 psi		4686	↓	↓	↓
13	5046	0.0		NA	N/A	4360 GGFC	Grab
14	3044	+0.5 psi		NA		4155 CKNC	↓
15	2569	-29.2	↓	NA	↓	3151 GGFC	Trip Blank
				1/30/12			

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # 48/3

Air Anomaly Report

Client ID	SDG	ETR	Date Initiated	Initiated By	Test Method(s)
FPM	280-25116		1/30/12	WRO	☒ TO14/TO15 ☐ TO15LL ☐ 3C ☐ 25C

Project Information	FC Equipment Check Results[2]			

Lab ID	Canister ID	Anomaly[1] Code	FC Returned (Y/N)	Return Flow Rate			Leak (Y/N)
				Within Range	High	Low	
7	5150	2	Y	6.7			N
8	3483	2	I	6.8			N
9	2990	2	I	6.7			N

[1] (1) Return Pressure is greater than -10 ("Hg) (2) Return Pressure is -1 to Positive ("Hg) (3) Canister Valve was Open on Return

[2] If FC used for sampling was returned with canister, perform the post sampling FC equipment check and record results as follows:

Within Range: Return flow rate was within range for the specified sampling time.

High: Return flow rate was greater than the upper range established for specified sampling time.

Low: Return flow rate was less than the lower range established for specified sampling time.

Leak (Y/N): Y = Leak Detected N = No Leak Detected

Attach Supporting Documentation:

☐ Photocopy of Post Sampling Air Canister Check Record

☐ Photocopy of FC Set Flow Rate and Pressure Gauge Leak Check Record

☐ Photocopy of Field Test Data Sheet or other sampling documents, if provided.

PM & Client Notification & Laboratory Instruction

PM		Date	Client Contact	Date Notified

Lab Action:	☐ Proceed	☐ Hold	☐ Cancel	☐ Other
Authorized By:	☐ PM	☐ Client		☐ Other

Comments/Additional Instructions:

Also sample #11 had valve stuck had open

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check							Post-Sampling Check (PSC)						
Date Performed			Analyst	Temp (°C)	BP ("Hg)	FM ID	PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
1/12/12			S	22	29.0	09038603							
FC ID	Sampling Time	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	PSC Code	Shipping Order
4546	N/A	N/A	25	25	DUP	T							
4399	N/A	N/A	25	25	DUP	T							
3749	1hr	80.9	25	25	20	20							4022
4193	1	81	25	25	20	20							1
4185	1	81	25	25	22	22							
4401	NA	N/A	25	25	VAC	GAUGE							
5295	200mL/min	182	25	25	25	25							
2805	125mL	125	25	25	22	22							4028
3981	12hr	6.6	25	25	24	24							3993
3948	1	6.8	25	25	26	26							1
3110	1	6.7	25	25	26	26	6.7	27	27	27	27	1	1
4276	1	6.6	25	25	25	25							1
3575	1	6.8	25	25	26	26	6.8	27	27	28	28	1	1
3947	1	6.7	25	25	25	25	6.7	27	27	27	27	1	1
4415	N/A	N/A	25	25	DUP	T							
4704	200mL/min	181	25	25	25	25							
4706	1	183	25	25	24	24							
5258	1	181	25	25	23	23							
4680	1	180	25	25	25	25							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

Set Flow Rates for Various Sampling Times (mL/min)

Size	30 min	1 hour	2 hour	4 hour	6 hour	8 hour	12 hour	16 hour	24 hour	24 hour (W)
6 Liter	150-195	79-81	38.0-41.5	19.5-20.5	13.3-13.7	9.8-10.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9
1 Liter	NA	13.3-13.7	6.5-6.9	3.2-3.4	NA	NA	NA	NA	NA	NA

NA = Sampling Time is not applicable to canister size W=Winter Setting

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/30/12	WAO	21	29.6	09J40115	5					
2						6					
3						7					
4						8					

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
FPM	280-25116	1/30/12	1430	29.6	21	66	WND

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[5]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	4872	0.0	N	4631	Y	4155 CKNC	200 ml/min.
2	3365	0.0	"	4868	"	4360 GGFC	"
3	5058	-2.6	"	4701	"	3306 CKLB	"
4	3334	0.0	"	4617	"	"	"
5	3661	0.0	"	4592	"	3151 GGFC	"
6	4317	0.0	"	4626	"	4155 CKNC	"
7	5150	0.0	Y	3947	"	3151 GGFC	12hr
8	3483	+1.1 psi	"	3110	"	3306 CKLB	1
9	2990	0.0	"	3575	"	"	"
10	4564	+0.6 psi	N	4588	"	4360 GGFC	200ml/min.
11	4315	0.0	"	4682	"	4155 CKNC	Valve Analyzer
12	3338	+0.6 psi	"	4686	"	"	"
13	5046	0.0	"	NA	N/A	4360 GGFC	Grab
14	3044	+0.5 psi	"	NA	"	4155 CKNC	"
15	2569	-29.2	"	NA	"	3151 GGFC	Trip Blank
				1/30/12			

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # 48/3

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: CKN	Start Date: 1/12/12	Time: 1557	ISTD Lot #: 248052	Instrument ID: C
Test Method: TO15/TO15LLM5	End Date: 1/13/12	Time: 1557	CAL STD Lot # see comment	Instrument: 5973
ICAL Date: 32216 / 32217			ICV / LCS Lot # see comment	Column Type: RTX-624

	Manager INTD	Analyst	Analyst (LIN)	Analyst	Analyst
Name/Initial	Mark Phillips	Paul Daigle	William DesJardins		
Signature	Mark Phillips	Paul Daigle PAD			

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1551	CKN001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1636	002	4635	VIBLK	1	1	200			✓	WRD	
1727	003	2969	Level 01		2				✓		260559
1817	004	3308	Level 02		3				✓		260524
1907	005	2578	Level 03		4				✓		275708
1956	006	3460	Level 04 IS		5				✓		275681
2047	007	3503	Level 05		6				✓		260512
2136	008	3643	Level 06		7				✓		260506
2226	009	3631	Level 07		8				✓		275630
2316	010	4635	VIBLK		1				✓		
2406	011	4635	VIBLK		1				✓		
2456	012	4947	ICV	✓	9			✓	✓		~~260~~ 264634
0146	013	4635	VIBLK	✓	1			✓	✓		
0237	014	4947	LCS	✓	9			✓	✓		264634
0327	015	4635	MB	↓	1	↓		✓	✓		
0417	016	4017	8804-01	52.4	10	53		✓	✓		cdf 13.88 C
0507	017	4834	↓ -02	1	11	200		✓	✓	↓	C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

#33356

Sequence				Standard Traceability		Instrument Information
Batch ID:	CKNQ	Start Date: 2/6/12	Time: 0906	ISTD Lot #:	248052	Instrument ID: C
Test Method:	TO15	End Date: 2/7/12	Time: 0906	CAL STD Lot #	275680	Instrument: 5973
ICAL Date:	32216			ICV / LCS Lot #	283785	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

	Sequence Information							Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0906	C1CKNQ001		BFB	NA	NA	NA	KRD	NA	NA	KRD	
1003	02	3640	not used		1	200		NA	NA		
1054	03	3642	CCV		1	200		NA	✓		AC
1145	04	5015	LCS		2			✓	✓		AC
1235	05	4633	MB		3			✓	✓		
1326	06	3142	8146-8		4	28		✓	✓		282968
1416	07	3544	not used		5	200		✓	✓		279077
1506	08	4872	25116-1	5	6	40		✓	✓		C
1557	09	3361	-2	10	7	20		✓	✓		C
1647	10	5058	-3	10	8	20		✓	✓		C
1737	11	3334	-4		9	200		✓	✓		C
1827	12	3661	-5		10			✓	✓		C
1917	13	4317	-6		11			✓	✓		C
2007	14	5150	-7		12			✓	↑		CDFM 89
2057	15	3483	-8		13			✓	✓		C
2147	16	2990	-9		14			✓	↑		IPA 44
2237	17	4564	-10		15			✓	✓		C
2327	18	3338	-12		16			✓	✓		C
0017	19	5046	-13	5	1	40		✓	✓		C
0106	20	3044	-14	1	2	200		✓	✓		C
0156	21	2569	-15	1	3	1		✓	✓		C
0246	22	2693	250-25094-01	1	4	200	AHK	✓	✓		C
0336	23	2512	-02	1	5			✓	✓		C
0426	24	4795	-03	1	6			✓	✓		C
0516	25	2902	-04	1	7			✓	✓		C
0606	26	4469	-05	1	8			✓	✓		C
0656	27	3037	-06	1	9			✓	✓		C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: CKNQ	Start Date: 2/6/12	Time: 0906	ISTD Lot #:	Instrument ID: C
Test Method: 7015	End Date: 2/7/12	Time: 0906	CAL STD Lot #	Instrument: 5973
ICAL Date:			ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0856	CKNQ028	3642	8146-12	1	11	100	WHD	✓	✓	WHD	225680

2/8/12

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

TALS Batch # 33391

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: CKNR	Start Date: 2/7/12	Time: 1029	ISTD Lot #: 248052	Instrument ID: C
Test Method: TO15	End Date: 2/8/12	Time: 1029	CAL STD Lot # 275680 KP 02/13/12	Instrument: 5973
ICAL Date: 11/3/12			ICV / LCS Lot # ~~227385~~ 283785	Column Type: RTX-624

	Manager	Analyst	Analyst AHK	Analyst	Analyst
Name/Initial			Angela H. Keene		
Signature			Angela H. Keene		

	Sequence Information							Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1029	CKNR001	NA	BFB	NA	NA	NA	UHD	NA	✓	UHD	ok
1123	02	3642	CCV		1	200		NA	✓		AG
1221	03	5015	LCS		2			✓	✓		AG
1310	04	4633	MB		3			✓	✓	AHK	ok
1400	05	4913	25294-7	1	4	200		✓	✓	AHK	C
1451	06	4101	9234-3	0.2	5	1000		✓	✓	AHK	C
1541	07	4139	-2		6			✓	✓		C
1631	08	3270	-1		7			✓	✓		C
1721	09	4408	-4		8			✓	✓		C
1811	10	4128	-5		9			✓	✓		C
1901	11	4811	-6		10			✓	✓		C
1951	12	4820	-7		11			✓	✓		C
2041	13	4826	-8		12			✓	✓		C
2131	14	4009	-9		13			✓	✓		C
2221	15	5048	-10		14			✓	✓		C
2311	16	4827	-11		15			✓	✓		C
0001	17	4569	-12		16			✓	✓		C
0051	18	4846	9238-05	0.2 AHK 2/7/12	1	200	AHK	✓	✓		C
0140	19	4672	9239-08	1	2	200		✓	✓		C
0230	20	2990	250-25116-09	1.50	3	133		✓	✓		C
0320	21	3457	9224-01	1	4	200		✓	✓		C
0410	22	4808	-02	1	5			✓	✓		C
0500	23	4066	-03	1	6			✓	✓		C
0550	24	3346	-04	1	7			✓	✓		C
0640	25	4142	-05	1	8			✓	✓		C
0730	26	3275	-06	1	9			✓	✓		C
0820	27	3303	-07	1	10			✓	✓		C
0910	28	5150	250-25116-7	4	11			✓	✓		C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

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02/28/2012

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-25116-1

Login Number: 25116

List Source: TestAmerica Denver

List Number: 1

Creator: Dreesen, Julie L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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: 280-25116-1

Login Number: 25116
List Number: 1
Creator: Holt, Jamie

List Source: TestAmerica Burlington
List Creation: 01/30/12 12:53 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	418280, 282, 283, 419474, 473
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-25294-1

Job Description: Griffiss AFB 1015-11-01 SVI

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

Attention: Daniel Baldyga



Approved for release.
Donna R Rydberg
Project Manager II
2/29/2012 2:22 PM

Designee for
Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
02/29/2012

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
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ACCREDITED IN ACCORDANCE WITH nelac

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CASE NARRATIVE

CASE NARRATIVE

Client: FPM Remediations Inc

Project: Griffiss AFB 1015-11-01 SVI

Report Number: 280-25294-1

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

Seven samples were received at the TestAmerica Burlington laboratory on February 3, 2012. The samples arrived in good condition. The samples were received at ambient temperature.

There was a discrepancy between the container label and the chain of custody for sample 785VMP0501AC (280-25294-6). The container label lists collection time as 1506. The COC lists collection time as 1522. The sample collection time listed on the chain of custody was logged.

Upon receipt at the laboratory the return pressure of the canisters associated with this job were checked. Samples 785IA07, 786IA06 and 785786OA03 had return pressures that were outside the laboratory's guidance range of -1 to -10 in Hg. The client was notified on 2/6/2012 and the samples were analyzed.

EPA-21

Samples 785IA07 (280-25294-1), 785IA06 (280-25294-2), 785786OA03 (280-25294-3), 785VMP0202AG (280-25294-4), 785VMP0401AD (280-25294-5), 785VMP0501AC (280-25294-6) and TRIP BLANK (280-25294-7) were analyzed for EPA-21 in accordance with TO-15.

Acetone and 1,2,4-Trichlorobenzene were detected in method blank MB 200-33356/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

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.: 280-25294-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/3 Client Sample ID:

Date Analyzed: 01/12/12 17:27 Lab File ID: ckn003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	6.52	Baseline event	wrd	01/13/12 08:14
1,1-Dichloroethane	9.95	Peak not found by the data system	wrd	01/13/12 08:15
1,2-Dichloroethane	12.04	Peak not found by the data system	wrd	01/13/12 08:16

Lab Sample ID: IC 200-32216/4 Client Sample ID:

Date Analyzed: 01/12/12 18:17 Lab File ID: ckn004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.36	Baseline event	wrd	01/13/12 08:18

Lab Sample ID: IC 200-32216/5 Client Sample ID:

Date Analyzed: 01/12/12 19:07 Lab File ID: ckn005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:19
Acetonitrile	8.74	Baseline event	wrd	01/13/12 08:20

Lab Sample ID: ICIS 200-32216/6 Client Sample ID:

Date Analyzed: 01/12/12 19:56 Lab File ID: ckn006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:21
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/7 Client Sample ID:

Date Analyzed: 01/12/12 20:47 Lab File ID: ckn007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:22
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:22

Lab Sample ID: IC 200-32216/8 Client Sample ID:

Date Analyzed: 01/12/12 21:37 Lab File ID: ckn008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:23
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:24

Lab Sample ID: IC 200-32216/9 Client Sample ID:

Date Analyzed: 01/12/12 22:26 Lab File ID: ckn009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:25
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:25

Lab Sample ID: ICV 200-32216/12 Client Sample ID:

Date Analyzed: 01/13/12 00:56 Lab File ID: ckn012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:30
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:33

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33356

Lab Sample ID: CCVIS 200-33356/3 Client Sample ID:

Date Analyzed: 02/06/12 10:54 Lab File ID: cknq003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/06/12 11:34
Acetonitrile	8.71	Baseline event	wrd	02/06/12 11:34

Lab Sample ID: LCS 200-33356/4 Client Sample ID:

Date Analyzed: 02/06/12 11:45 Lab File ID: cknq004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/08/12 11:54

Lab Sample ID: 280-25294-1 Client Sample ID: 785IA07

Date Analyzed: 02/07/12 02:46 Lab File ID: cknq022.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	5.52	Baseline event	wrd	02/08/12 11:25

Lab Sample ID: 280-25294-2 Client Sample ID: 785IA06

Date Analyzed: 02/07/12 03:36 Lab File ID: cknq023.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2,4-Trimethylpentane	11.89	Baseline event	wrd	02/08/12 11:27

Lab Sample ID: 280-25294-3 Client Sample ID: 785786OA03

Date Analyzed: 02/07/12 04:26 Lab File ID: cknq024.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	8.00	Baseline event	wrd	02/08/12 11:29
Isopropyl alcohol	8.38	Baseline event	wrd	02/08/12 11:30

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33356

Lab Sample ID: 280-25294-4 Client Sample ID: 785VMP0202AG

Date Analyzed: 02/07/12 05:16 Lab File ID: cknq025.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	8.24	Baseline event	wrd	02/08/12 11:31
Carbon tetrachloride	11.63	Baseline event	wrd	02/08/12 11:31

Lab Sample ID: 280-25294-5 Client Sample ID: 785VMP0401AD

Date Analyzed: 02/07/12 06:06 Lab File ID: cknq026.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	7.99	Baseline event	wrd	02/08/12 11:33

Lab Sample ID: 280-25294-6 Client Sample ID: 785VMP0501AC

Date Analyzed: 02/07/12 06:56 Lab File ID: cknq027.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	11.43	Baseline event	wrd	02/08/12 11:34

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33381

Lab Sample ID: CCVIS 200-33381/2 Client Sample ID:

Date Analyzed: 02/07/12 11:23 Lab File ID: cknr002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Poor chromatography	ahk	02/08/12 20:25
Acetonitrile	8.71	Poor chromatography	ahk	02/08/12 20:26

Lab Sample ID: LCS 200-33381/3 Client Sample ID:

Date Analyzed: 02/07/12 12:21 Lab File ID: cknr003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Poor chromatography	ahk	02/08/12 20:30

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-25294-1	785IA07	Air	01/27/2012 1230	02/03/2012 1000
280-25294-2	785IA06	Air	01/27/2012 1140	02/03/2012 1000
280-25294-3	785786OA03	Air	01/27/2012 1240	02/03/2012 1000
280-25294-4	785VMP0202AG	Air	01/31/2012 1506	02/03/2012 1000
280-25294-5	785VMP0401AD	Air	01/31/2012 1600	02/03/2012 1000
280-25294-6	785VMP0501AC	Air	01/31/2012 1522	02/03/2012 1000
280-25294-7TB	TRIP BLANK	Air	01/31/2012 1700	02/03/2012 1000

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25294-1	**785IA07**					
Dichlorodifluoromethane		0.57		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.8		2.5	ug/m3	TO-15
Chloromethane		0.58	M	0.50	ppb v/v	TO-15
Chloromethane		1.2	M	1.0	ug/m3	TO-15
n-Butane		0.84		0.50	ppb v/v	TO-15
n-Butane		2.0		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		0.071	J	0.20	ppb v/v	TO-15
Freon TF		0.54	J	1.5	ug/m3	TO-15
Acetone		1.1	J	5.0	ppb v/v	TO-15
Acetone		2.6	J	12	ug/m3	TO-15
n-Hexane		0.56		0.20	ppb v/v	TO-15
n-Hexane		2.0		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.10	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.30	J	1.5	ug/m3	TO-15
Cyclohexane		0.10	J	0.20	ppb v/v	TO-15
Cyclohexane		0.34	J	0.69	ug/m3	TO-15
Carbon tetrachloride		0.083	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.53	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.062	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.29	J	0.93	ug/m3	TO-15
Benzene		0.18	J	0.20	ppb v/v	TO-15
Benzene		0.58	J	0.64	ug/m3	TO-15
n-Heptane		0.091	J	0.20	ppb v/v	TO-15
n-Heptane		0.37	J	0.82	ug/m3	TO-15
Toluene		0.37		0.20	ppb v/v	TO-15
Toluene		1.4		0.75	ug/m3	TO-15
Ethylbenzene		0.030	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.13	J	0.87	ug/m3	TO-15
m,p-Xylene		0.067	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.29	J	2.2	ug/m3	TO-15
Xylene, o-		0.024	J	0.20	ppb v/v	TO-15
Xylene, o-		0.11	J	0.87	ug/m3	TO-15
Xylene (total)		0.092	J	0.20	ppb v/v	TO-15
Xylene (total)		0.40	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25294-2	**785IA06**					
Dichlorodifluoromethane		0.56		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.8		2.5	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		0.95		0.50	ppb v/v	TO-15
n-Butane		2.3		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		0.074	J	0.20	ppb v/v	TO-15
Freon TF		0.56	J	1.5	ug/m3	TO-15
Acetone		1.4	J	5.0	ppb v/v	TO-15
Acetone		3.3	J	12	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
n-Hexane		0.38		0.20	ppb v/v	TO-15
n-Hexane		1.3		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
Cyclohexane		0.082	J	0.20	ppb v/v	TO-15
Cyclohexane		0.28	J	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		0.087	J M	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.41	J M	0.93	ug/m3	TO-15
Benzene		0.23		0.20	ppb v/v	TO-15
Benzene		0.75		0.64	ug/m3	TO-15
n-Heptane		0.12	J	0.20	ppb v/v	TO-15
n-Heptane		0.48	J	0.82	ug/m3	TO-15
methyl isobutyl ketone		0.63		0.50	ppb v/v	TO-15
methyl isobutyl ketone		2.6		2.0	ug/m3	TO-15
Toluene		0.65		0.20	ppb v/v	TO-15
Toluene		2.4		0.75	ug/m3	TO-15
Ethylbenzene		0.15	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.67	J	0.87	ug/m3	TO-15
m,p-Xylene		0.42	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.8	J	2.2	ug/m3	TO-15
Xylene, o-		0.12	J	0.20	ppb v/v	TO-15
Xylene, o-		0.51	J	0.87	ug/m3	TO-15
Xylene (total)		0.54		0.20	ppb v/v	TO-15
Xylene (total)		2.3		0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25294-3	**785786OA03**					
Dichlorodifluoromethane		0.56		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.8		2.5	ug/m3	TO-15
Chloromethane		0.59		0.50	ppb v/v	TO-15
Chloromethane		1.2		1.0	ug/m3	TO-15
n-Butane		0.80		0.50	ppb v/v	TO-15
n-Butane		1.9		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		0.077	J M	0.20	ppb v/v	TO-15
Freon TF		0.59	J M	1.5	ug/m3	TO-15
Acetone		8.1		5.0	ppb v/v	TO-15
Acetone		19		12	ug/m3	TO-15
Isopropyl alcohol		0.55	J M	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.3	J M	12	ug/m3	TO-15
Methylene Chloride		0.15	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.53	J	1.7	ug/m3	TO-15
n-Hexane		0.63		0.20	ppb v/v	TO-15
n-Hexane		2.2		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.31	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.92	J	1.5	ug/m3	TO-15
Cyclohexane		0.18	J	0.20	ppb v/v	TO-15
Cyclohexane		0.63	J	0.69	ug/m3	TO-15
Carbon tetrachloride		0.083	J	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.52	J	1.3	ug/m3	TO-15
2,2,4-Trimethylpentane		0.072	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.34	J	0.93	ug/m3	TO-15
Benzene		0.17	J	0.20	ppb v/v	TO-15
Benzene		0.56	J	0.64	ug/m3	TO-15
n-Heptane		0.13	J	0.20	ppb v/v	TO-15
n-Heptane		0.55	J	0.82	ug/m3	TO-15
Toluene		0.15	J	0.20	ppb v/v	TO-15
Toluene		0.57	J	0.75	ug/m3	TO-15
m,p-Xylene		0.070	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.30	J	2.2	ug/m3	TO-15
Xylene (total)		0.070	J	0.20	ppb v/v	TO-15
Xylene (total)		0.30	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25294-4	**785VMP0202AG**					
Dichlorodifluoromethane		0.58		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.9		2.5	ug/m3	TO-15
Chloromethane		1.7		0.50	ppb v/v	TO-15
Chloromethane		3.5		1.0	ug/m3	TO-15
n-Butane		0.27	J	0.50	ppb v/v	TO-15
n-Butane		0.64	J	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		0.075	J	0.20	ppb v/v	TO-15
Freon TF		0.58	J	1.5	ug/m3	TO-15
Acetone		0.32	J M	5.0	ppb v/v	TO-15
Acetone		0.76	J M	12	ug/m3	TO-15
Tetrahydrofuran		1.6	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		4.6	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.10	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.57	J	1.1	ug/m3	TO-15
Carbon tetrachloride		0.078	J M	0.20	ppb v/v	TO-15
Carbon tetrachloride		0.49	J M	1.3	ug/m3	TO-15
Trichloroethene		0.19	J	0.20	ppb v/v	TO-15
Trichloroethene		1.0	J	1.1	ug/m3	TO-15
Toluene		0.096	J	0.20	ppb v/v	TO-15
Toluene		0.36	J	0.75	ug/m3	TO-15
m,p-Xylene		0.048	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.21	J	2.2	ug/m3	TO-15
Xylene (total)		0.048	J	0.20	ppb v/v	TO-15
Xylene (total)		0.21	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25294-5	**785VMP0401AD**					
Dichlorodifluoromethane		0.58		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.9		2.5	ug/m3	TO-15
n-Butane		1.9		0.50	ppb v/v	TO-15
n-Butane		4.6		1.2	ug/m3	TO-15
Trichlorofluoromethane		0.25		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4		1.1	ug/m3	TO-15
Freon TF		0.076	J M	0.20	ppb v/v	TO-15
Freon TF		0.58	J M	1.5	ug/m3	TO-15
Acetone		2.1	J	5.0	ppb v/v	TO-15
Acetone		4.9	J	12	ug/m3	TO-15
Isopropyl alcohol		0.93	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		2.3	J	12	ug/m3	TO-15
Carbon disulfide		0.35	J	0.50	ppb v/v	TO-15
Carbon disulfide		1.1	J	1.6	ug/m3	TO-15
Methylene Chloride		0.12	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.43	J	1.7	ug/m3	TO-15
n-Hexane		0.26		0.20	ppb v/v	TO-15
n-Hexane		0.91		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.28	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.82	J	1.5	ug/m3	TO-15
Cyclohexane		0.10	J	0.20	ppb v/v	TO-15
Cyclohexane		0.34	J	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		0.12	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.58	J	0.93	ug/m3	TO-15
Benzene		0.20		0.20	ppb v/v	TO-15
Benzene		0.64		0.64	ug/m3	TO-15
n-Heptane		0.11	J	0.20	ppb v/v	TO-15
n-Heptane		0.45	J	0.82	ug/m3	TO-15
Trichloroethene		0.66		0.20	ppb v/v	TO-15
Trichloroethene		3.5		1.1	ug/m3	TO-15
Toluene		0.60		0.20	ppb v/v	TO-15
Toluene		2.2		0.75	ug/m3	TO-15
Ethylbenzene		0.13	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.58	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-		0.46	J	0.87	ug/m3	TO-15
Xylene (total)		0.37		0.20	ppb v/v	TO-15
Xylene (total)		1.6		0.87	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.092	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: 280-25294-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25294-6	**785VMP0501AC**					
Dichlorodifluoromethane		0.57		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.8		2.5	ug/m3	TO-15
n-Butane		2.0		0.50	ppb v/v	TO-15
n-Butane		4.8		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
Acetone		0.98	J	5.0	ppb v/v	TO-15
Acetone		2.3	J	12	ug/m3	TO-15
n-Hexane		0.98		0.20	ppb v/v	TO-15
n-Hexane		3.5		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.13	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.37	J	1.5	ug/m3	TO-15
Tetrahydrofuran		0.070	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.21	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.097	J M	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.53	J M	1.1	ug/m3	TO-15
Cyclohexane		0.31		0.20	ppb v/v	TO-15
Cyclohexane		1.1		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		0.28		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		1.3		0.93	ug/m3	TO-15
Benzene		0.20		0.20	ppb v/v	TO-15
Benzene		0.64		0.64	ug/m3	TO-15
n-Heptane		0.17	J	0.20	ppb v/v	TO-15
n-Heptane		0.70	J	0.82	ug/m3	TO-15
Trichloroethene		3.4		0.20	ppb v/v	TO-15
Trichloroethene		18		1.1	ug/m3	TO-15
Toluene		0.44		0.20	ppb v/v	TO-15
Toluene		1.6		0.75	ug/m3	TO-15
Ethylbenzene		0.42		0.20	ppb v/v	TO-15
Ethylbenzene		1.8		0.87	ug/m3	TO-15
m,p-Xylene		0.83		0.50	ppb v/v	TO-15
m,p-Xylene		3.6		2.2	ug/m3	TO-15
Xylene, o-		0.40		0.20	ppb v/v	TO-15
Xylene, o-		1.7		0.87	ug/m3	TO-15
Xylene (total)		1.2		0.20	ppb v/v	TO-15
Xylene (total)		5.3		0.87	ug/m3	TO-15
Cumene		0.083	J	0.20	ppb v/v	TO-15
Cumene		0.41	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25294-7TB	**TRIP BLANK**					
Acetone		0.87	J	5.0	ppb v/v	TO-15
Acetone		2.1	J	12	ug/m3	TO-15
Isopropyl alcohol		0.67	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.6	J	12	ug/m3	TO-15
Methylene Chloride		0.15	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.52	J	1.7	ug/m3	TO-15
n-Hexane		0.42		0.20	ppb v/v	TO-15
n-Hexane		1.5		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.11	J	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		0.33	J	1.5	ug/m3	TO-15
Cyclohexane		0.22		0.20	ppb v/v	TO-15
Cyclohexane		0.76		0.69	ug/m3	TO-15
2,2,4-Trimethylpentane		0.077	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.36	J	0.93	ug/m3	TO-15
n-Heptane		0.12	J	0.20	ppb v/v	TO-15
n-Heptane		0.48	J	0.82	ug/m3	TO-15
Toluene		0.20		0.20	ppb v/v	TO-15
Toluene		0.77		0.75	ug/m3	TO-15
m,p-Xylene		0.055	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.24	J	2.2	ug/m3	TO-15
Xylene (total)		0.055	J	0.20	ppb v/v	TO-15
Xylene (total)		0.24	J	0.87	ug/m3	TO-15

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25294-1

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: 280-25294-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD
EPA TO-15	Keene, Angela H	AHK

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA07**

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.58	M	0.013	0.50
n-Butane	0.84		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.034	0.20
Freon TF	0.071	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	1.1	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.56		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.10	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.10	J	0.039	0.20
Carbon tetrachloride	0.083	J	0.033	0.20
2,2,4-Trimethylpentane	0.062	J	0.036	0.20
Benzene	0.18	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.091	J	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.37		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA07**

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.030	J	0.022	0.20
m,p-Xylene	0.067	J	0.048	0.50
Xylene, o-	0.024	J	0.022	0.20
Xylene (total)	0.092	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2	M	0.027	1.0
n-Butane	2.0		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.54	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	2.6	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA07**

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	2.0		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.30	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.34	J	0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.29	J	0.17	0.93
Benzene	0.58	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.37	J	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	1.4		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.13	J	0.096	0.87
m,p-Xylene	0.29	J	0.21	2.2
Xylene, o-	0.11	J	0.096	0.87
Xylene (total)	0.40	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA07**

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA06**

Lab Sample ID: 280-25294-2
Client Matrix: Air

Date Sampled: 01/27/2012 1140
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.58		0.013	0.50
n-Butane	0.95		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.074	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	1.4	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.19	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.38		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.26	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.082	J	0.039	0.20
Carbon tetrachloride	0.085	J	0.033	0.20
2,2,4-Trimethylpentane	0.087	J M	0.036	0.20
Benzene	0.23		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.12	J	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.63		0.026	0.50
Toluene	0.65		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA06**

Lab Sample ID: 280-25294-2
Client Matrix: Air

Date Sampled: 01/27/2012 1140
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.15	J	0.022	0.20
m,p-Xylene	0.42	J	0.048	0.50
Xylene, o-	0.12	J	0.022	0.20
Xylene (total)	0.54		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2		0.027	1.0
n-Butane	2.3		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.56	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	3.3	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA06**

Lab Sample ID: 280-25294-2
Client Matrix: Air

Date Sampled: 01/27/2012 1140
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.67	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.3		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.76	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.28	J	0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.41	J M	0.17	0.93
Benzene	0.75		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.48	J	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	2.6		0.11	2.0
Toluene	2.4		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.67	J	0.096	0.87
m,p-Xylene	1.8	J	0.21	2.2
Xylene, o-	0.51	J	0.096	0.87
Xylene (total)	2.3		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785IA06**

Lab Sample ID: 280-25294-2
Client Matrix: Air

Date Sampled: 01/27/2012 1140
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785786OA03**

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.59		0.013	0.50
n-Butane	0.80		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.077	J M	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	8.1		0.045	5.0
Isopropyl alcohol	0.55	J M	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.15	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.63		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.31	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.18	J	0.039	0.20
Carbon tetrachloride	0.083	J	0.033	0.20
2,2,4-Trimethylpentane	0.072	J	0.036	0.20
Benzene	0.17	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.13	J	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.15	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785786OA03**

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.070	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.070	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2		0.027	1.0
n-Butane	1.9		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.59	J M	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	19		0.11	12
Isopropyl alcohol	1.3	J M	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785786OA03**

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.53	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	2.2		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.92	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.63	J	0.13	0.69
Carbon tetrachloride	0.52	J	0.21	1.3
2,2,4-Trimethylpentane	0.34	J	0.17	0.93
Benzene	0.56	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.55	J	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.57	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.30	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.30	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785786OA03**

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0202AG**

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	1.7		0.013	0.50
n-Butane	0.27	J	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.075	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.32	J M	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	1.6	J	0.018	5.0
1,1,1-Trichloroethane	0.10	J	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.078	J M	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.19	J	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.096	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0202AG**

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.048	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.048	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	3.5		0.027	1.0
n-Butane	0.64	J	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.58	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.76	J M	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0202AG**

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	4.6	J	0.053	15
1,1,1-Trichloroethane	0.57	J	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.49	J M	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	1.0	J	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.36	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.21	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.21	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0202AG**

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0401AD**

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	1.9		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.076	J M	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	2.1	J	0.045	5.0
Isopropyl alcohol	0.93	J	0.037	5.0
Carbon disulfide	0.35	J	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.12	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.26		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.28	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.10	J	0.039	0.20
Carbon tetrachloride	0.081	J	0.033	0.20
2,2,4-Trimethylpentane	0.12	J	0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.11	J	0.010	0.20
Trichloroethene	0.66		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.60		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0401AD**

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.13	J	0.022	0.20
m,p-Xylene	0.26	J	0.048	0.50
Xylene, o-	0.10	J	0.022	0.20
Xylene (total)	0.37		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.092	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	4.6		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.58	J M	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	4.9	J	0.11	12
Isopropyl alcohol	2.3	J	0.091	12
Carbon disulfide	1.1	J	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0401AD**

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.43	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.91		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.82	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.34	J	0.13	0.69
Carbon tetrachloride	0.51	J	0.21	1.3
2,2,4-Trimethylpentane	0.58	J	0.17	0.93
Benzene	0.64		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.45	J	0.041	0.82
Trichloroethene	3.5		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	2.2		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.58	J	0.096	0.87
m,p-Xylene	1.1	J	0.21	2.2
Xylene, o-	0.46	J	0.096	0.87
Xylene (total)	1.6		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0401AD**

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.45	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0501AC**

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	2.0		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.98	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.98		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.13	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.070	J	0.018	5.0
1,1,1-Trichloroethane	0.097	J M	0.035	0.20
Cyclohexane	0.31		0.039	0.20
Carbon tetrachloride	0.076	J	0.033	0.20
2,2,4-Trimethylpentane	0.28		0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.17	J	0.010	0.20
Trichloroethene	3.4		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.44		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0501AC**

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.42		0.022	0.20
m,p-Xylene	0.83		0.048	0.50
Xylene, o-	0.40		0.022	0.20
Xylene (total)	1.2		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.083	J	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	4.8		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	2.3	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0501AC**

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	3.5		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.37	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.21	J	0.053	15
1,1,1-Trichloroethane	0.53	J M	0.19	1.1
Cyclohexane	1.1		0.13	0.69
Carbon tetrachloride	0.48	J	0.21	1.3
2,2,4-Trimethylpentane	1.3		0.17	0.93
Benzene	0.64		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.70	J	0.041	0.82
Trichloroethene	18		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	1.6		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	1.8		0.096	0.87
m,p-Xylene	3.6		0.21	2.2
Xylene, o-	1.7		0.096	0.87
Xylene (total)	5.3		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.41	J	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0501AC**

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25294-7TB

Client Matrix: Air

Date Sampled: 01/31/2012 1700

Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.87	J	0.045	5.0
Isopropyl alcohol	0.67	J	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.15	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.42		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.11	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.22		0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.077	J	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.12	J	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.20		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25294-7TB

Client Matrix: Air

Date Sampled: 01/31/2012 1700

Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.055	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.055	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	2.1	J	0.11	12
Isopropyl alcohol	1.6	J	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25294-7TB
Client Matrix: Air

Date Sampled: 01/31/2012 1700
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.52	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.5		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.33	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.76		0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.36	J	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.48	J	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.77		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.24	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.24	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25294-7TB

Client Matrix: Air

Date Sampled: 01/31/2012 1700

Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.279	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.040	U	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.011	0.20
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.0562	J	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Client: FPM Remediations Inc

Job Number: 280-25294-1

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.66	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.15	U	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1

Client: FPM Remediations Inc

Job Number: 280-25294-1

Method Blank - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33356/5	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1235	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1235			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.42	J	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Control Sample - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33356/4	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1145	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1145			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.9	109	70 - 130	
Freon 22	10.0	9.99	100	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.2	102	70 - 130	
Chloromethane	10.0	9.62	96	70 - 130	
n-Butane	10.0	9.16	92	70 - 130	
Vinyl chloride	10.0	9.61	96	70 - 130	
1,3-Butadiene	10.0	9.72	97	70 - 130	
Bromomethane	10.0	9.19	92	70 - 130	
Chloroethane	10.0	8.88	89	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.75	98	70 - 130	
Trichlorofluoromethane	10.0	10.8	108	70 - 130	
Freon TF	10.0	10.7	107	70 - 130	
1,1-Dichloroethene	10.0	10.6	106	70 - 130	
Acetone	10.0	10.3	103	70 - 130	
Isopropyl alcohol	10.0	10.1	101	70 - 130	
Carbon disulfide	10.0	9.70	97	70 - 130	
3-Chloropropene	10.0	8.97	90	70 - 130	M
Methylene Chloride	10.0	10.2	102	70 - 130	
tert-Butyl alcohol	10.0	10.3	103	70 - 130	
Methyl tert-butyl ether	10.0	10.7	107	70 - 130	
trans-1,2-Dichloroethene	10.0	9.74	97	70 - 130	
n-Hexane	10.0	9.44	94	70 - 130	
1,1-Dichloroethane	10.0	9.99	100	70 - 130	
Methyl Ethyl Ketone	10.0	9.77	98	70 - 130	
cis-1,2-Dichloroethene	10.0	9.80	98	70 - 130	
Chloroform	10.0	10.5	105	70 - 130	
Tetrahydrofuran	10.0	10.4	104	70 - 130	
1,1,1-Trichloroethane	10.0	11.0	110	70 - 130	
Cyclohexane	10.0	9.62	96	70 - 130	
Carbon tetrachloride	10.0	11.3	113	70 - 130	
2,2,4-Trimethylpentane	10.0	9.81	98	70 - 130	
Benzene	10.0	9.63	96	70 - 130	
1,2-Dichloroethane	10.0	10.7	107	70 - 130	
n-Heptane	10.0	9.71	97	70 - 130	
Trichloroethene	10.0	9.97	100	70 - 130	
Methyl methacrylate	10.0	10.3	103	70 - 130	
1,2-Dichloropropane	10.0	9.61	96	70 - 130	
1,4-Dioxane	10.0	9.56	96	70 - 130	
Bromodichloromethane	10.0	11.2	112	70 - 130	
cis-1,3-Dichloropropene	10.0	10.2	102	70 - 130	
methyl isobutyl ketone	10.0	10.9	109	70 - 130	
Toluene	10.0	9.37	94	70 - 130	
trans-1,3-Dichloropropene	10.0	10.4	104	70 - 130	
1,1,2-Trichloroethane	10.0	9.41	94	70 - 130	
Tetrachloroethene	10.0	9.15	91	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5	105	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Control Sample - Batch: 200-33356

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33356/4	Analysis Batch:	200-33356	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknq004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1145	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1145			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	11.0	110	70 - 130	
1,2-Dibromoethane	10.0	9.62	96	70 - 130	
Chlorobenzene	10.0	9.40	94	70 - 130	
Ethylbenzene	10.0	10.1	101	70 - 130	
m,p-Xylene	20.0	19.4	97	70 - 130	
Xylene, o-	10.0	9.76	98	70 - 130	
Styrene	10.0	9.94	99	70 - 130	
Bromoform	10.0	10.7	107	70 - 130	
Cumene	10.0	10.5	105	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.68	97	70 - 130	
n-Propylbenzene	10.0	10.6	106	70 - 130	
4-Ethyltoluene	10.0	10.9	109	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.6	106	70 - 130	
2-Chlorotoluene	10.0	10.7	107	70 - 130	
tert-Butylbenzene	10.0	10.8	108	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130	
sec-Butylbenzene	10.0	10.8	108	70 - 130	
4-Isopropyltoluene	10.0	10.9	109	70 - 130	
1,3-Dichlorobenzene	10.0	9.69	97	70 - 130	
1,4-Dichlorobenzene	10.0	9.57	96	70 - 130	
Benzyl chloride	10.0	11.2	112	70 - 130	
n-Butylbenzene	10.0	11.3	113	70 - 130	
1,2-Dichlorobenzene	10.0	9.50	95	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.26	93	70 - 130	
Hexachlorobutadiene	10.0	9.25	93	70 - 130	
Naphthalene	10.0	9.83	98	70 - 130	

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.13	U	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.040	U	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.011	0.20
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.31	U	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.15	U	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1

Client: FPM Remediations Inc

Job Number: 280-25294-1

Method Blank - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33381/4	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1310	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1310			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Control Sample - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33381/3	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1221	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1221			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.4	114	70 - 130	
Freon 22	10.0	10.3	103	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.3	103	70 - 130	
Chloromethane	10.0	9.78	98	70 - 130	
n-Butane	10.0	9.34	93	70 - 130	
Vinyl chloride	10.0	9.63	96	70 - 130	
1,3-Butadiene	10.0	9.93	99	70 - 130	
Bromomethane	10.0	9.32	93	70 - 130	
Chloroethane	10.0	9.10	91	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.91	99	70 - 130	
Trichlorofluoromethane	10.0	11.4	114	70 - 130	
Freon TF	10.0	11.4	114	70 - 130	
1,1-Dichloroethene	10.0	11.2	112	70 - 130	
Acetone	10.0	10.4	104	70 - 130	
Isopropyl alcohol	10.0	10.8	108	70 - 130	
Carbon disulfide	10.0	10.1	101	70 - 130	
3-Chloropropene	10.0	9.88	99	70 - 130	M
Methylene Chloride	10.0	10.9	109	70 - 130	
tert-Butyl alcohol	10.0	10.9	109	70 - 130	
Methyl tert-butyl ether	10.0	10.7	107	70 - 130	
trans-1,2-Dichloroethene	10.0	10.5	105	70 - 130	
n-Hexane	10.0	10.0	100	70 - 130	
1,1-Dichloroethane	10.0	10.5	105	70 - 130	
Methyl Ethyl Ketone	10.0	9.58	96	70 - 130	
cis-1,2-Dichloroethene	10.0	10.2	102	70 - 130	
Chloroform	10.0	11.0	110	70 - 130	
Tetrahydrofuran	10.0	9.90	99	70 - 130	
1,1,1-Trichloroethane	10.0	11.5	115	70 - 130	
Cyclohexane	10.0	9.94	99	70 - 130	
Carbon tetrachloride	10.0	11.8	118	70 - 130	
2,2,4-Trimethylpentane	10.0	10.0	100	70 - 130	
Benzene	10.0	9.78	98	70 - 130	
1,2-Dichloroethane	10.0	11.3	113	70 - 130	
n-Heptane	10.0	10.0	101	70 - 130	
Trichloroethene	10.0	10.5	105	70 - 130	
Methyl methacrylate	10.0	10.0	100	70 - 130	
1,2-Dichloropropane	10.0	9.70	97	70 - 130	
1,4-Dioxane	10.0	9.91	99	70 - 130	
Bromodichloromethane	10.0	11.5	115	70 - 130	
cis-1,3-Dichloropropene	10.0	10.2	102	70 - 130	
methyl isobutyl ketone	10.0	10.7	107	70 - 130	
Toluene	10.0	9.60	96	70 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130	
1,1,2-Trichloroethane	10.0	9.59	96	70 - 130	
Tetrachloroethene	10.0	9.56	96	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Control Sample - Batch: 200-33381

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33381/3	Analysis Batch:	200-33381	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknr003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1221	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1221			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	10.0	100	70 - 130	
Chlorobenzene	10.0	9.62	96	70 - 130	
Ethylbenzene	10.0	10.2	102	70 - 130	
m,p-Xylene	20.0	19.5	97	70 - 130	
Xylene, o-	10.0	9.89	99	70 - 130	
Styrene	10.0	10.0	100	70 - 130	
Bromoform	10.0	11.1	111	70 - 130	
Cumene	10.0	10.7	107	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.86	99	70 - 130	
n-Propylbenzene	10.0	10.8	108	70 - 130	
4-Ethyltoluene	10.0	11.0	110	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.8	108	70 - 130	
2-Chlorotoluene	10.0	10.9	109	70 - 130	
tert-Butylbenzene	10.0	11.0	110	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.7	107	70 - 130	
sec-Butylbenzene	10.0	11.0	110	70 - 130	
4-Isopropyltoluene	10.0	11.0	110	70 - 130	
1,3-Dichlorobenzene	10.0	9.83	98	70 - 130	
1,4-Dichlorobenzene	10.0	9.75	97	70 - 130	
Benzyl chloride	10.0	11.2	112	70 - 130	
n-Butylbenzene	10.0	11.4	114	70 - 130	
1,2-Dichlorobenzene	10.0	9.63	96	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.47	95	70 - 130	
Hexachlorobutadiene	10.0	9.46	95	70 - 130	
Naphthalene	10.0	10.0	100	70 - 130	

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-25294-1

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: 280-25294-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-33356					
LCS 200-33356/4	Lab Control Sample	T	Air	TO-15	
MB 200-33356/5	Method Blank	T	Air	TO-15	
280-25294-1	785IA07	T	Air	TO-15	
280-25294-2	785IA06	T	Air	TO-15	
280-25294-3	785786OA03	T	Air	TO-15	
280-25294-4	785VMP0202AG	T	Air	TO-15	
280-25294-5	785VMP0401AD	T	Air	TO-15	
280-25294-6	785VMP0501AC	T	Air	TO-15	
Analysis Batch:200-33381					
LCS 200-33381/3	Lab Control Sample	T	Air	TO-15	
MB 200-33381/4	Method Blank	T	Air	TO-15	
280-25294-7TB	TRIP BLANK	T	Air	TO-15	

Report Basis
T = Total

Client: FPM Remediations Inc

Job Number: 280-25294-1

Laboratory Chronicle

Lab ID: 280-25294-1 **Client ID:** 785IA07

Sample Date/Time: 01/27/2012 12:30 Received Date/Time: 02/03/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25294-A-1		200-33356		02/07/2012 02:46	1	TAL BUR	WRD
A:TO-15	280-25294-A-1		200-33356		02/07/2012 02:46	1	TAL BUR	WRD

Lab ID: 280-25294-2 **Client ID:** 785IA06

Sample Date/Time: 01/27/2012 11:40 Received Date/Time: 02/03/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25294-A-2		200-33356		02/07/2012 03:36	1	TAL BUR	WRD
A:TO-15	280-25294-A-2		200-33356		02/07/2012 03:36	1	TAL BUR	WRD

Lab ID: 280-25294-3 **Client ID:** 785786OA03

Sample Date/Time: 01/27/2012 12:40 Received Date/Time: 02/03/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25294-A-3		200-33356		02/07/2012 04:26	1	TAL BUR	WRD
A:TO-15	280-25294-A-3		200-33356		02/07/2012 04:26	1	TAL BUR	WRD

Lab ID: 280-25294-4 **Client ID:** 785VMP0202AG

Sample Date/Time: 01/31/2012 15:06 Received Date/Time: 02/03/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25294-A-4		200-33356		02/07/2012 05:16	1	TAL BUR	WRD
A:TO-15	280-25294-A-4		200-33356		02/07/2012 05:16	1	TAL BUR	WRD

Lab ID: 280-25294-5 **Client ID:** 785VMP0401AD

Sample Date/Time: 01/31/2012 16:00 Received Date/Time: 02/03/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25294-A-5		200-33356		02/07/2012 06:06	1	TAL BUR	WRD
A:TO-15	280-25294-A-5		200-33356		02/07/2012 06:06	1	TAL BUR	WRD

Client: FPM Remediations Inc

Job Number: 280-25294-1

Laboratory Chronicle

Lab ID: 280-25294-6 **Client ID:** 785VMP0501AC

Sample Date/Time: 01/31/2012 15:22 Received Date/Time: 02/03/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25294-A-6		200-33356		02/07/2012 06:56	1	TAL BUR	WRD
A:TO-15	280-25294-A-6		200-33356		02/07/2012 06:56	1	TAL BUR	WRD

Lab ID: 280-25294-7 **Client ID:** TRIP BLANK

Sample Date/Time: 01/31/2012 17:00 Received Date/Time: 02/03/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25294-A-7		200-33381		02/07/2012 14:00	1	TAL BUR	AHK
A:TO-15	280-25294-A-7		200-33381		02/07/2012 14:00	1	TAL BUR	AHK

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 200-33356/5		200-33356		02/06/2012 12:35	1	TAL BUR	WRD
A:TO-15	MB 200-33356/5		200-33356		02/06/2012 12:35	1	TAL BUR	WRD
P:Summa Canister	MB 200-33381/4		200-33381		02/07/2012 13:10	1	TAL BUR	AHK
A:TO-15	MB 200-33381/4		200-33381		02/07/2012 13:10	1	TAL BUR	AHK

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 200-33356/4		200-33356		02/06/2012 11:45	1	TAL BUR	WRD
A:TO-15	LCS 200-33356/4		200-33356		02/06/2012 11:45	1	TAL BUR	WRD
P:Summa Canister	LCS 200-33381/3		200-33381		02/07/2012 12:21	1	TAL BUR	AHK
A:TO-15	LCS 200-33381/3		200-33381		02/07/2012 12:21	1	TAL BUR	AHK

Lab References:

TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00054	01/13/12	12/07/11	DI WATER, Lot 2969	15.463 L	ATTO15CAL6w_00042	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
							Bromodichloromethane	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	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
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00042	01/13/12	12/06/11	DI WATER, Lot 2887	15.463 L	ATTO15CALSTKi_00028	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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
							1,2,4-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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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_00049	01/13/12	12/07/11	DI WATER, Lot 3308	15.463 L	ATTO15CAL6w_00042	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00021	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00042	01/13/12	12/06/11	DI WATER, Lot 2887	15.463 L	ATTO15CALSTKi_00028	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
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							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
							Ethyl ether	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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-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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00063	04/03/12	01/10/12	DI WATER, Lot 2518	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00023	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00008	12/07/12		Spectra Gases, Lot cc-250170				(Purchased Reagent) 1,1,1-Trichloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.ATTO15EthCALw_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00173	04/03/12	01/10/12	DI WATER, Lot 3642	15.463 L	ATTO15CALSTKi_00029	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.: 280-25294-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
..ATTO15CALs_00008	12/07/12		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
							1,2,4-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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
ATTO15CAL4w_00174	04/03/12	01/10/12	DI WATER, Lot 3640	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-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-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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	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
							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.: 280-25294-1

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
							trans-1,3-Dichloropropene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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, o-	9.99806 ppb v/v
					ATTO15EthCALw_00023	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00008	12/07/12	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
							Cumene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.ATTO15EthCALw_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL5w_00021	01/13/12	12/06/11	DI WATER, Lot 3503	15.463 L	ATTO15CALSTKi_00028	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	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_00021	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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, o-	200 ppb v/v
..ATTO15CALs_00008	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00043	01/13/12	12/06/11	DI WATER, Lot 3643	15.463 L	ATTO15CALSTKi_00028	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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							n-Nonane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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_00021	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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-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_00008	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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	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
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00023	04/03/12	01/10/12	DI WATER, Lot 3631	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	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
							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.: 280-25294-1

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
							Methylene Chloride	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00023	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

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
							1,2,3-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
							Freon 22	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12	SIGMA, Lot 05796KM			(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_00166	02/29/12	12/14/11	DI WATER, Lot 4947	15.463 L	ATTO15LCSSTKi_00025	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.: 280-25294-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00025	02/29/12	11/30/11	DI WATER, Lot 4985	37.5 L	ATTO15LCSs_00010	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00010	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00169	03/13/12	01/27/12	DI WATER, Lot 5015	15.463 L	ATTO15LCSSTKi_00026	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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00026	04/05/12	01/05/12	DI WATER, Lot 1014	37.5 L	ATTO15LCSs_00010	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00010	12/07/12		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
							Isopropyl alcohol	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	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

Certification Summary

Client: FPM Remediations Inc
Project/Site: Griffiss AFB 1015-11-01 SVI

TestAmerica Job ID: 280-25294-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	Delaware	Delaware DNREC	3	NA
TestAmerica Burlington	Florida	NELAC Secondary AB	4	E87467
TestAmerica Burlington	Louisiana	NELAC Secondary AB	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	State Program	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	USDA		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC Secondary AB	3	460209

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

Method TO15

Volatile Organic Compounds (GC/MS)
by Method TO15

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknq004.d

Lab ID: LCS 200-33356/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.9	109	70-130	
Freon 22	10.0	9.99	100	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.2	102	70-130	
Chloromethane	10.0	9.62	96	70-130	
n-Butane	10.0	9.16	92	70-130	
Vinyl chloride	10.0	9.61	96	70-130	
1,3-Butadiene	10.0	9.72	97	70-130	
Bromomethane	10.0	9.19	92	70-130	
Chloroethane	10.0	8.88	89	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.75	98	70-130	
Trichlorofluoromethane	10.0	10.8	108	70-130	
Freon TF	10.0	10.7	107	70-130	
1,1-Dichloroethene	10.0	10.6	106	70-130	
Acetone	10.0	10.3	103	70-130	
Isopropyl alcohol	10.0	10.1	101	70-130	
Carbon disulfide	10.0	9.70	97	70-130	
3-Chloropropene	10.0	8.97	90	70-130	M
Methylene Chloride	10.0	10.2	102	70-130	
tert-Butyl alcohol	10.0	10.3	103	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	9.74	97	70-130	
n-Hexane	10.0	9.44	94	70-130	
1,1-Dichloroethane	10.0	9.99	100	70-130	
Methyl Ethyl Ketone	10.0	9.77	98	70-130	
cis-1,2-Dichloroethene	10.0	9.80	98	70-130	
Chloroform	10.0	10.5	105	70-130	
Tetrahydrofuran	10.0	10.4	104	70-130	
1,1,1-Trichloroethane	10.0	11.0	110	70-130	
Cyclohexane	10.0	9.62	96	70-130	
Carbon tetrachloride	10.0	11.3	113	70-130	
2,2,4-Trimethylpentane	10.0	9.81	98	70-130	
Benzene	10.0	9.63	96	70-130	
1,2-Dichloroethane	10.0	10.7	107	70-130	
n-Heptane	10.0	9.71	97	70-130	
Trichloroethene	10.0	9.97	100	70-130	
Methyl methacrylate	10.0	10.3	103	70-130	
1,2-Dichloropropane	10.0	9.61	96	70-130	
1,4-Dioxane	10.0	9.56	96	70-130	
Bromodichloromethane	10.0	11.2	112	70-130	
cis-1,3-Dichloropropene	10.0	10.2	102	70-130	
methyl isobutyl ketone	10.0	10.9	109	70-130	
Toluene	10.0	9.37	94	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.: 280-25294-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknq004.d

Lab ID: LCS 200-33356/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.4	104	70-130	
1,1,2-Trichloroethane	10.0	9.41	94	70-130	
Tetrachloroethene	10.0	9.15	91	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5	105	70-130	
Dibromochloromethane	10.0	11.0	110	70-130	
1,2-Dibromoethane	10.0	9.62	96	70-130	
Chlorobenzene	10.0	9.40	94	70-130	
Ethylbenzene	10.0	10.1	101	70-130	
m,p-Xylene	20.0	19.4	97	70-130	
Xylene, o-	10.0	9.76	98	70-130	
Styrene	10.0	9.94	99	70-130	
Bromoform	10.0	10.7	107	70-130	
Cumene	10.0	10.5	105	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.68	97	70-130	
n-Propylbenzene	10.0	10.6	106	70-130	
4-Ethyltoluene	10.0	10.9	109	70-130	
1,3,5-Trimethylbenzene	10.0	10.6	106	70-130	
2-Chlorotoluene	10.0	10.7	107	70-130	
tert-Butylbenzene	10.0	10.8	108	70-130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70-130	
sec-Butylbenzene	10.0	10.8	108	70-130	
4-Isopropyltoluene	10.0	10.9	109	70-130	
1,3-Dichlorobenzene	10.0	9.69	97	70-130	
1,4-Dichlorobenzene	10.0	9.57	96	70-130	
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	11.3	113	70-130	
1,2-Dichlorobenzene	10.0	9.50	95	70-130	
1,2,4-Trichlorobenzene	10.0	9.26	93	70-130	
Hexachlorobutadiene	10.0	9.25	93	70-130	
Naphthalene	10.0	9.83	98	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.: 280-25294-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknr003.d

Lab ID: LCS 200-33381/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.4	114	70-130	
Freon 22	10.0	10.3	103	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.3	103	70-130	
Chloromethane	10.0	9.78	98	70-130	
n-Butane	10.0	9.34	93	70-130	
Vinyl chloride	10.0	9.63	96	70-130	
1,3-Butadiene	10.0	9.93	99	70-130	
Bromomethane	10.0	9.32	93	70-130	
Chloroethane	10.0	9.10	91	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.91	99	70-130	
Trichlorofluoromethane	10.0	11.4	114	70-130	
Freon TF	10.0	11.4	114	70-130	
1,1-Dichloroethene	10.0	11.2	112	70-130	
Acetone	10.0	10.4	104	70-130	
Isopropyl alcohol	10.0	10.8	108	70-130	
Carbon disulfide	10.0	10.1	101	70-130	
3-Chloropropene	10.0	9.88	99	70-130	M
Methylene Chloride	10.0	10.9	109	70-130	
tert-Butyl alcohol	10.0	10.9	109	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	10.5	105	70-130	
n-Hexane	10.0	10.0	100	70-130	
1,1-Dichloroethane	10.0	10.5	105	70-130	
Methyl Ethyl Ketone	10.0	9.58	96	70-130	
cis-1,2-Dichloroethene	10.0	10.2	102	70-130	
Chloroform	10.0	11.0	110	70-130	
Tetrahydrofuran	10.0	9.90	99	70-130	
1,1,1-Trichloroethane	10.0	11.5	115	70-130	
Cyclohexane	10.0	9.94	99	70-130	
Carbon tetrachloride	10.0	11.8	118	70-130	
2,2,4-Trimethylpentane	10.0	10.0	100	70-130	
Benzene	10.0	9.78	98	70-130	
1,2-Dichloroethane	10.0	11.3	113	70-130	
n-Heptane	10.0	10.0	101	70-130	
Trichloroethene	10.0	10.5	105	70-130	
Methyl methacrylate	10.0	10.0	100	70-130	
1,2-Dichloropropane	10.0	9.70	97	70-130	
1,4-Dioxane	10.0	9.91	99	70-130	
Bromodichloromethane	10.0	11.5	115	70-130	
cis-1,3-Dichloropropene	10.0	10.2	102	70-130	
methyl isobutyl ketone	10.0	10.7	107	70-130	
Toluene	10.0	9.60	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.: 280-25294-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknr003.d

Lab ID: LCS 200-33381/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	9.59	96	70-130	
Tetrachloroethene	10.0	9.56	96	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.4	104	70-130	
Dibromochloromethane	10.0	11.4	114	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Chlorobenzene	10.0	9.62	96	70-130	
Ethylbenzene	10.0	10.2	102	70-130	
m,p-Xylene	20.0	19.5	97	70-130	
Xylene, o-	10.0	9.89	99	70-130	
Styrene	10.0	10.0	100	70-130	
Bromoform	10.0	11.1	111	70-130	
Cumene	10.0	10.7	107	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.86	99	70-130	
n-Propylbenzene	10.0	10.8	108	70-130	
4-Ethyltoluene	10.0	11.0	110	70-130	
1,3,5-Trimethylbenzene	10.0	10.8	108	70-130	
2-Chlorotoluene	10.0	10.9	109	70-130	
tert-Butylbenzene	10.0	11.0	110	70-130	
1,2,4-Trimethylbenzene	10.0	10.7	107	70-130	
sec-Butylbenzene	10.0	11.0	110	70-130	
4-Isopropyltoluene	10.0	11.0	110	70-130	
1,3-Dichlorobenzene	10.0	9.83	98	70-130	
1,4-Dichlorobenzene	10.0	9.75	97	70-130	
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	11.4	114	70-130	
1,2-Dichlorobenzene	10.0	9.63	96	70-130	
1,2,4-Trichlorobenzene	10.0	9.47	95	70-130	
Hexachlorobutadiene	10.0	9.46	95	70-130	
Naphthalene	10.0	10.0	100	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.: 280-25294-1

SDG No.:

Lab File ID: cknq005.d Lab Sample ID: MB 200-33356/5

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

Instrument ID: C.i Date Analyzed: 02/06/2012 12:35

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 200-33356/4	cknq004.d	02/06/2012 11:45
785IA07	280-25294-1	cknq022.d	02/07/2012 02:46
785IA06	280-25294-2	cknq023.d	02/07/2012 03:36
785786OA03	280-25294-3	cknq024.d	02/07/2012 04:26
785VMP0202AG	280-25294-4	cknq025.d	02/07/2012 05:16
785VMP0401AD	280-25294-5	cknq026.d	02/07/2012 06:06
785VMP0501AC	280-25294-6	cknq027.d	02/07/2012 06:56

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab File ID: cknr004.d Lab Sample ID: MB 200-33381/4

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

Instrument ID: C.i Date Analyzed: 02/07/2012 13:10

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 200-33381/3	cknr003.d	02/07/2012 12:21
TRIP BLANK	280-25294-7	cknr005.d	02/07/2012 14:00

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab File ID: ckn001.d BFB Injection Date: 01/12/2012

Instrument ID: C.i BFB Injection Time: 15:51

Analysis Batch No.: 32216

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.4	
75	30.0 - 66.0% of mass 95	48.9	
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	74.4	
175	4.0 - 9.0 % of mass 174	5.4	(7.2)1
176	93.0 - 101.0% of mass 174	71.7	(96.3)1
177	5.0 - 9.0% of mass 176	4.7	(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 200-32216/3	ckn003.d	01/12/2012	17:27
	IC 200-32216/4	ckn004.d	01/12/2012	18:17
	IC 200-32216/5	ckn005.d	01/12/2012	19:07
	ICIS 200-32216/6	ckn006.d	01/12/2012	19:56
	IC 200-32216/7	ckn007.d	01/12/2012	20:47
	IC 200-32216/8	ckn008.d	01/12/2012	21:37
	IC 200-32216/9	ckn009.d	01/12/2012	22:26
	ICV 200-32216/12	ckn012.d	01/13/2012	00:56

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab File ID: cknq001.d BFB Injection Date: 02/06/2012

Instrument ID: C.i BFB Injection Time: 09:06

Analysis Batch No.: 33356

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.8	
75	30.0 - 66.0% of mass 95	50.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.1	(0.2)1
174	50.0 - 120.0% of mass 95	76.4	
175	4.0 - 9.0 % of mass 174	5.4	(7.1)1
176	93.0 - 101.0% of mass 174	73.8	(96.6)1
177	5.0 - 9.0% of mass 176	4.8	(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 200-33356/3	cknq003.d	02/06/2012	10:54
	LCS 200-33356/4	cknq004.d	02/06/2012	11:45
	MB 200-33356/5	cknq005.d	02/06/2012	12:35
785IA07	280-25294-1	cknq022.d	02/07/2012	02:46
785IA06	280-25294-2	cknq023.d	02/07/2012	03:36
785786OA03	280-25294-3	cknq024.d	02/07/2012	04:26
785VMP0202AG	280-25294-4	cknq025.d	02/07/2012	05:16
785VMP0401AD	280-25294-5	cknq026.d	02/07/2012	06:06
785VMP0501AC	280-25294-6	cknq027.d	02/07/2012	06:56

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab File ID: cknr001.d BFB Injection Date: 02/07/2012

Instrument ID: C.i BFB Injection Time: 10:29

Analysis Batch No.: 33381

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.0	
75	30.0 - 66.0% of mass 95	51.6	
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	(0.3)1
174	50.0 - 120.0% of mass 95	73.1	
175	4.0 - 9.0 % of mass 174	5.1	(6.9)1
176	93.0 - 101.0% of mass 174	70.1	(95.9)1
177	5.0 - 9.0% of mass 176	4.6	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-33381/2	cknr002.d	02/07/2012	11:23
	LCS 200-33381/3	cknr003.d	02/07/2012	12:21
	MB 200-33381/4	cknr004.d	02/07/2012	13:10
TRIP BLANK	280-25294-7	cknr005.d	02/07/2012	14:00

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Sample No.: ICIS 200-32216/6 Date Analyzed: 01/12/2012 19:56

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

Lab File ID (Standard): ckn006.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		370433	11.13	2111595	12.44	1980776	16.37
UPPER LIMIT		518606	11.46	2956233	12.77	2773086	16.70
LOWER LIMIT		222260	10.80	1266957	12.11	1188466	16.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-32216/12		380296	11.12	2183812	12.44	1809282	16.37

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.: 280-25294-1

SDG No.:

Sample No.: CCVIS 200-33356/3 Date Analyzed: 02/06/2012 10:54

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

Lab File ID (Standard): cknq003.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		233603	11.10	1348834	12.43	1248833	16.34
UPPER LIMIT		327044	11.43	1888368	12.76	1748366	16.67
LOWER LIMIT		140162	10.77	809300	12.10	749300	16.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-33356/4		235456	11.11	1325829	12.43	1289338	16.34
MB 200-33356/5		209063	11.11	1227710	12.43	1123593	16.34
280-25294-1	785IA07	188230	11.10	1092256	12.43	1064203	16.34
280-25294-2	785IA06	189679	11.10	1102427	12.43	1062926	16.34
280-25294-3	785786OA03	186796	11.10	1084915	12.43	1067300	16.34
280-25294-4	785VMP0202AG	184361	11.10	1072333	12.43	1049444	16.34
280-25294-5	785VMP0401AD	188212	11.10	1082499	12.43	1053125	16.34
280-25294-6	785VMP0501AC	179942	11.10	1039552	12.43	1005739	16.34

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.: 280-25294-1

SDG No.:

Sample No.: CCVIS 200-33381/2 Date Analyzed: 02/07/2012 11:23

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

Lab File ID (Standard): cknr002.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		208104	11.10	1203563	12.43	1214820	16.34
UPPER LIMIT		291346	11.43	1684988	12.76	1700748	16.67
LOWER LIMIT		124862	10.77	722138	12.10	728892	16.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-33381/3		219191	11.10	1263993	12.43	1185517	16.34
MB 200-33381/4		208886	11.10	1243087	12.43	1181213	16.34
280-25294-7	TRIP BLANK	196656	11.10	1167106	12.43	1065935	16.34

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.: 280-25294-1

SDG No.:

Client Sample ID: 785IA07 Lab Sample ID: 280-25294-1

Matrix: Air Lab File ID: cknq022.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:30

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 02:46

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.58	M	0.50	0.013
106-97-8	n-Butane	58.12	0.84		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.071	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	1.1	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.56		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.10	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.10	J	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.083	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.062	J	0.20	0.036
71-43-2	Benzene	78.11	0.18	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.091	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA07 Lab Sample ID: 280-25294-1

Matrix: Air Lab File ID: cknq022.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:30

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 02:46

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.37		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.030	J	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.067	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.024	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.092	J	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA07 Lab Sample ID: 280-25294-1

Matrix: Air Lab File ID: cknq022.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:30

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 02:46

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA07 Lab Sample ID: 280-25294-1

Matrix: Air Lab File ID: cknq022.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:30

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 02:46

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	1.2	M	1.0	0.027
106-97-8	n-Butane	58.12	2.0		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.54	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	2.6	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	2.0		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.30	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.34	J	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.53	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.29	J	0.93	0.17
71-43-2	Benzene	78.11	0.58	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.37	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA07 Lab Sample ID: 280-25294-1

Matrix: Air Lab File ID: cknq022.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:30

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 02:46

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	1.4		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.13	J	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.29	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.11	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.40	J	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA07 Lab Sample ID: 280-25294-1

Matrix: Air Lab File ID: cknq022.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:30

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 02:46

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25294-1
Client Smp ID: 785IA07
Inj Date : 07-FEB-2012 02:46
Operator : wrd Inst ID: C.i
Smp Info : 280-25294-A-1
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.057	5.057	(0.455)	34487	0.56791	0.57
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.521	5.516	(0.497)	10730	0.58301	0.58(M)
6 Butane	43	5.719	5.730	(0.515)	30803	0.84029	0.84
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	7.133	7.149	(0.642)	15764	0.25628	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.992	8.014	(0.720)	3038	0.07085	0.071(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.227	8.211	(0.741)	33827	1.10195	1.1(a)
21 Carbon disulfide	76	Compound Not Detected.					

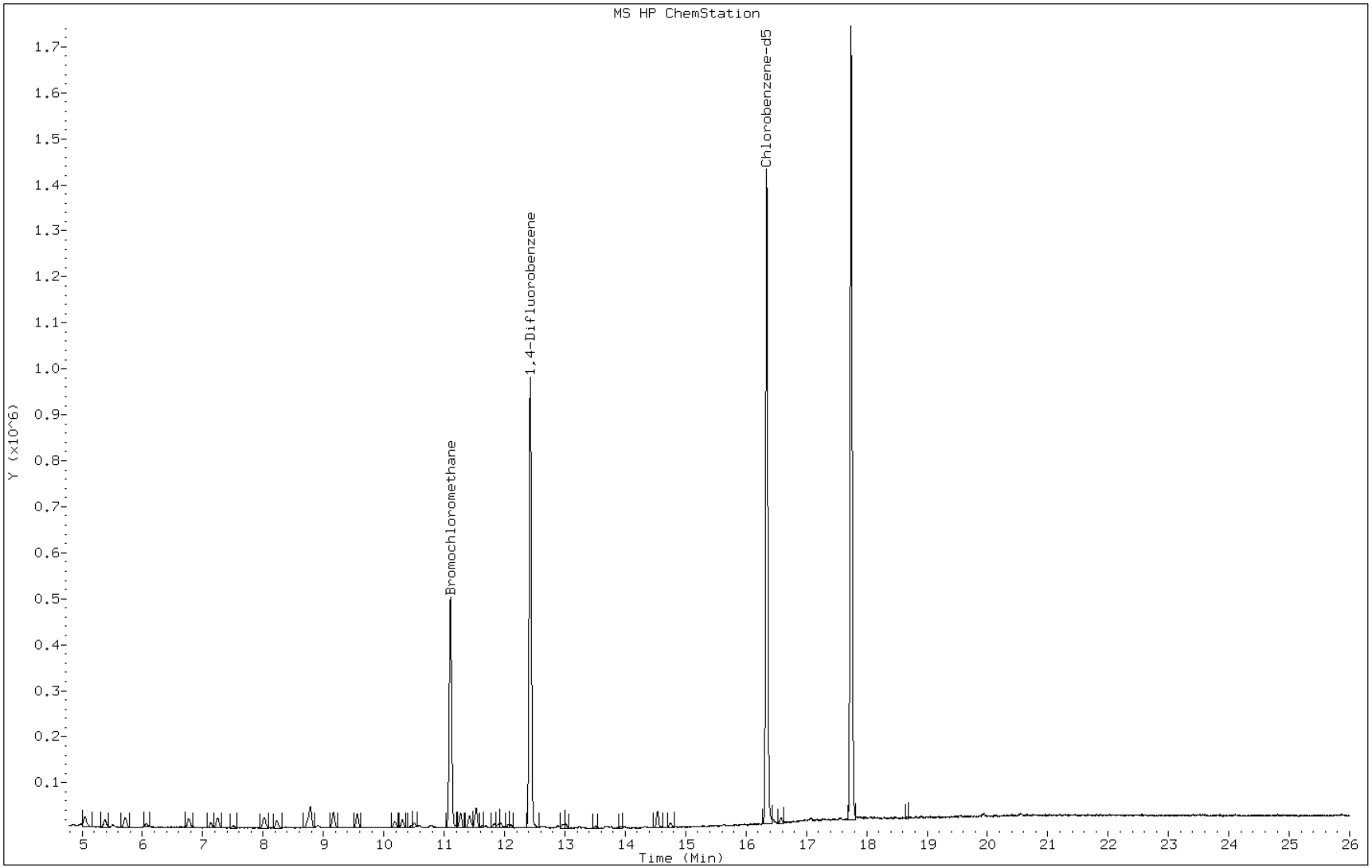
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.556	9.572	(0.861)	20916	0.55834	0.56
	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	10.778	10.762	(0.971)	1154	0.10258	0.10(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	188230	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.461	11.477	(0.922)	3573	0.09957	0.100(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.627	11.648	(0.936)	4752	0.08347	0.083(a)
	43 2,2,4-Trimethylpentane	57	11.888	11.904	(0.957)	7588	0.06213	0.062(a)
	44 Benzene	78	11.936	11.958	(0.960)	14176	0.18211	0.18(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.112	12.129	(0.975)	4130	0.09119	0.091(a)
*	47 1,4-Difluorobenzene	114	12.427	12.443	(1.000)	1092256	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	14.535	14.557	(0.889)	21798	0.36892	0.37
	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	16.345	16.366	(1.000)	1064203	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.446	16.462	(1.006)	3974	0.03038	0.030(a)
	69 Xylene (m,p)	106	16.574	16.601	(1.014)	3447	0.06705	0.067(a)
M	70 Xylenes, Total	106				4647	0.09151	0.092(a)
	71 Xylene (o)	106	17.076	17.092	(1.045)	1200	0.02447	0.024(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)	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:	cknq022.d	Date:	07-FEB-2012 02:46
Client ID:	785IA07	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25294-A-1		
Lab Sample ID:	280-25294-1		



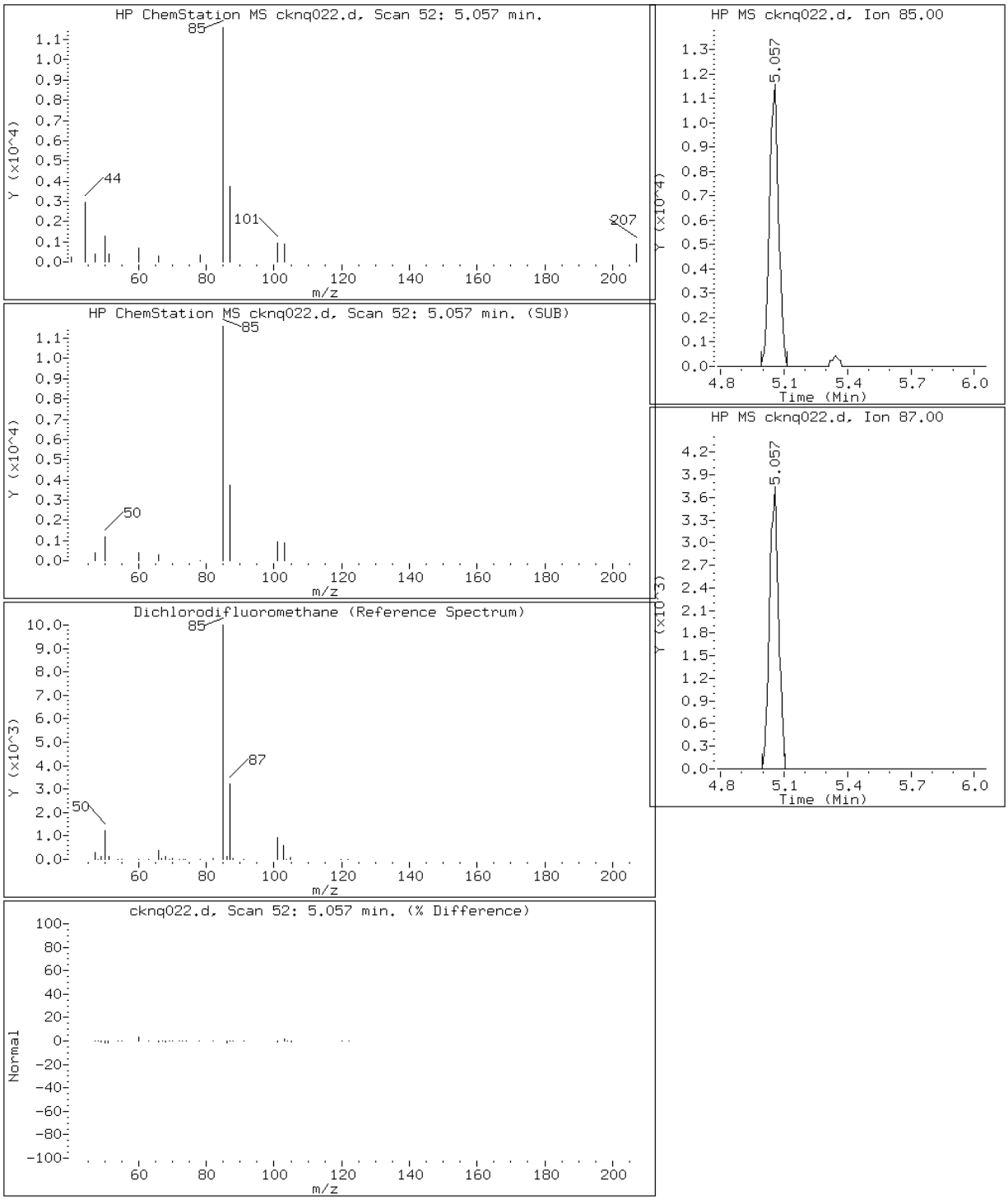
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

2 Dichlorodifluoromethane



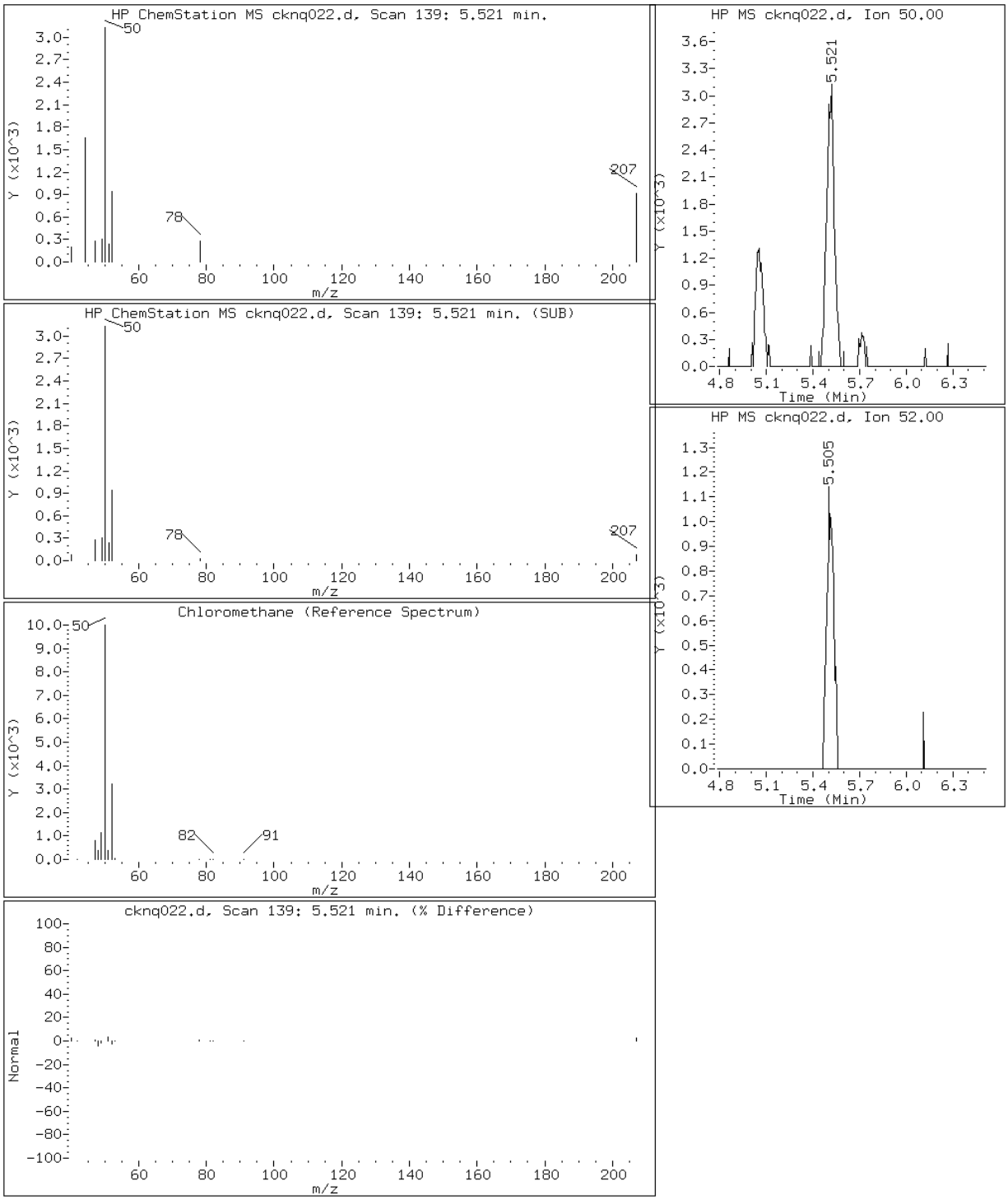
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Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

5 Chloromethane



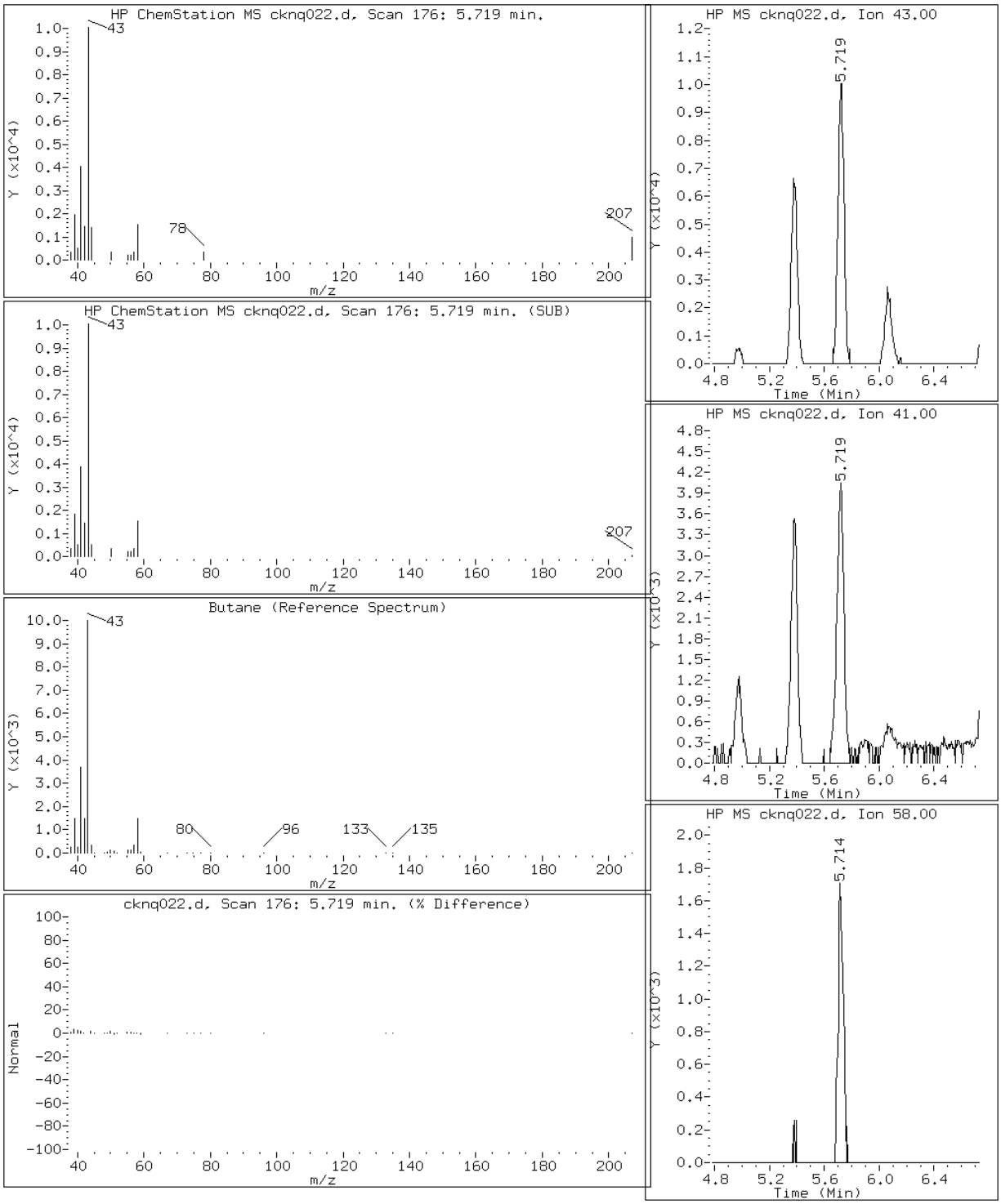
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Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

6 Butane



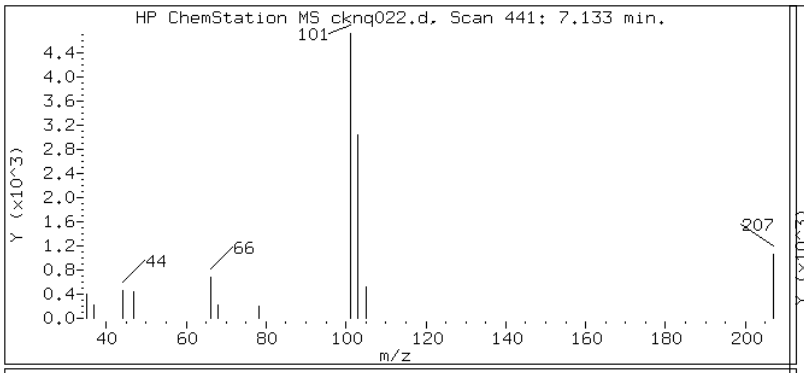
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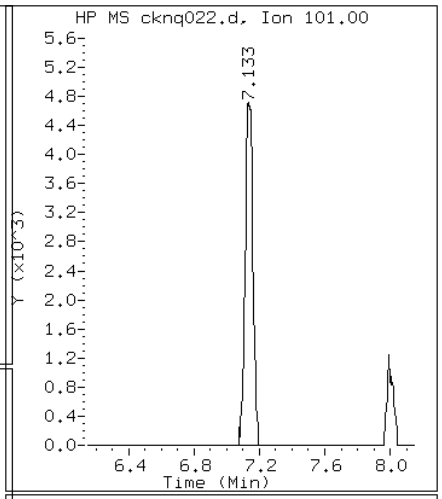
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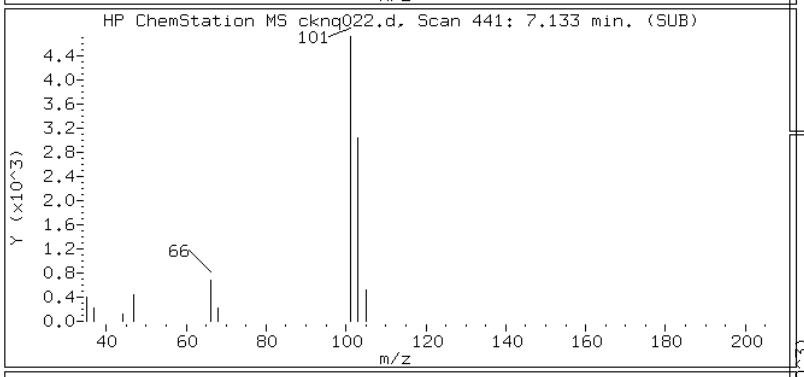
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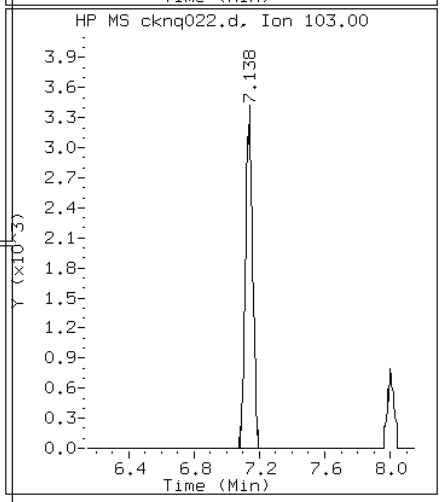
Sample Info: 280-25294-A-1 Operator: wrd

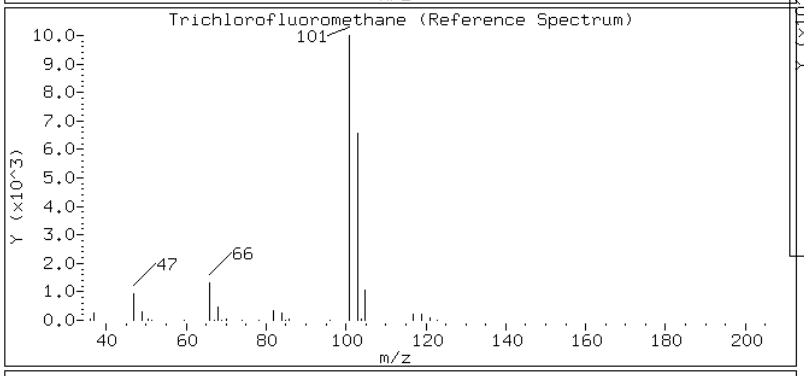
13 Trichlorofluoromethane

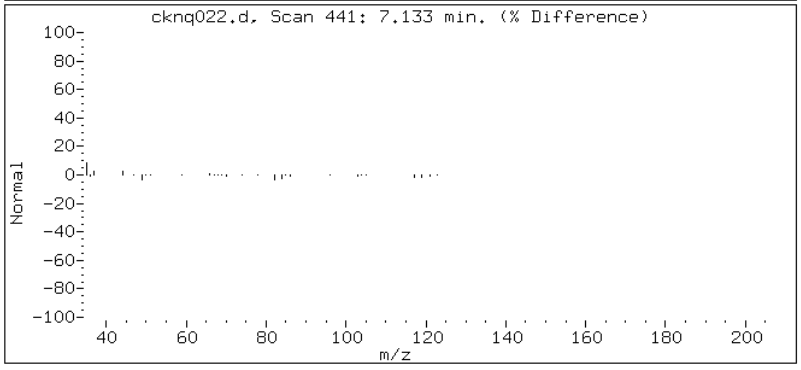












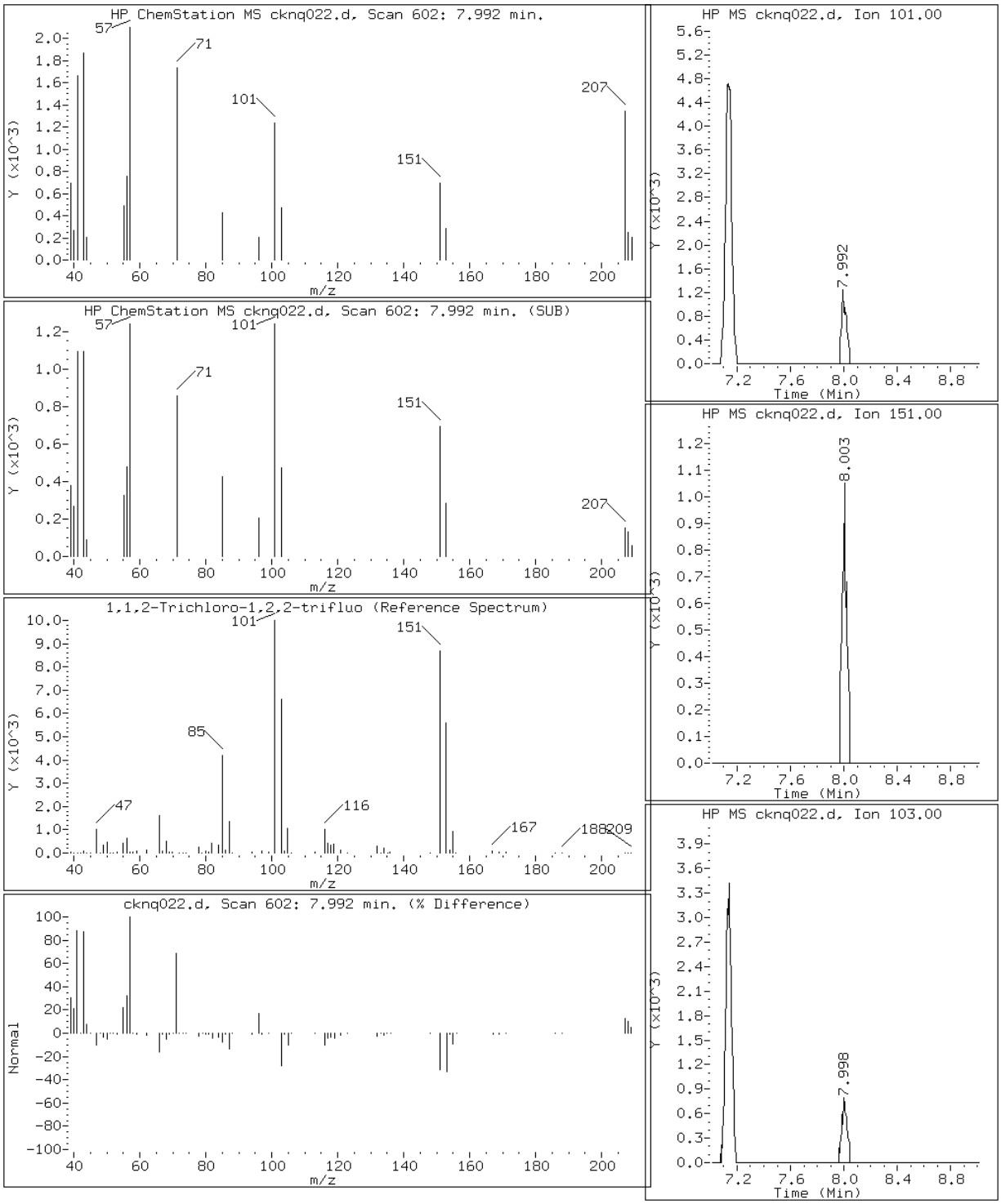
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Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

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



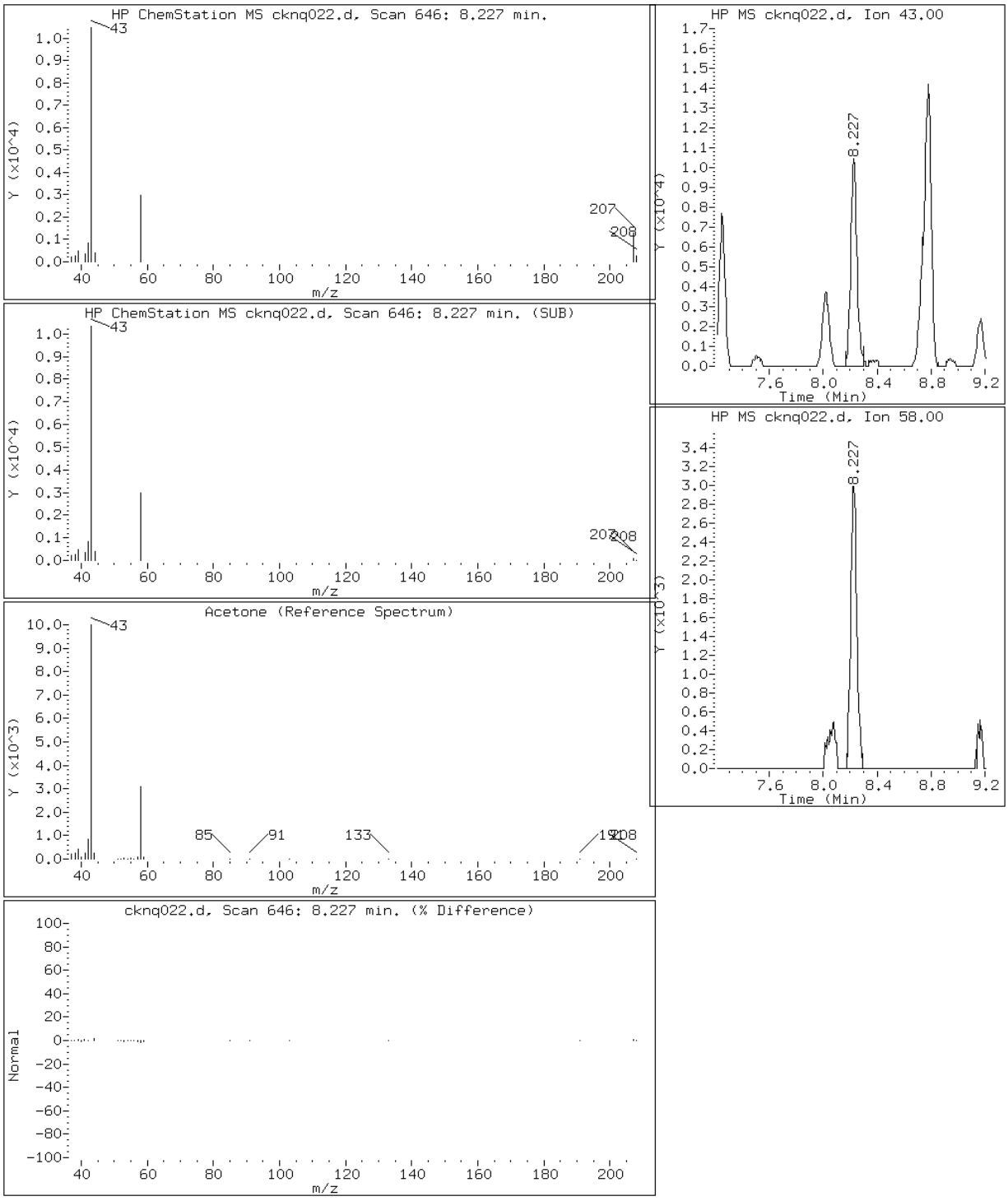
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Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

20 Acetone



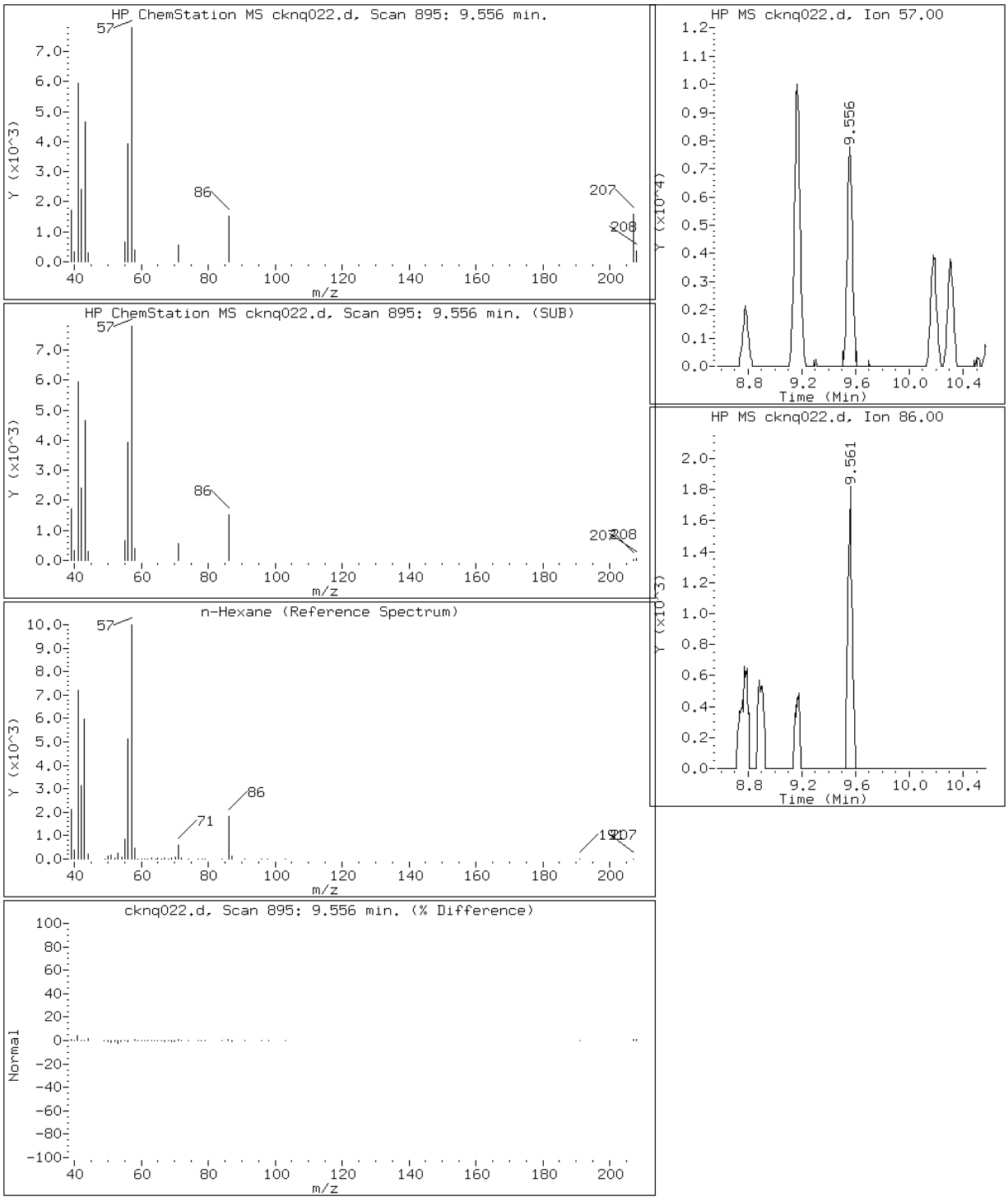
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Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

30 n-Hexane



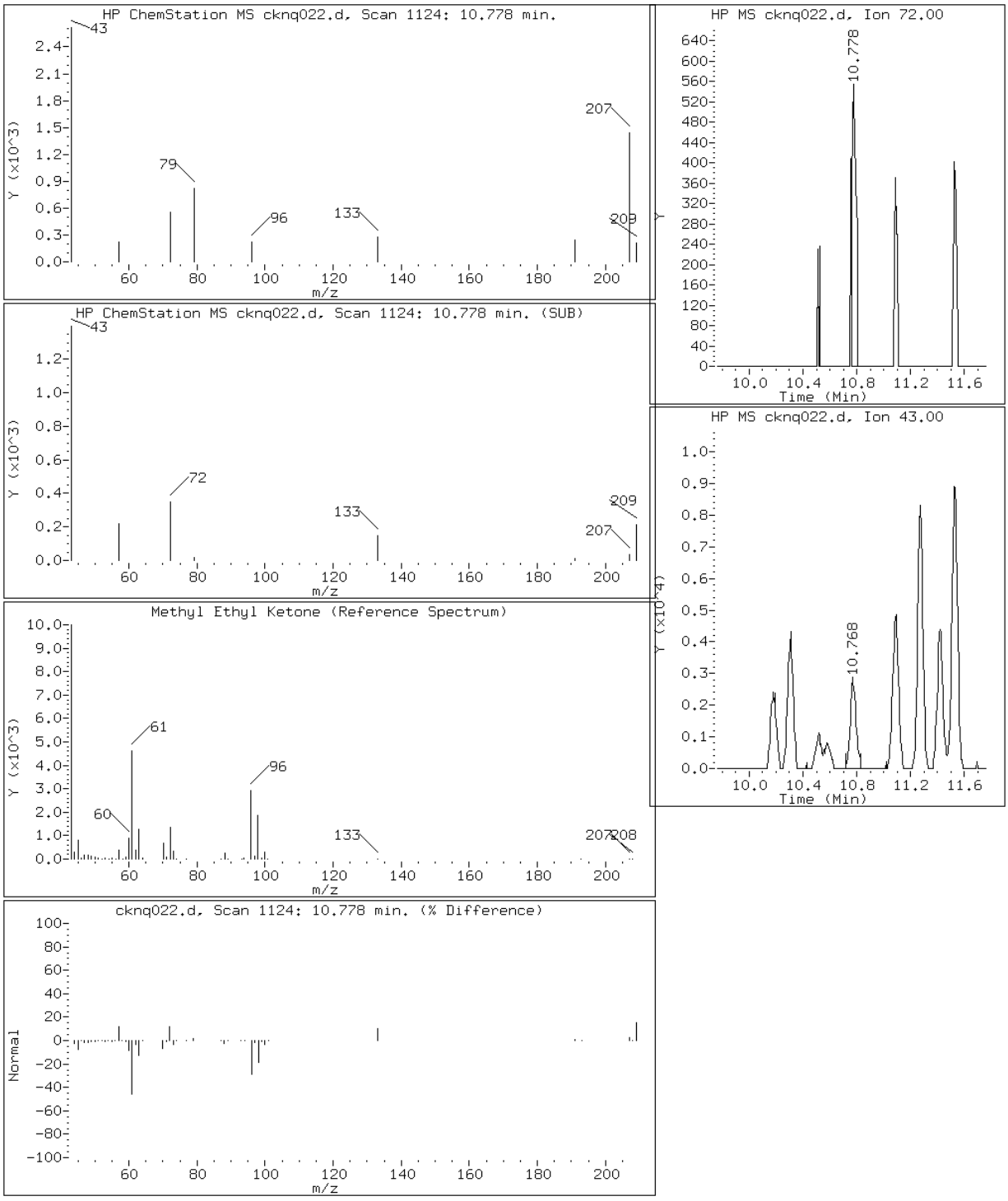
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

36 Methyl Ethyl Ketone



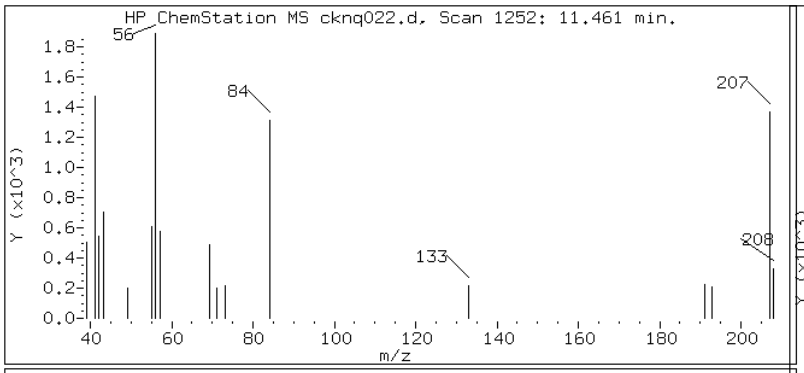
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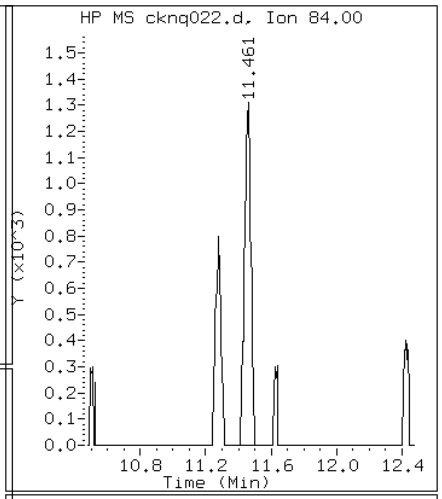
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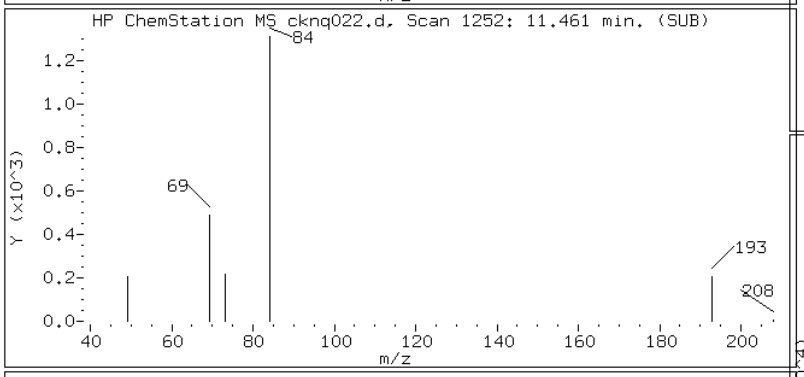
Client ID: 785IA07 Instrument: C.i

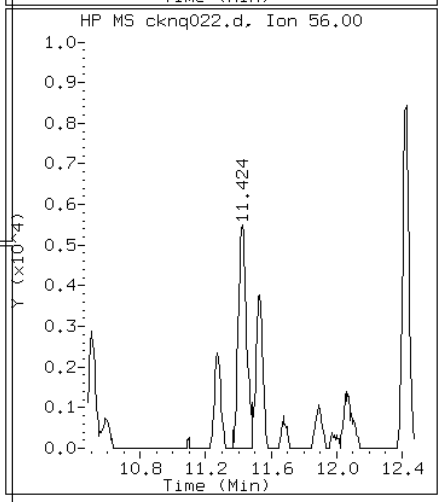
Sample Info: 280-25294-A-1 Operator: wrd

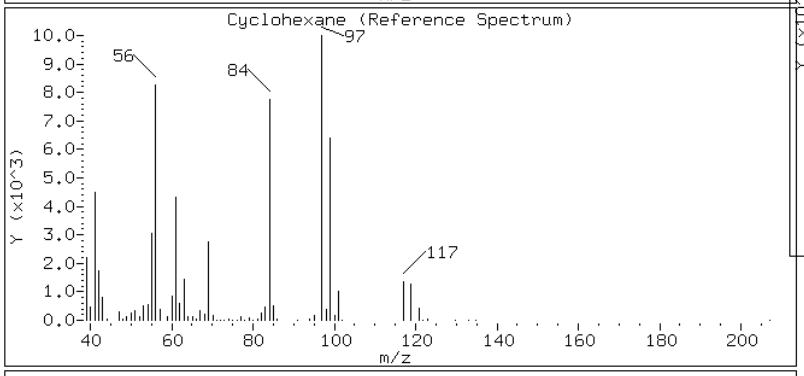
40 Cyclohexane

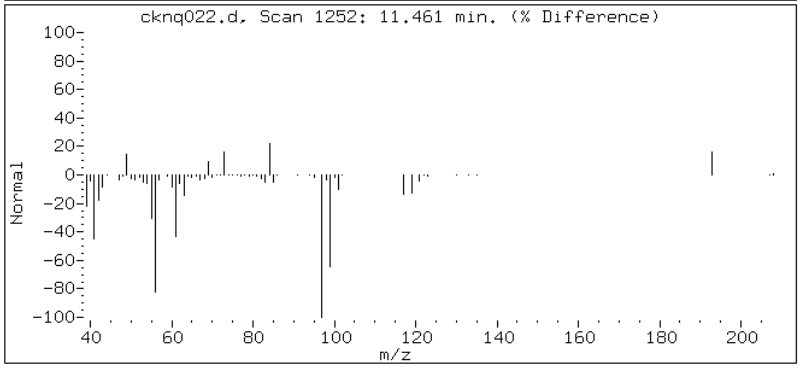












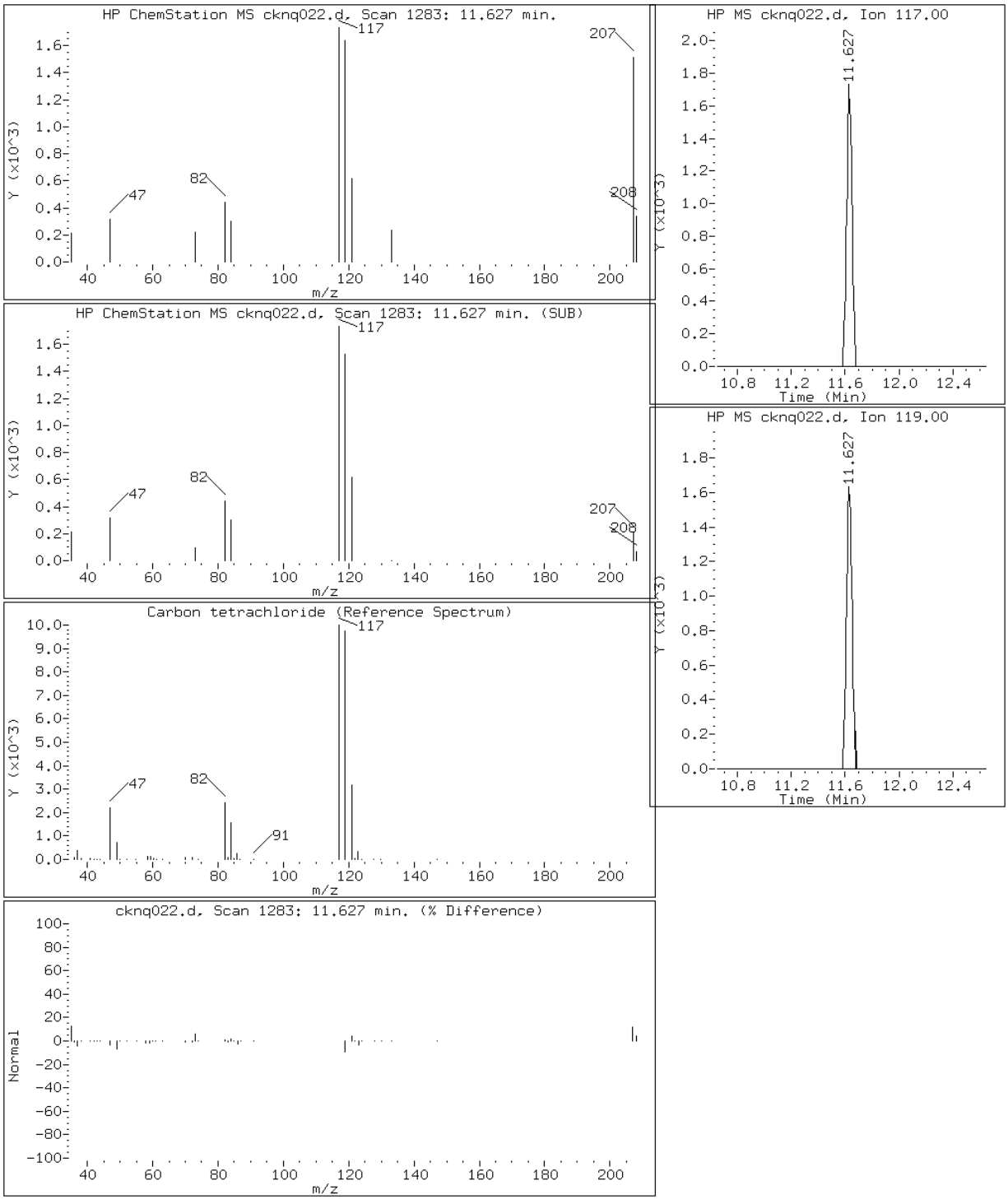
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

42 Carbon tetrachloride



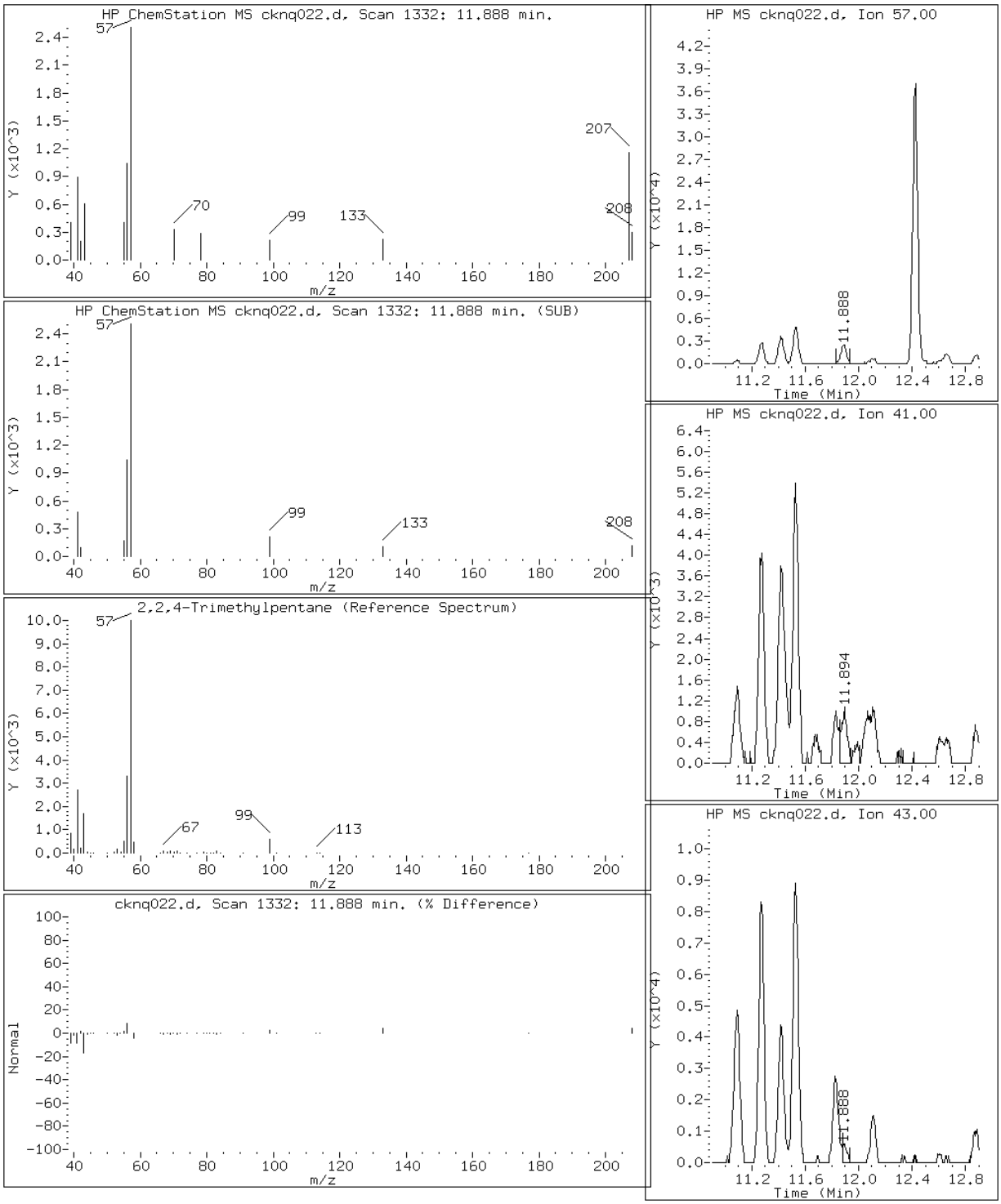
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

43 2,2,4-Trimethylpentane



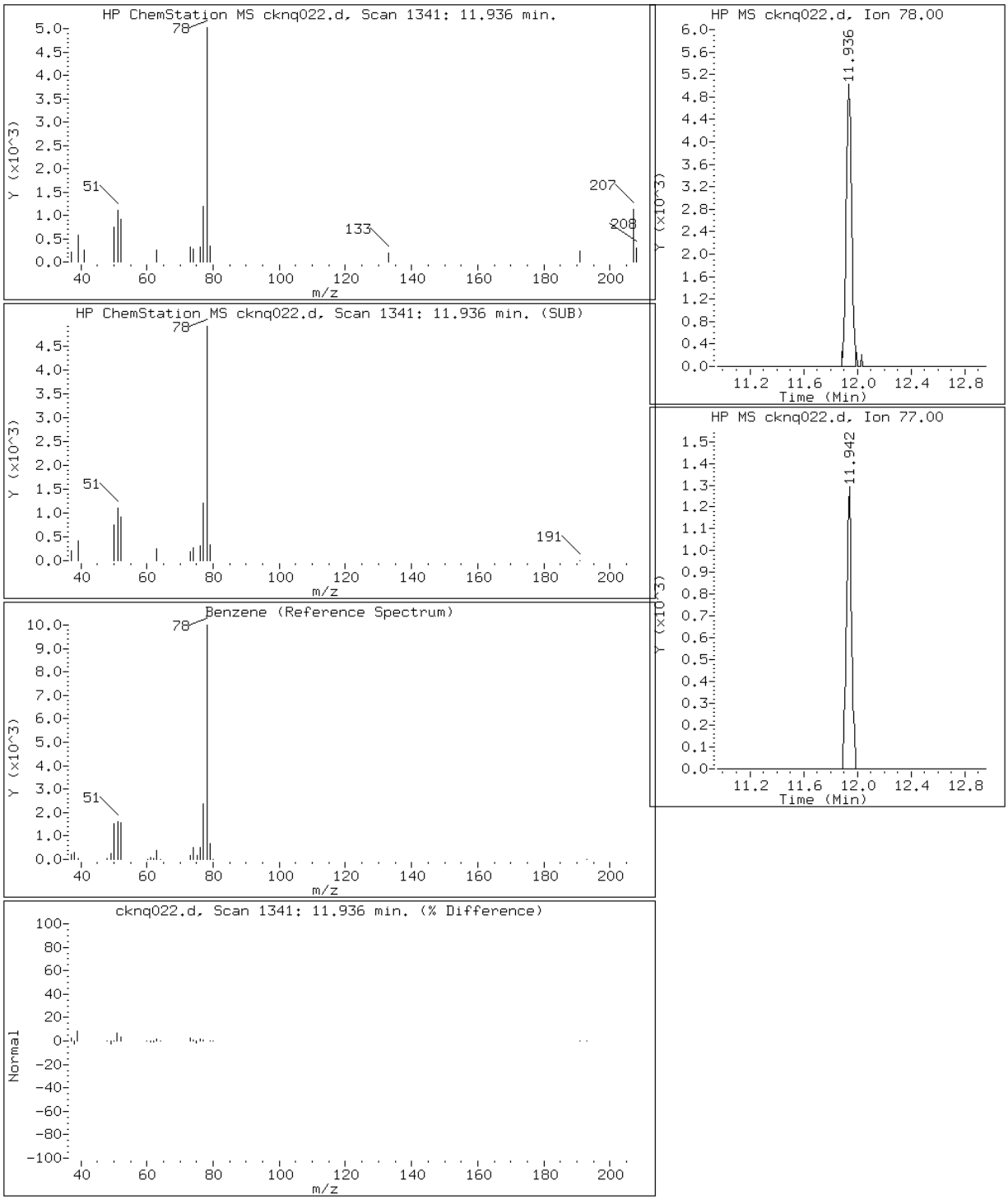
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

44 Benzene



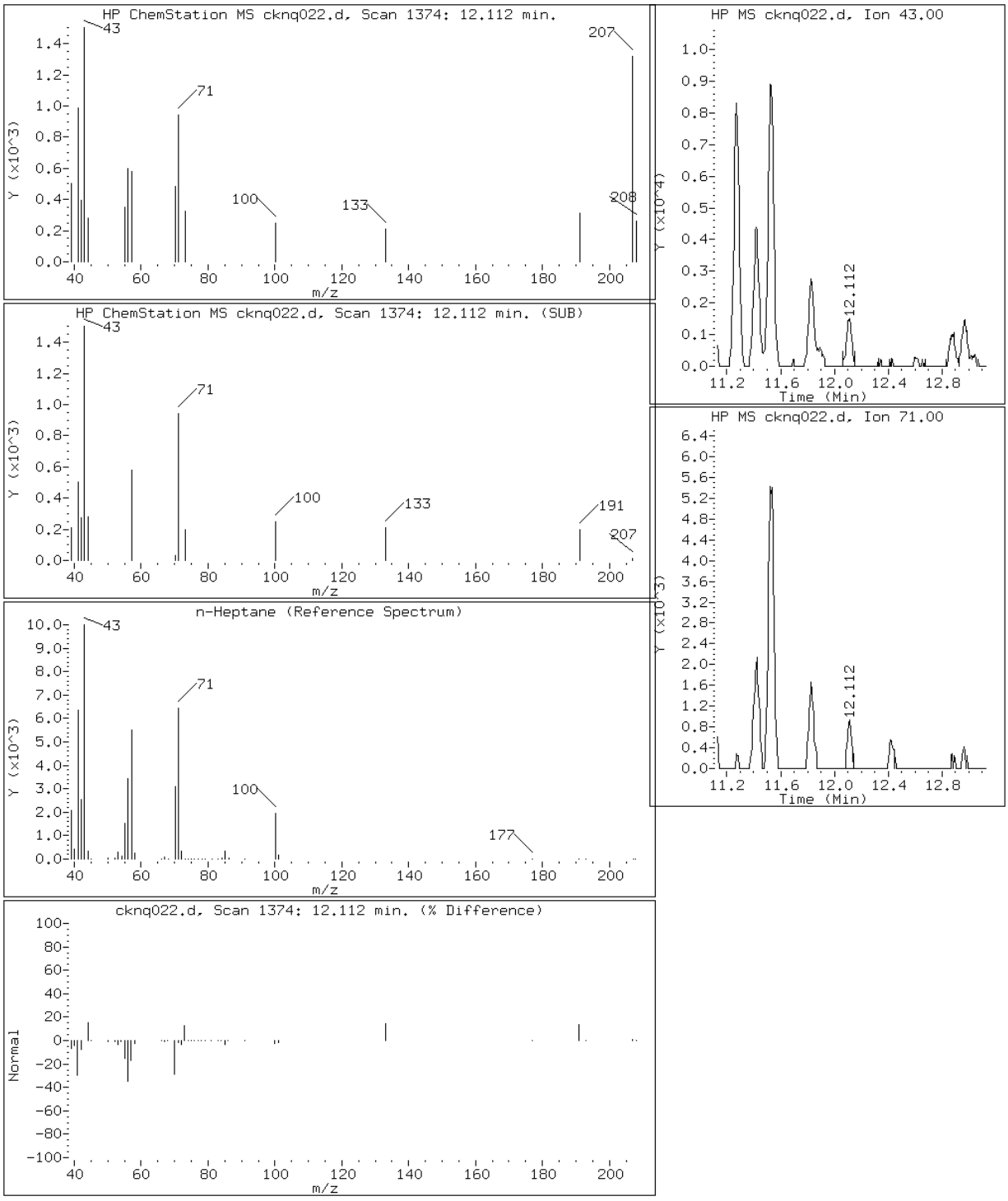
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

46 n-Heptane



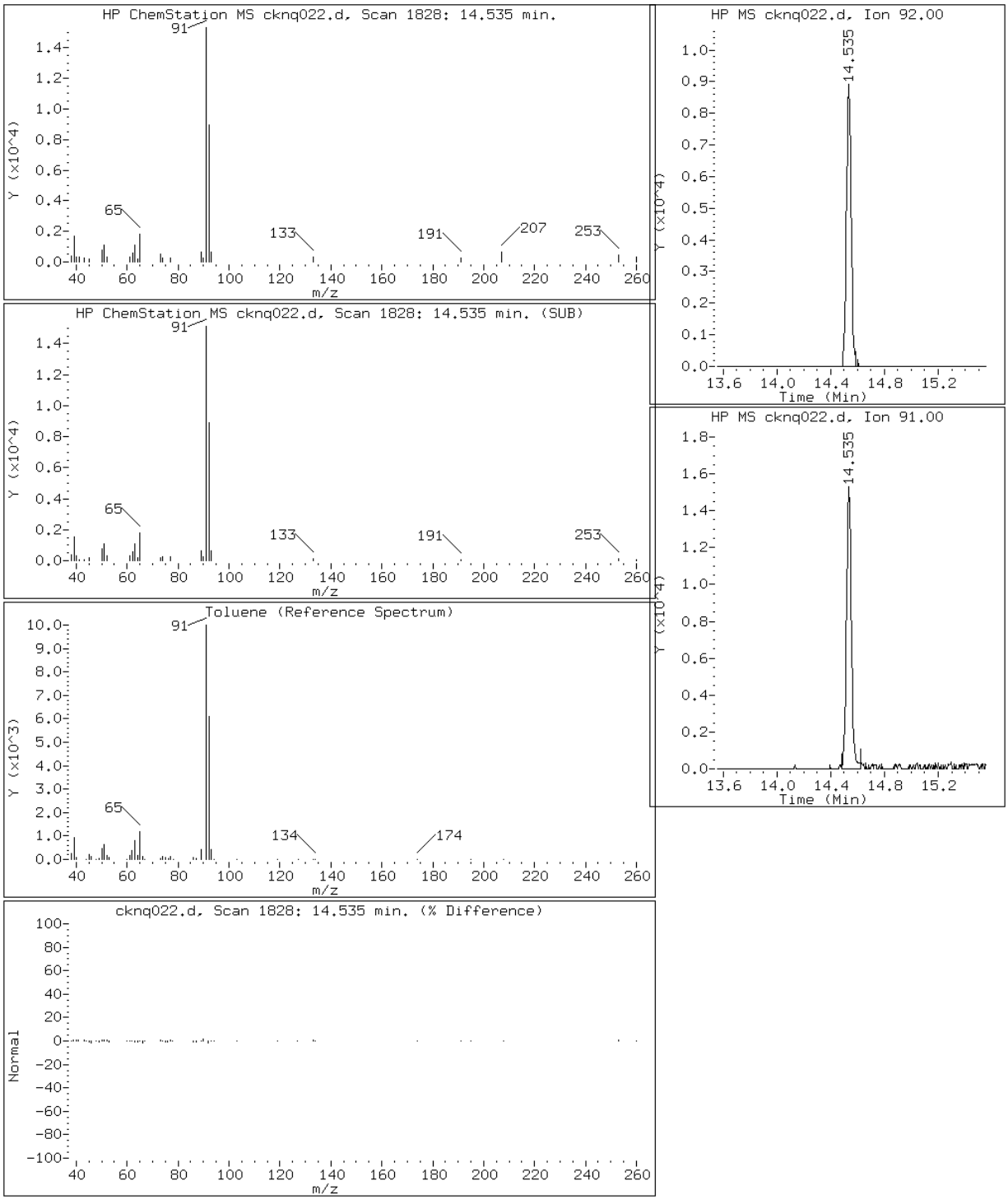
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

58 Toluene



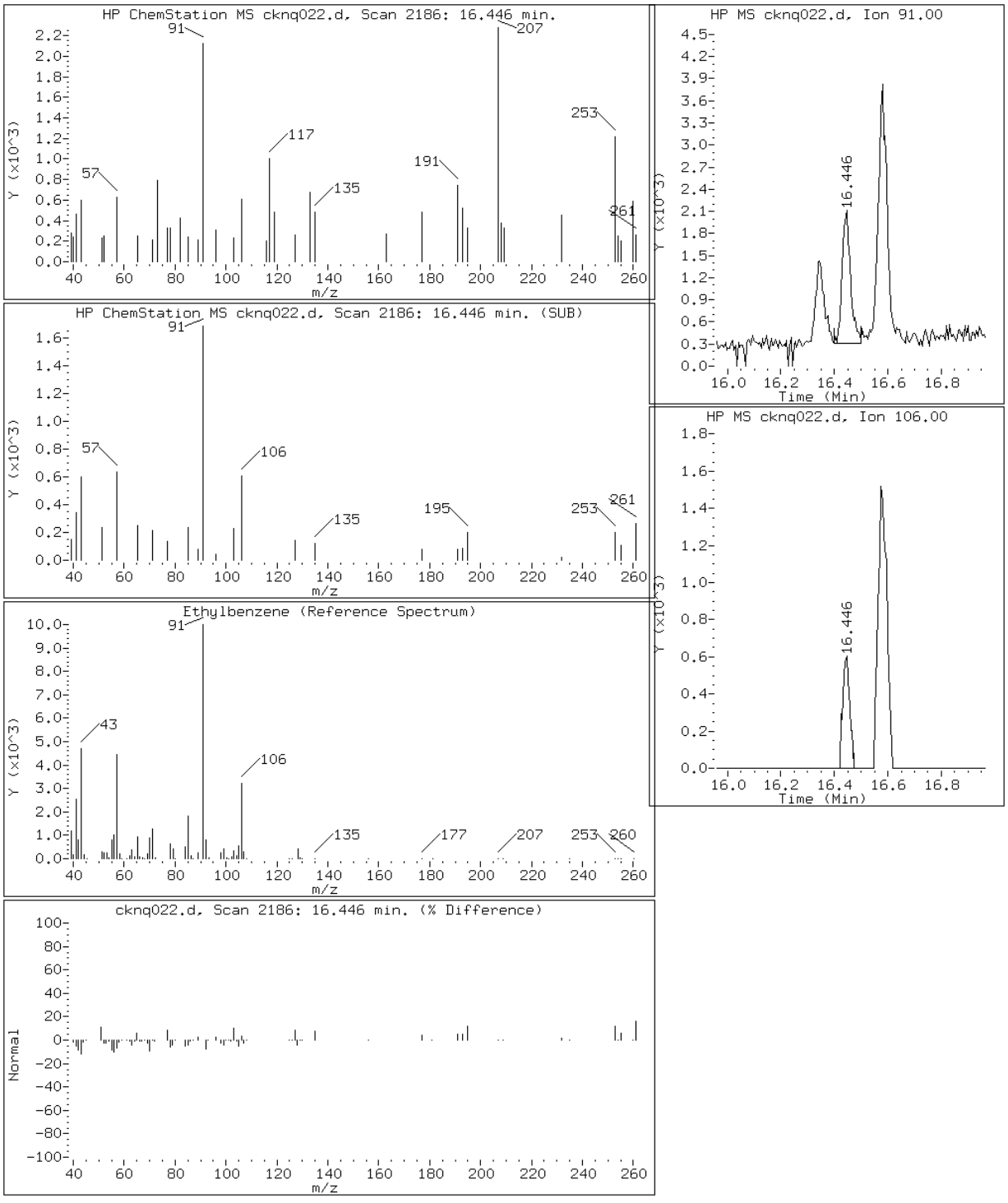
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

68 Ethylbenzene



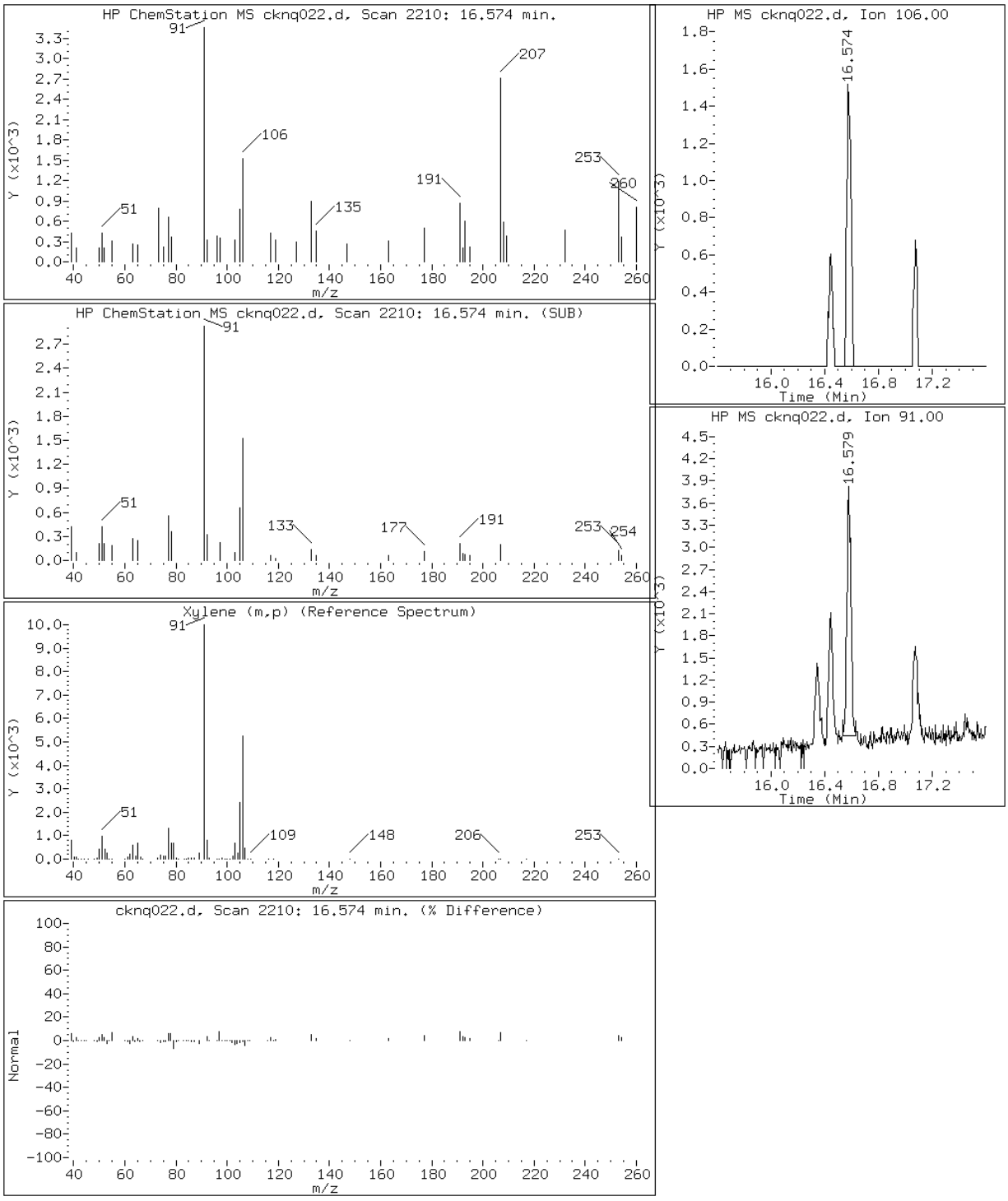
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

69 Xylene (m,p)



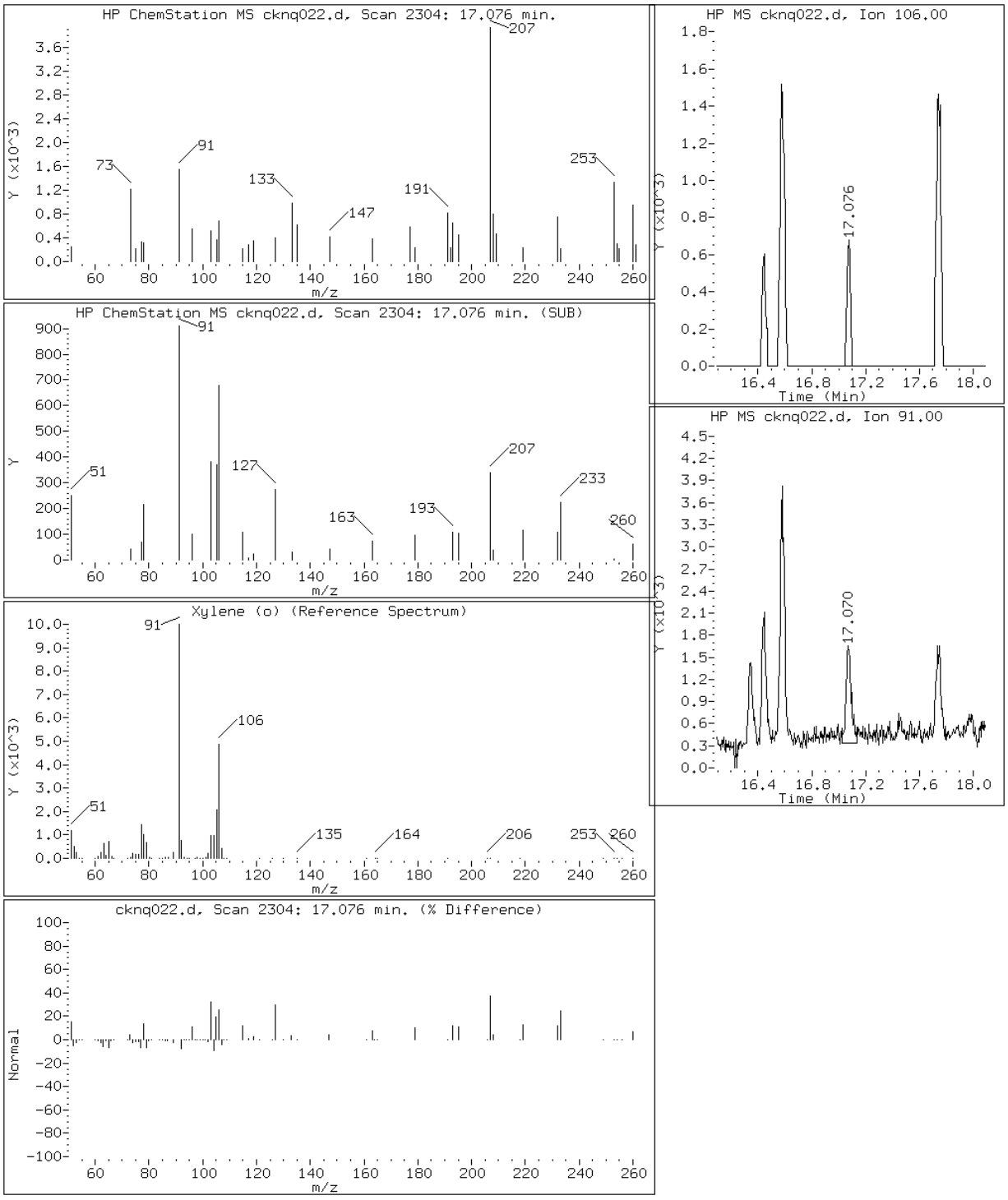
Data File: cknq022.d

Lab Sample ID: 280-25294-1 Date: 07-FEB-2012 02:46

Client ID: 785IA07 Instrument: C.i

Sample Info: 280-25294-A-1 Operator: wrd

71 Xylene (o)



Manual Integration Report

Data File: cknq022.d
Lab Sample ID: 280-25294-1
Inj. Date and Time: 07-FEB-2012 02:46
Instrument ID: C.i
Client ID: 785IA07
Compound: 5 Chloromethane
CAS #: 74-87-3
Report Date: 02/08/2012

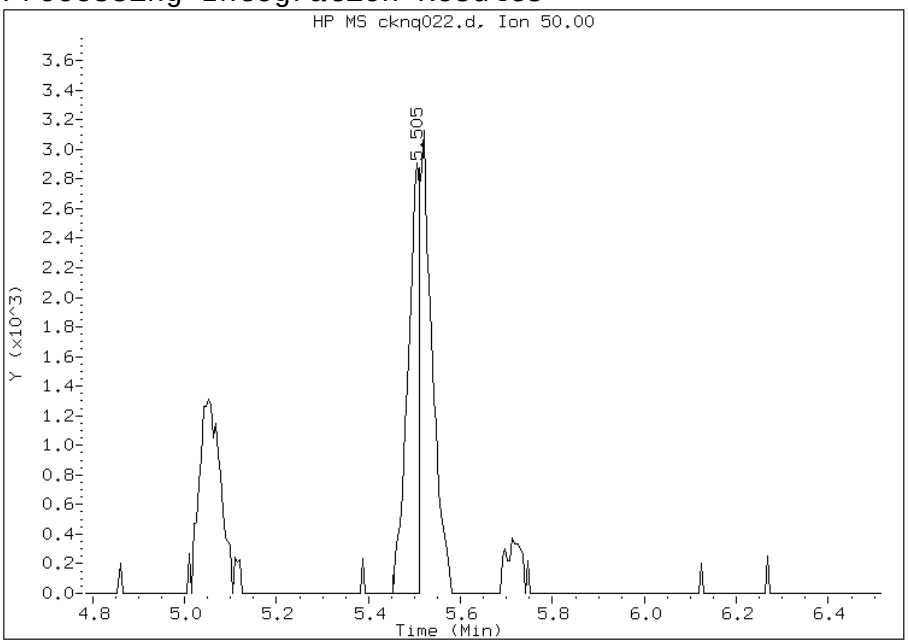
Processing Integration Results

RT: 5.51

Response: 5326

Amount: 0.289424

Conc: 0.289424



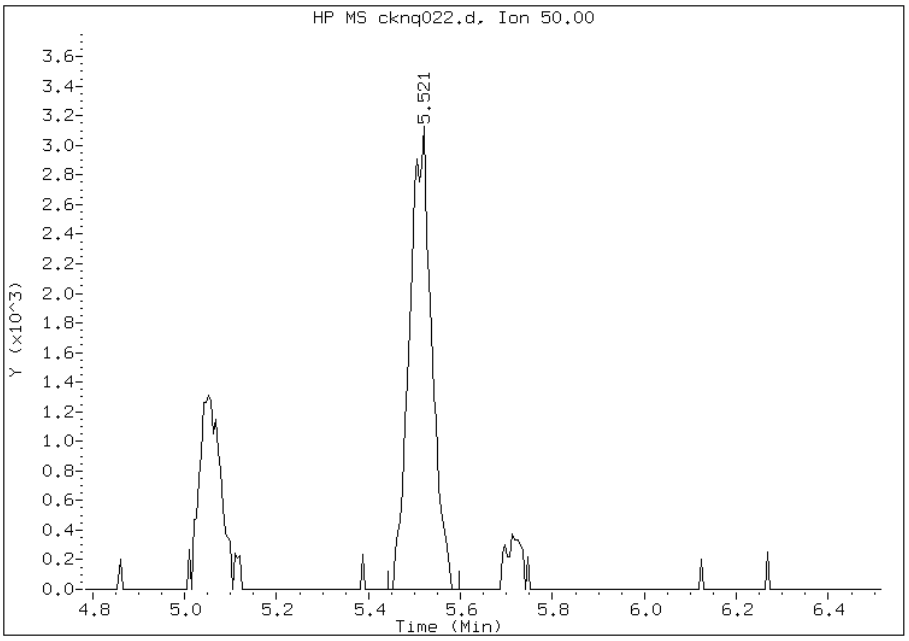
Manual Integration Results

RT: 5.52

Response: 10730

Amount: 0.583006

Conc: 0.583006



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.: 280-25294-1

SDG No.:

Client Sample ID: 785IA06 Lab Sample ID: 280-25294-2

Matrix: Air Lab File ID: cknq023.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 03:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.56		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.58		0.50	0.013
106-97-8	n-Butane	58.12	0.95		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.074	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	1.4	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.19	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.38		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.26	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.082	J	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.085	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.087	J M	0.20	0.036
71-43-2	Benzene	78.11	0.23		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.12	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA06 Lab Sample ID: 280-25294-2

Matrix: Air Lab File ID: cknq023.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 03:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.63		0.50	0.026
108-88-3	Toluene	92.14	0.65		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.15	J	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.42	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.12	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.54		0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA06 Lab Sample ID: 280-25294-2

Matrix: Air Lab File ID: cknq023.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 03:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA06 Lab Sample ID: 280-25294-2

Matrix: Air Lab File ID: cknq023.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 03:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	1.2		1.0	0.027
106-97-8	n-Butane	58.12	2.3		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.56	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	3.3	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.67	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	1.3		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.76	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.28	J	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.53	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.41	J M	0.93	0.17
71-43-2	Benzene	78.11	0.75		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.48	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA06 Lab Sample ID: 280-25294-2

Matrix: Air Lab File ID: cknq023.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 03:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	2.6		2.0	0.11
108-88-3	Toluene	92.14	2.4		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.67	J	0.87	0.096
179601-23-1	m,p-Xylene	106.17	1.8	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.51	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	2.3		0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785IA06 Lab Sample ID: 280-25294-2

Matrix: Air Lab File ID: cknq023.d

Analysis Method: TO-15 Date Collected: 01/27/2012 11:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 03:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25294-2
Client Smp ID: 785IA06
Inj Date : 07-FEB-2012 03:36
Operator : wrd Inst ID: C.i
Smp Info : 280-25294-A-2
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.047	5.057	(0.454)	34545	0.56452	0.56
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.511	5.516	(0.496)	10790	0.58179	0.58
6 Butane	43	5.719	5.730	(0.515)	35136	0.95117	0.95
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	7.139	7.149	(0.643)	15519	0.25037	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	3179	0.07357	0.074(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.217	8.211	(0.740)	43413	1.40341	1.4(a)
21 Carbon disulfide	76	Compound Not Detected.					

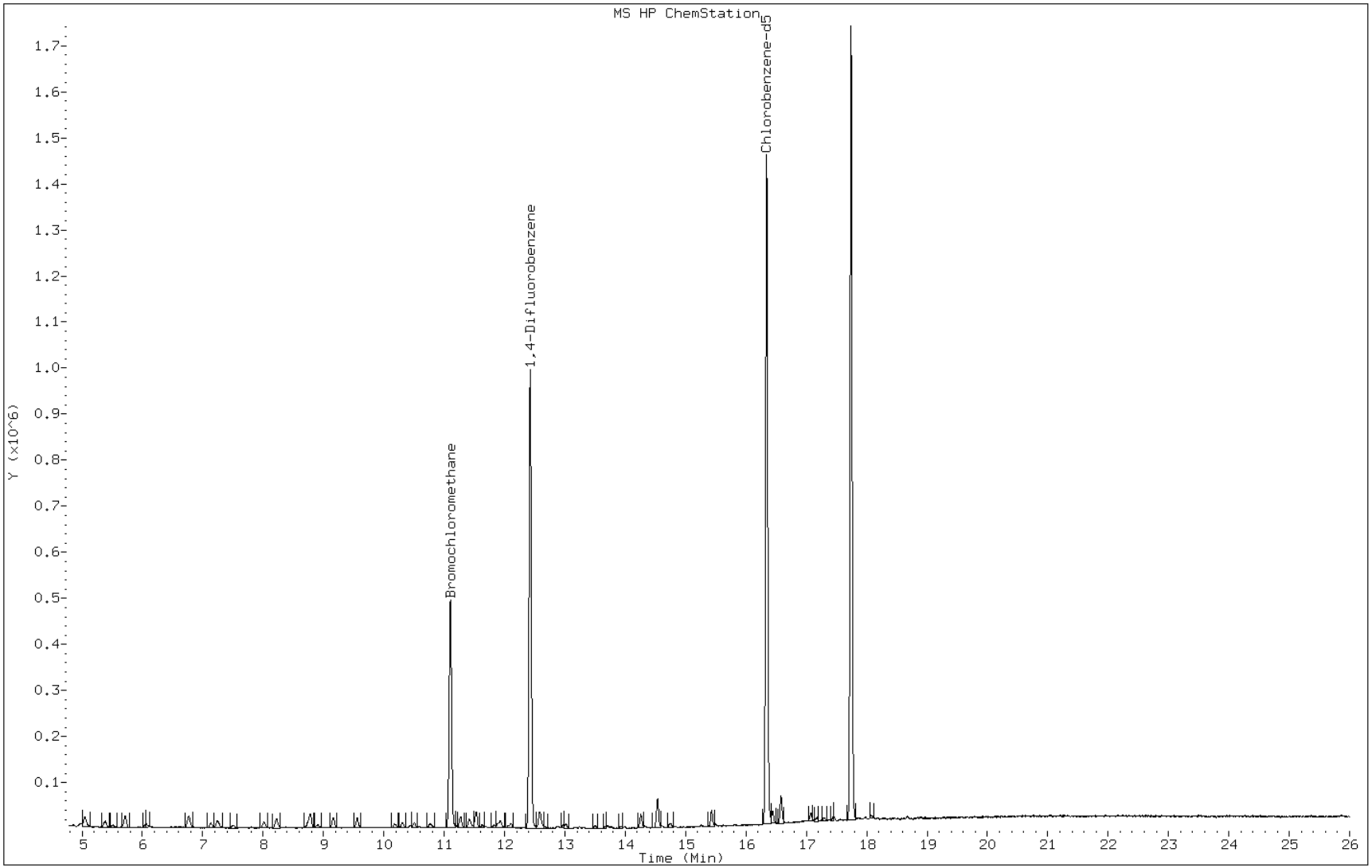
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.889	8.910	(0.801)	4508	0.19390	0.19(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.556	9.572	(0.861)	14301	0.37884	0.38
	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	10.762	10.762	(0.969)	2919	0.25749	0.26(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	189679	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.456	11.477	(0.922)	2969	0.08197	0.082(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	4872	0.08479	0.085(a)
	43 2,2,4-Trimethylpentane	57	11.894	11.904	(0.957)	10707	0.08685	0.087(aM)
	44 Benzene	78	11.937	11.958	(0.960)	18411	0.23433	0.23
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.113	12.129	(0.975)	5348	0.11699	0.12(a)
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1102427	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	14.263	14.269	(1.148)	29581	0.62641	0.63
	58 Toluene	92	14.536	14.557	(0.889)	38323	0.64938	0.65
	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	16.345	16.366	(1.000)	1062926	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.441	16.462	(1.006)	20041	0.15341	0.15(a)
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	21713	0.42283	0.42(a)
M	70 Xylenes, Total	106				27412	0.53917	0.54
	71 Xylene (o)	106	17.071	17.092	(1.044)	5699	0.11634	0.12(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	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:	cknq023.d	Date:	07-FEB-2012 03:36
Client ID:	785IA06	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25294-A-2		
Lab Sample ID:	280-25294-2		



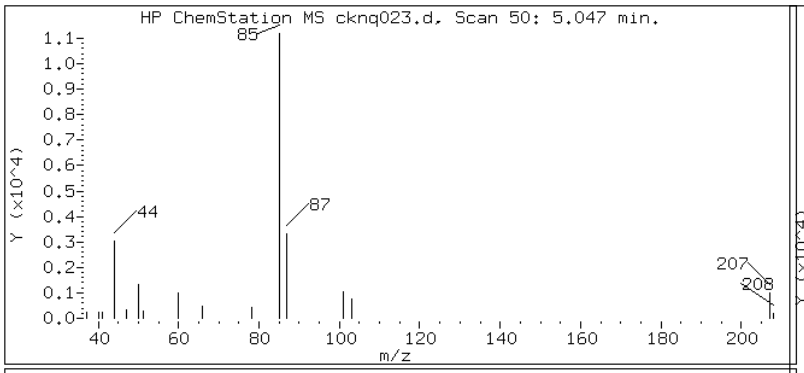
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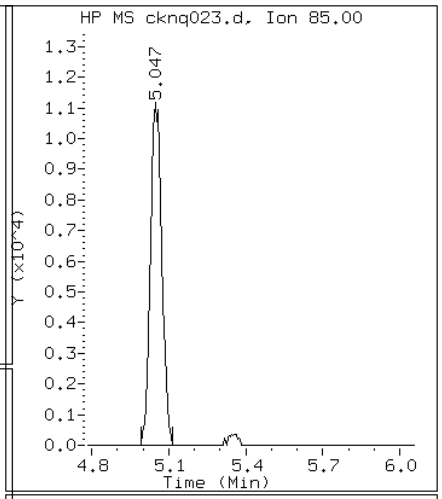
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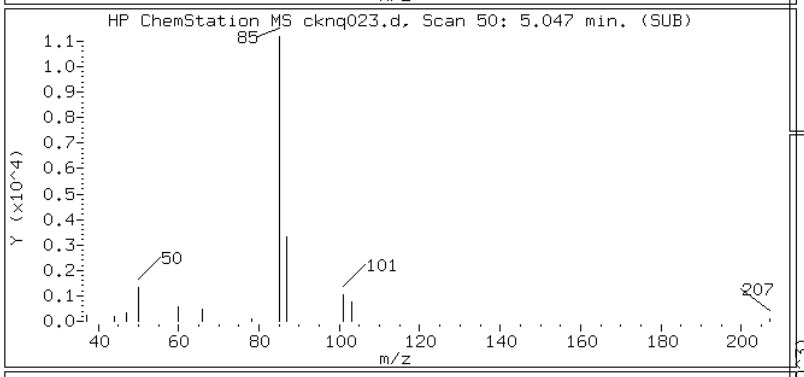
Client ID: 785IA06 Instrument: C.i

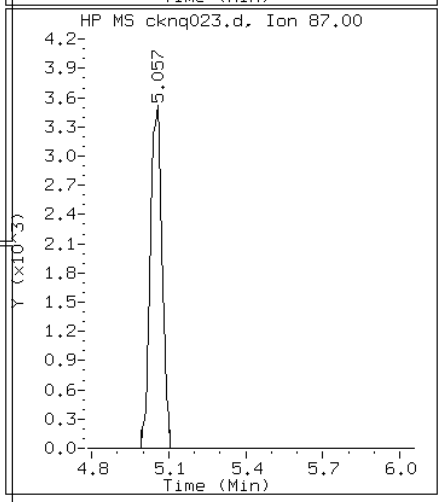
Sample Info: 280-25294-A-2 Operator: wrd

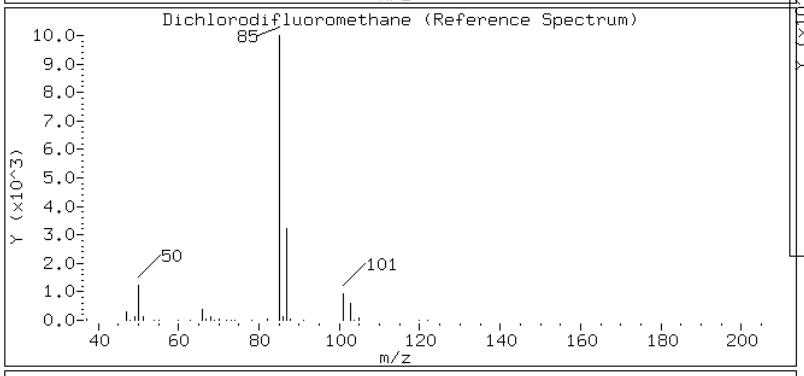
2 Dichlorodifluoromethane

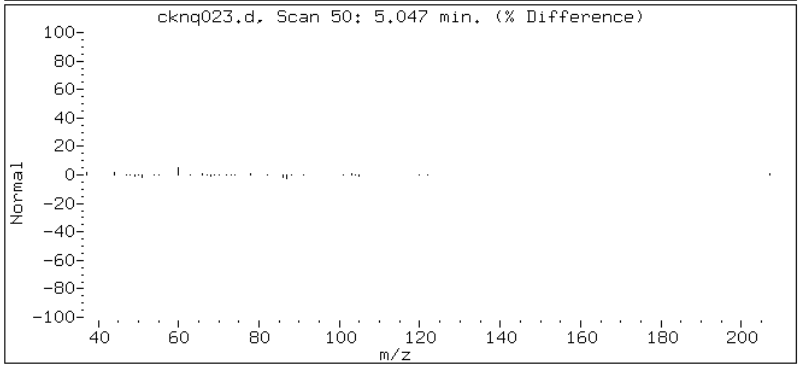












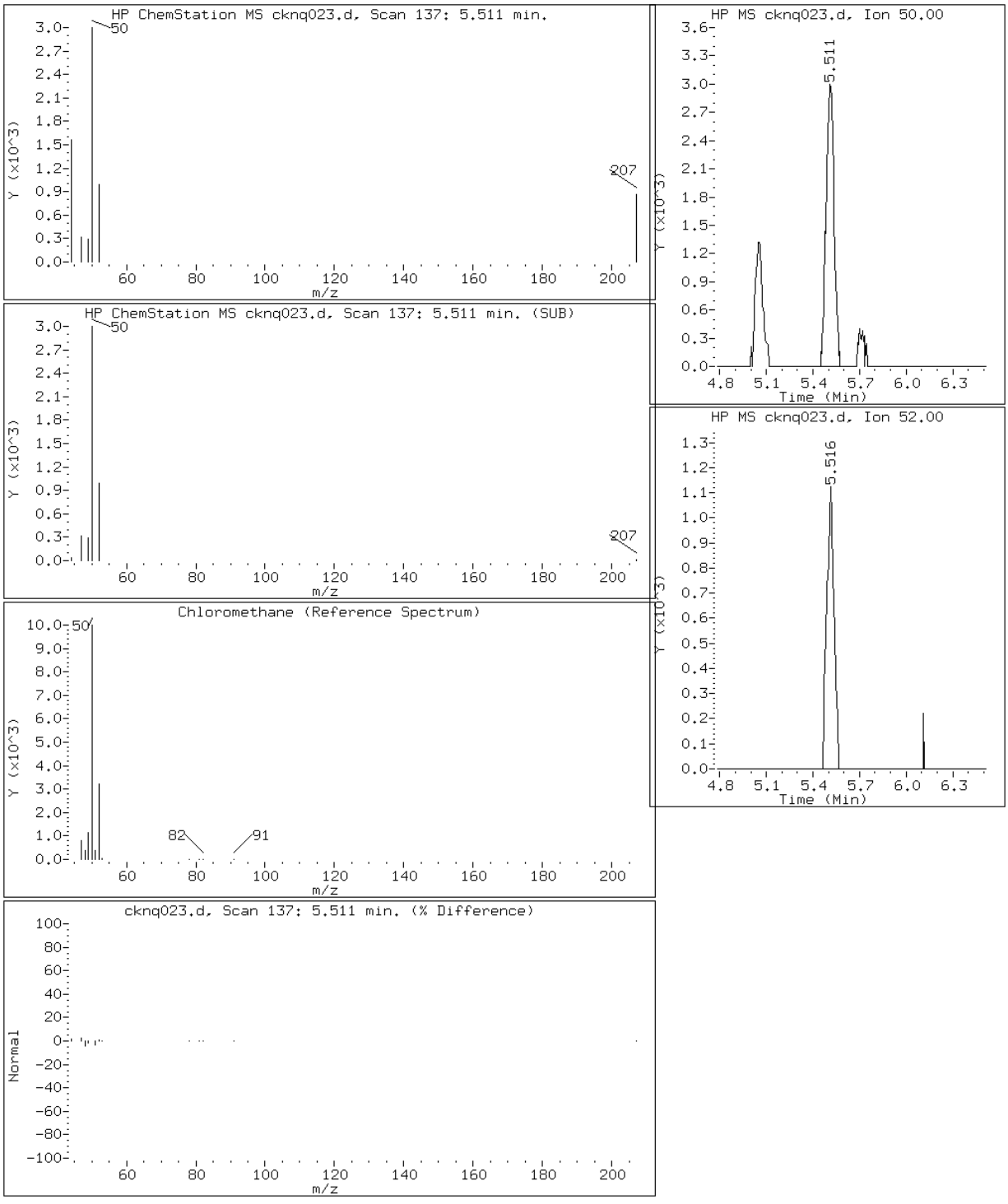
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

5 Chloromethane



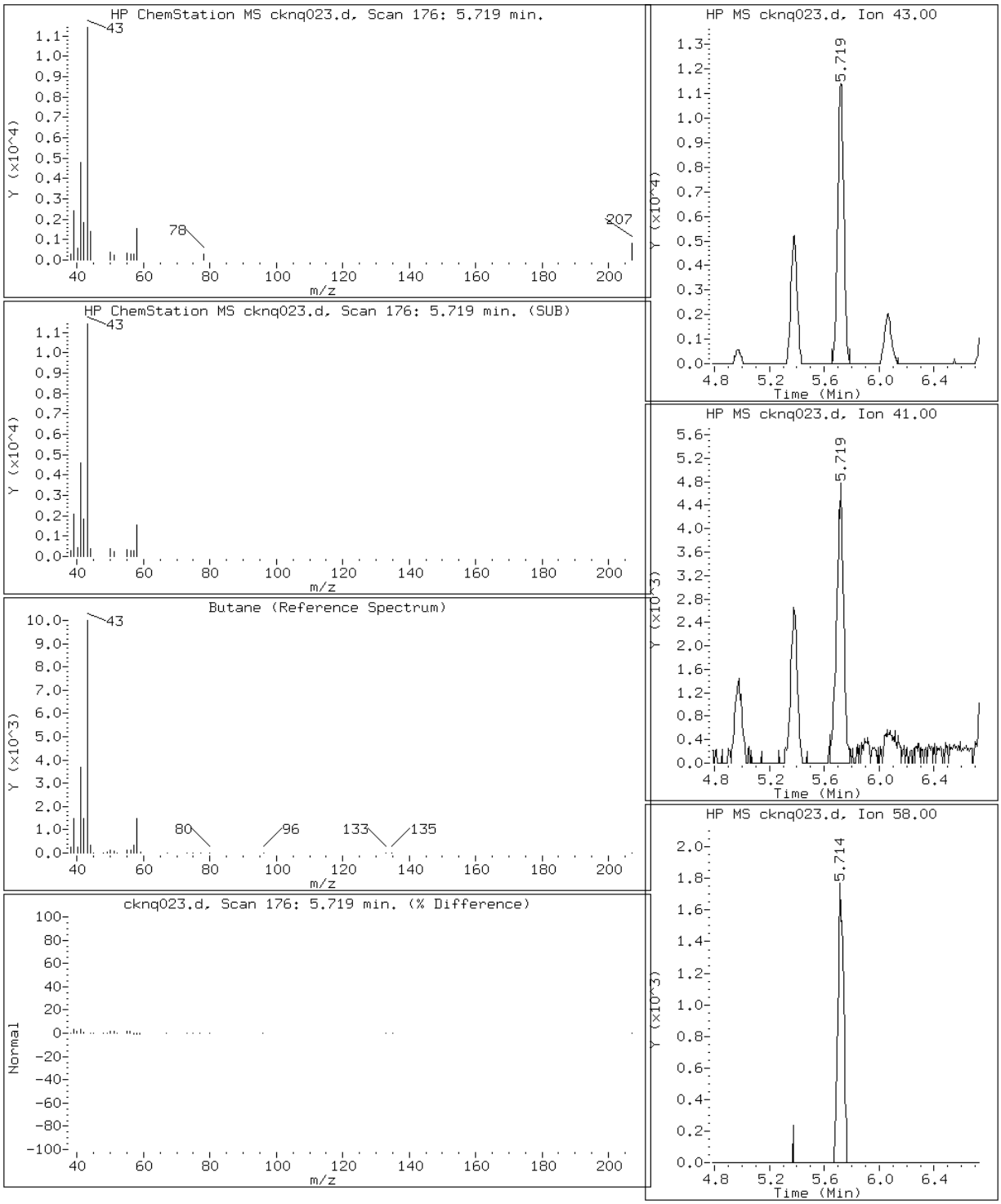
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

6 Butane



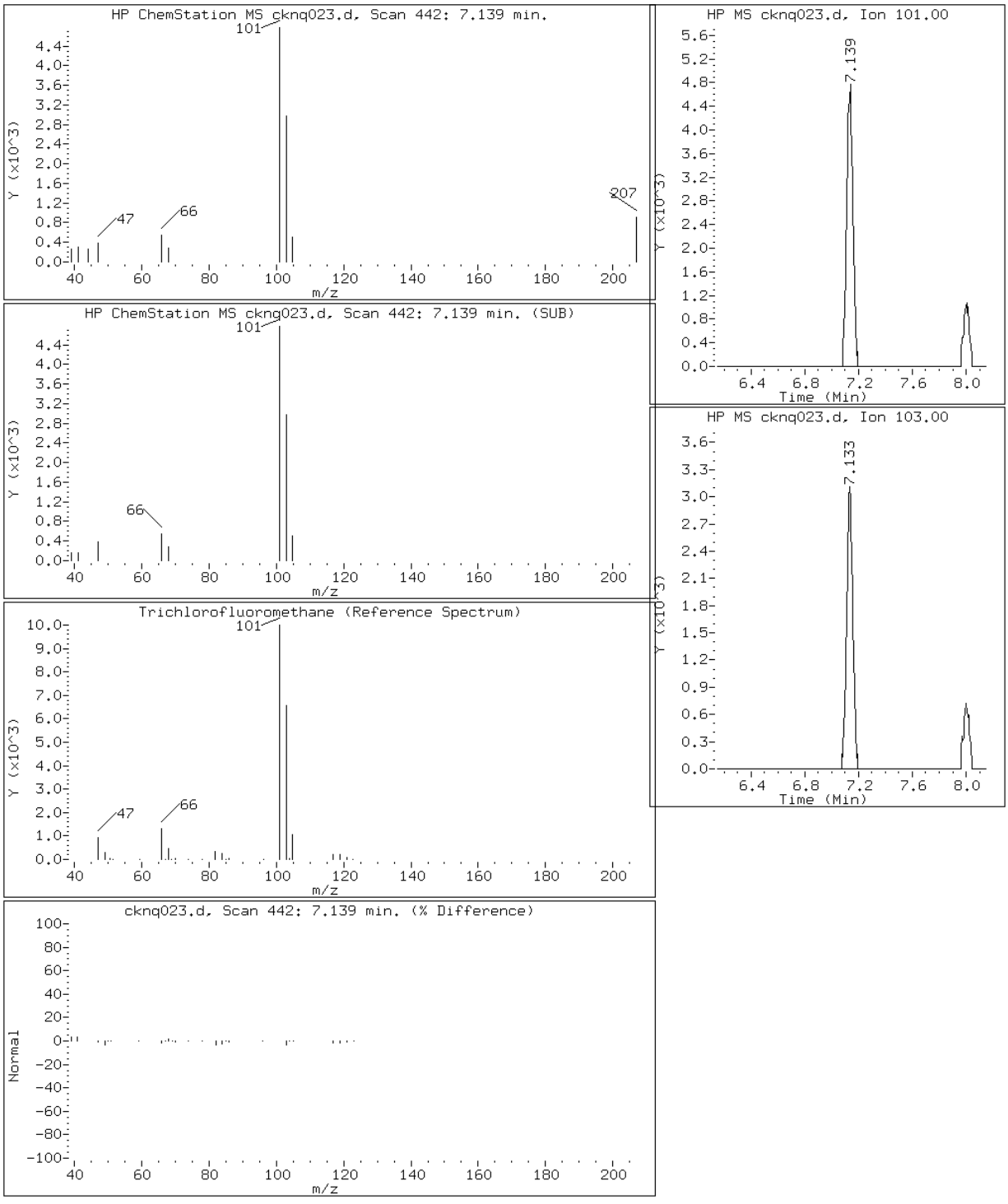
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

13 Trichlorofluoromethane



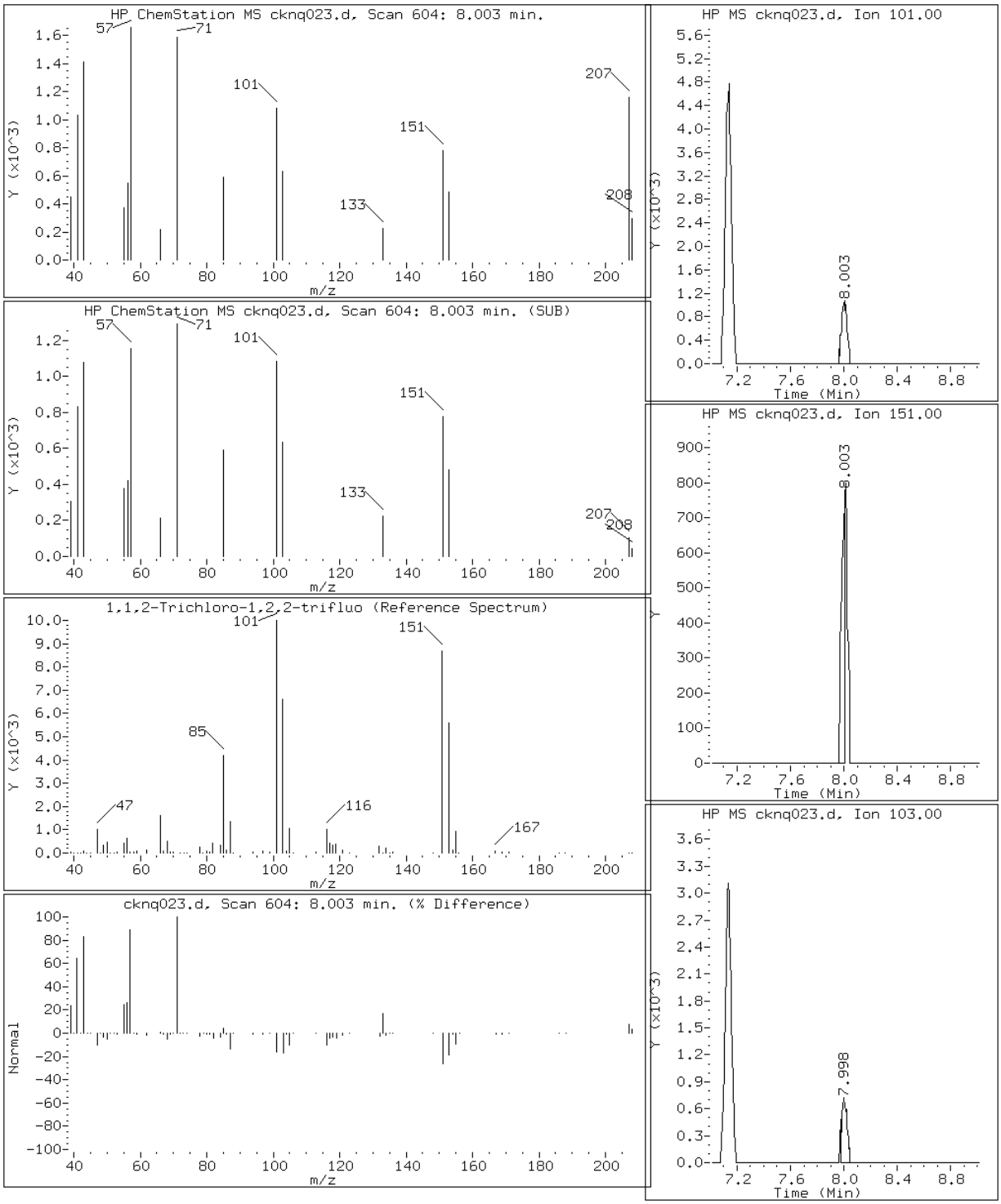
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

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



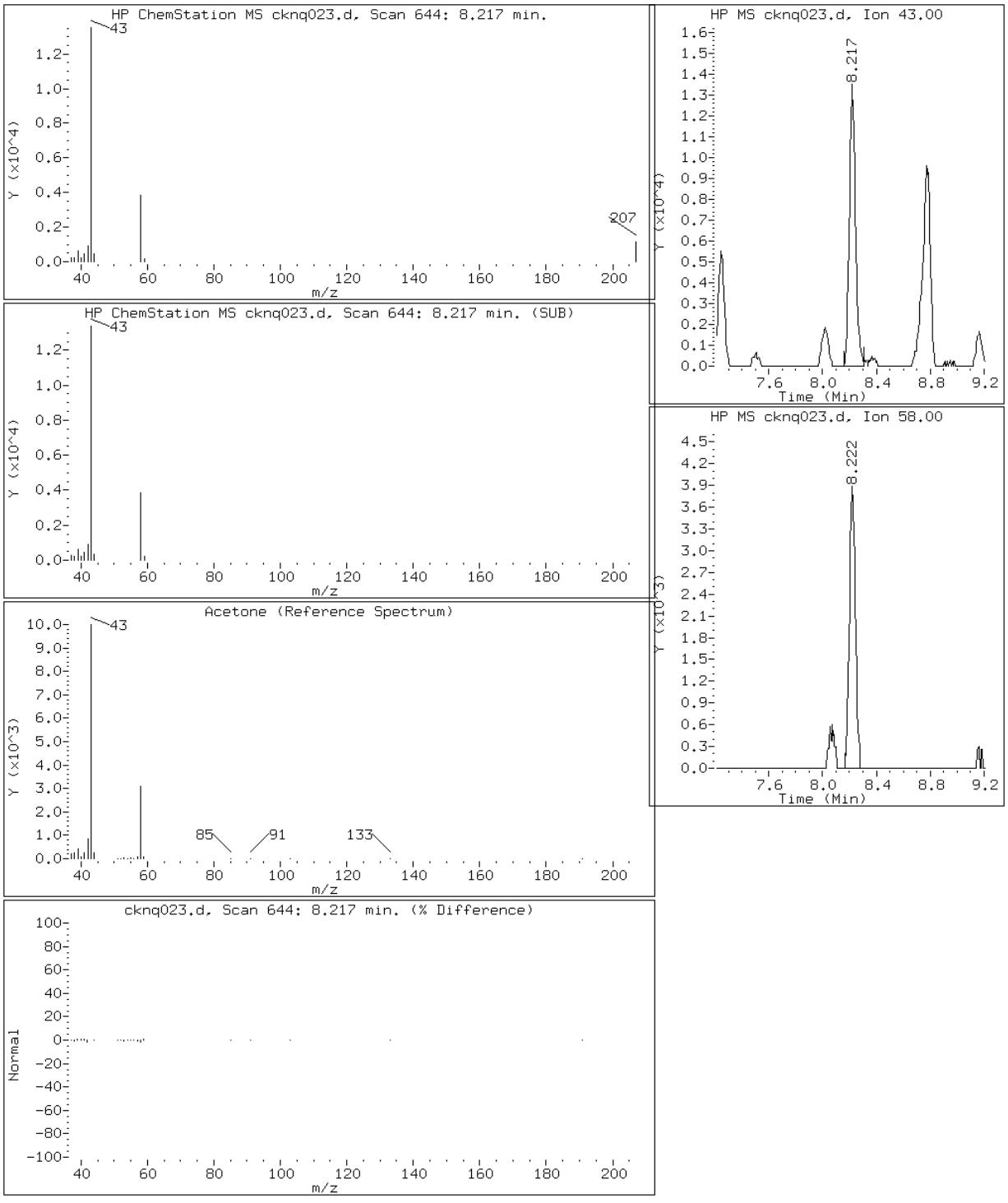
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

20 Acetone



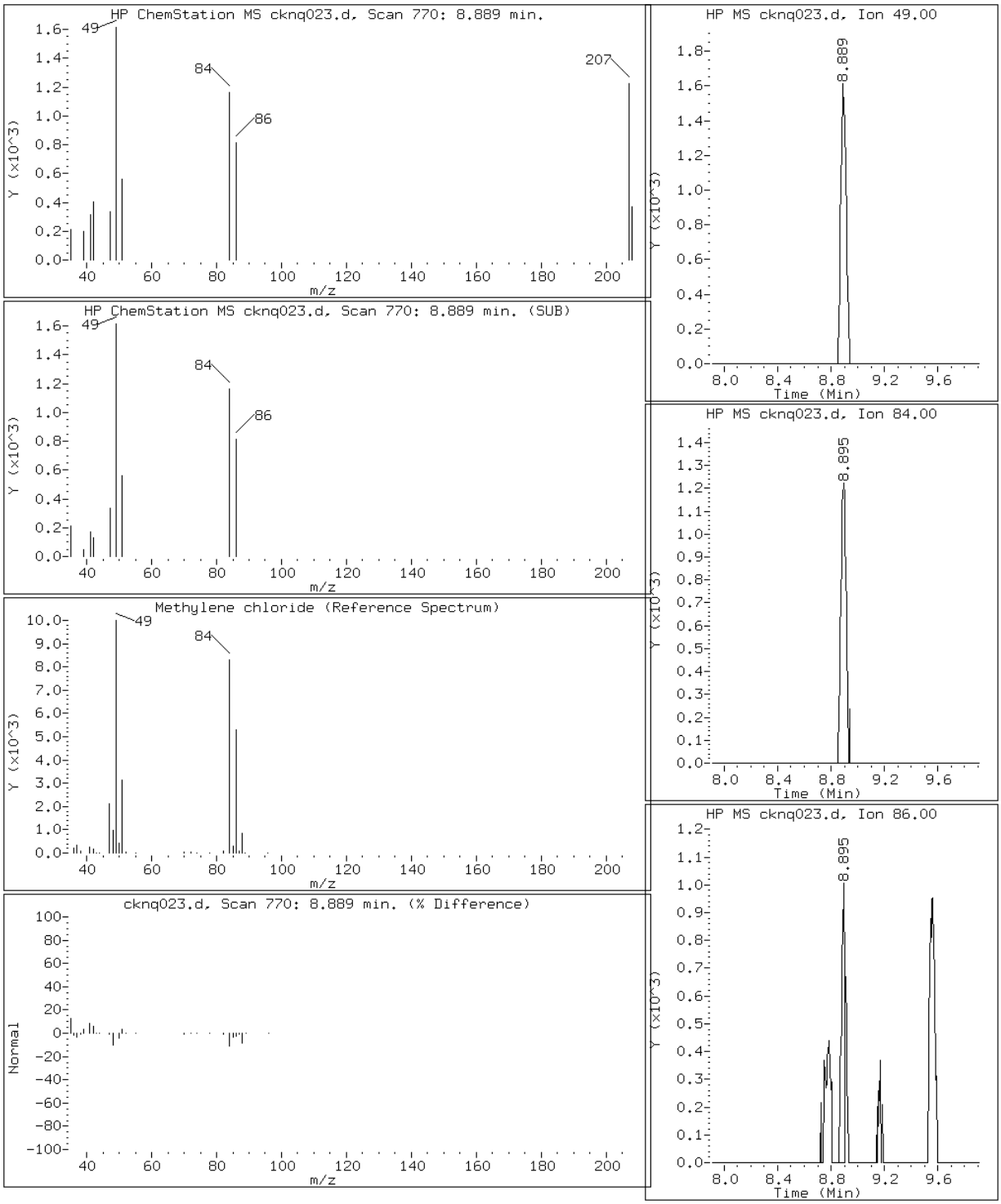
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

25 Methylene chloride



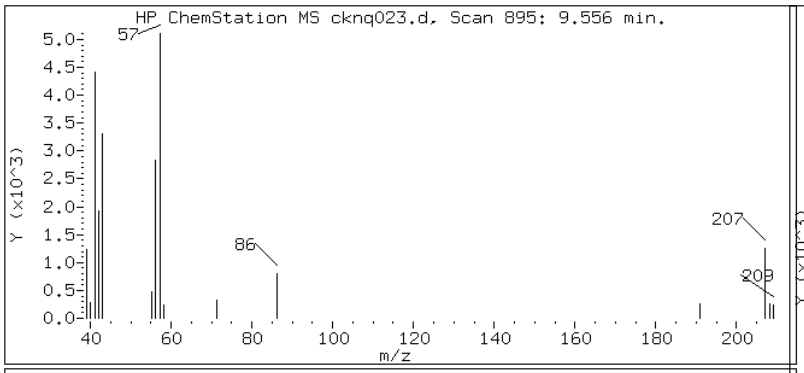
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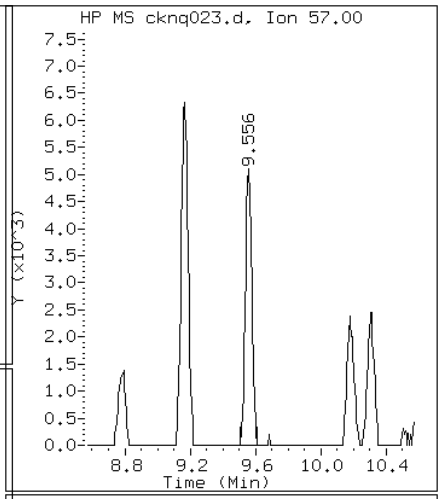
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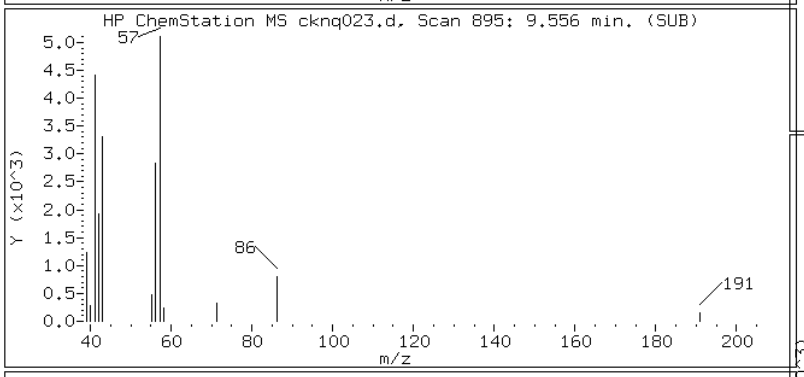
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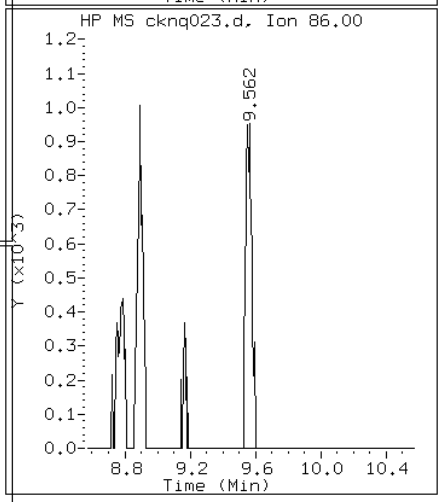
Sample Info: 280-25294-A-2 Operator: wrd

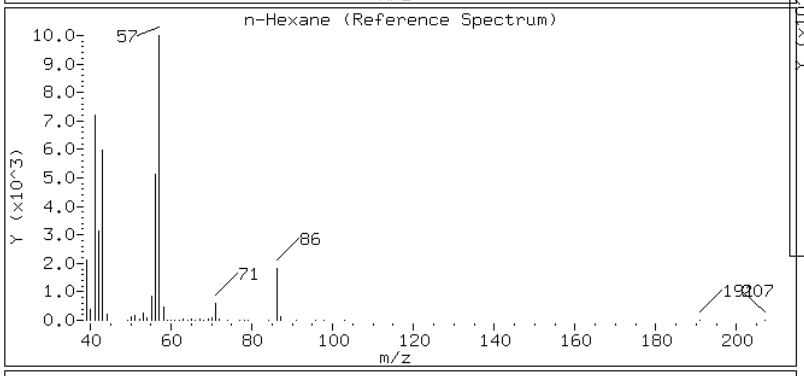
30 n-Hexane

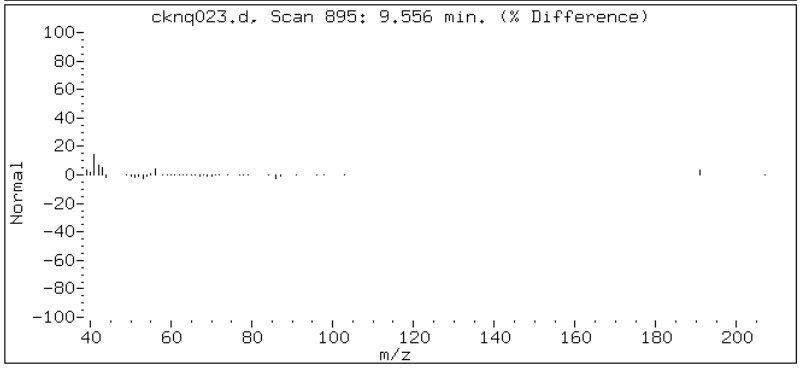












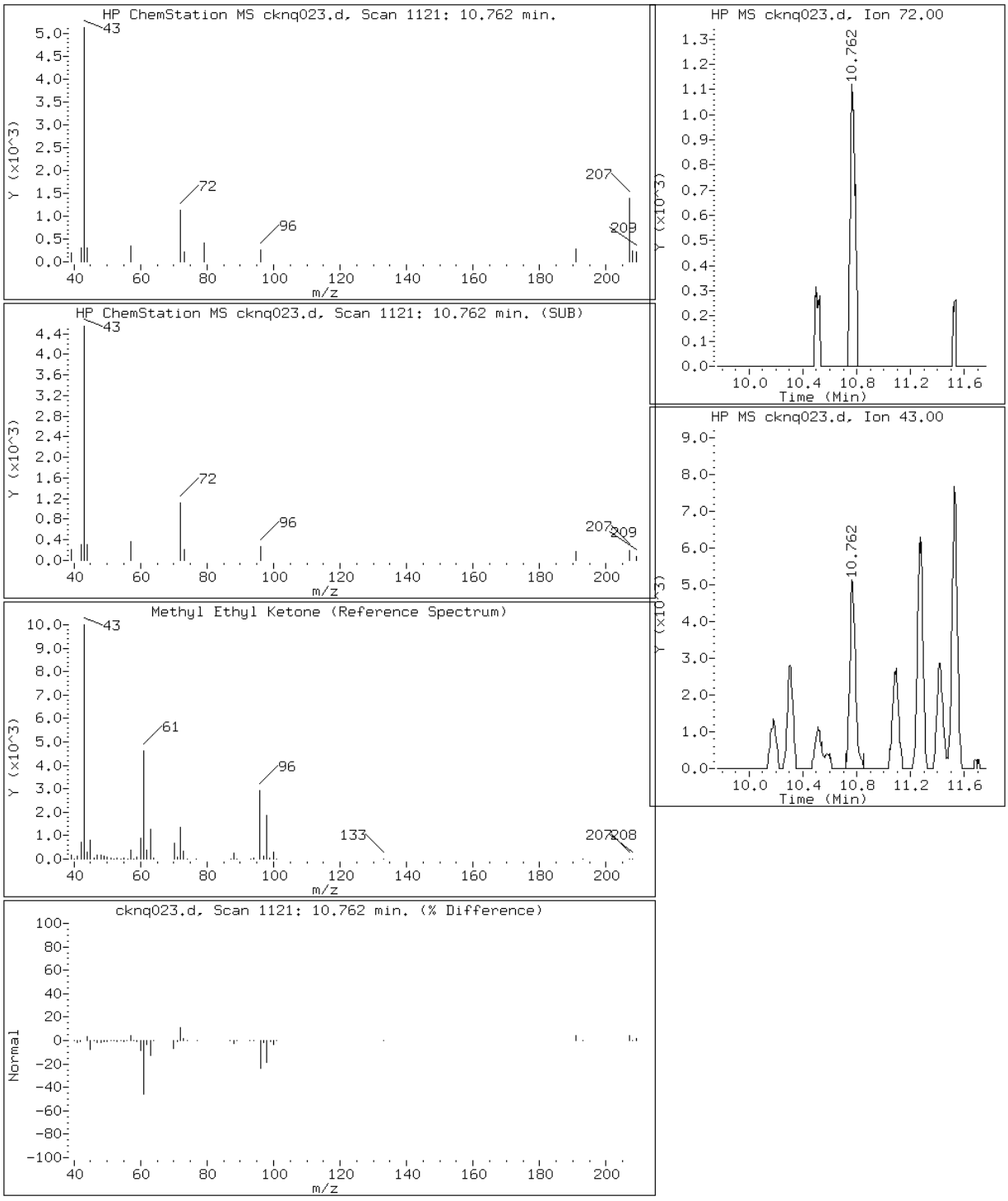
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

36 Methyl Ethyl Ketone



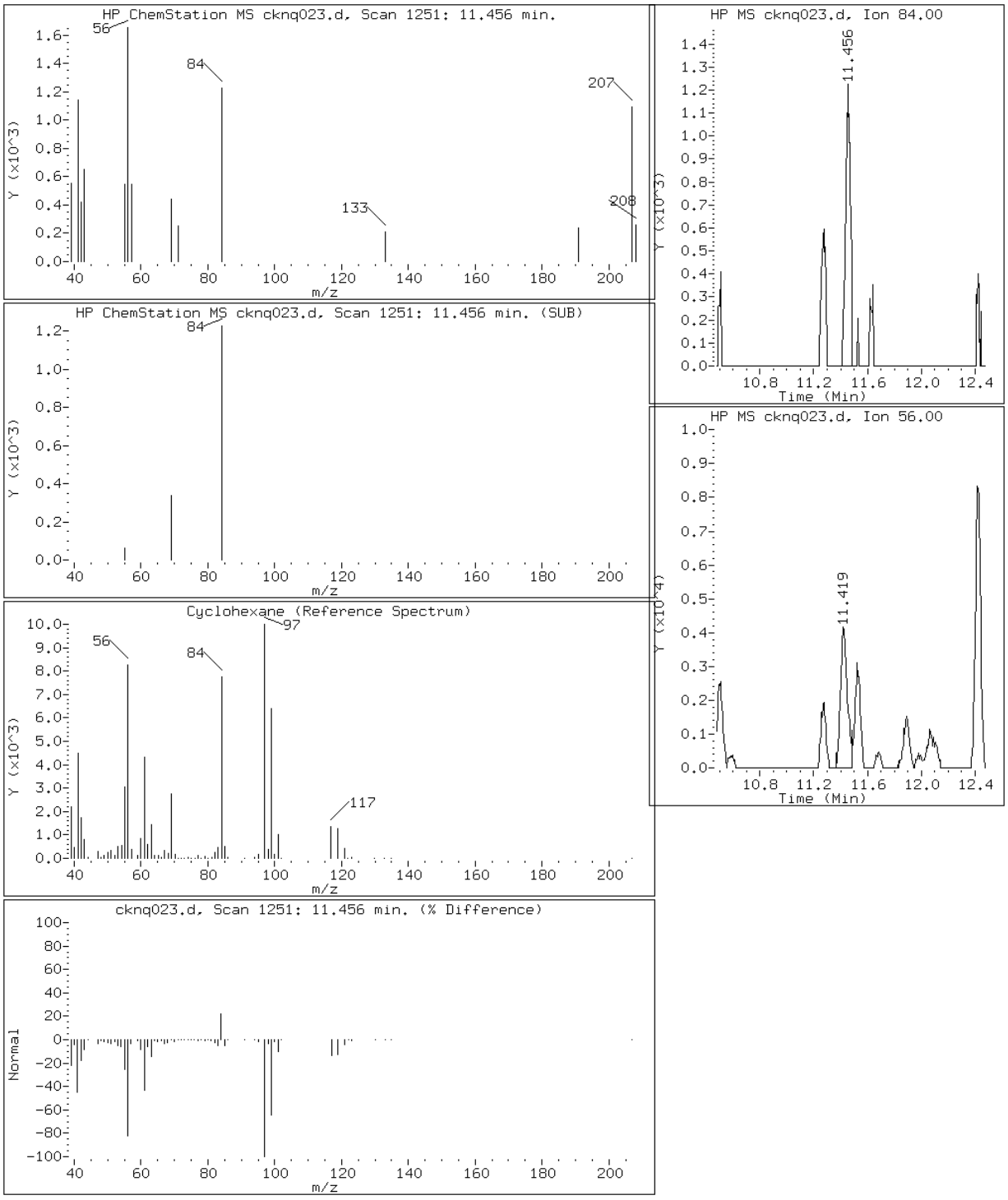
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

40 Cyclohexane



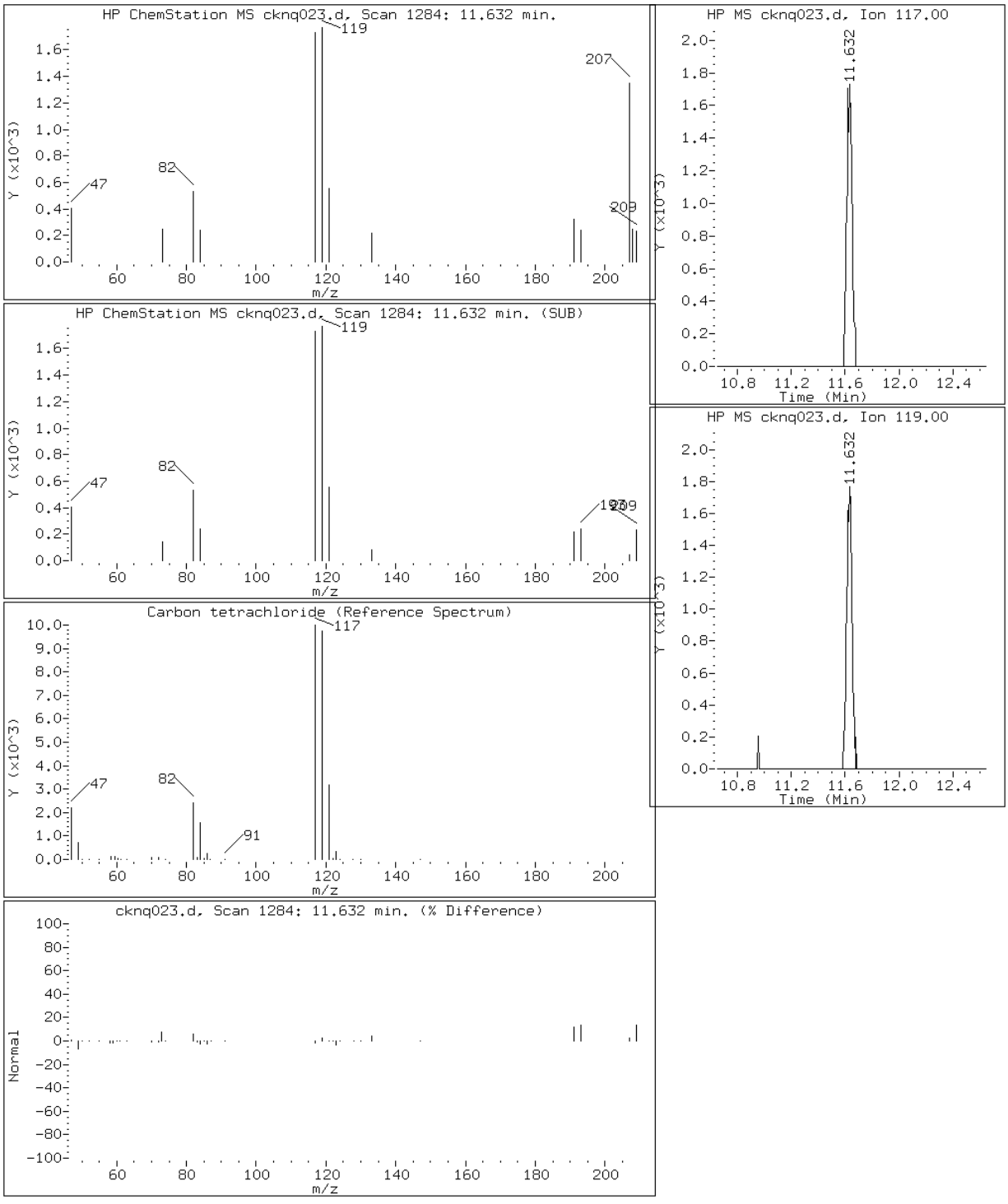
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

42 Carbon tetrachloride



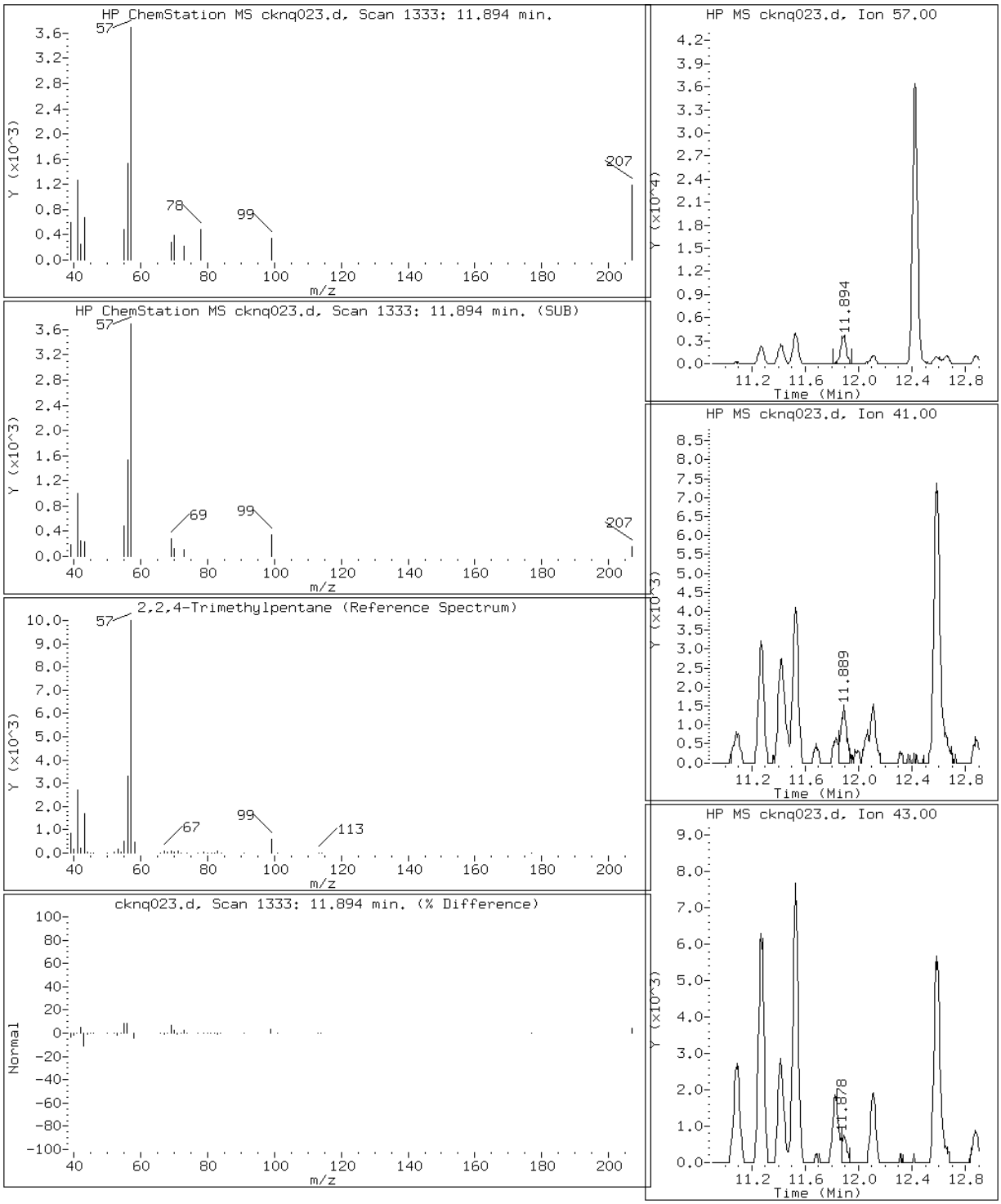
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

43 2,2,4-Trimethylpentane



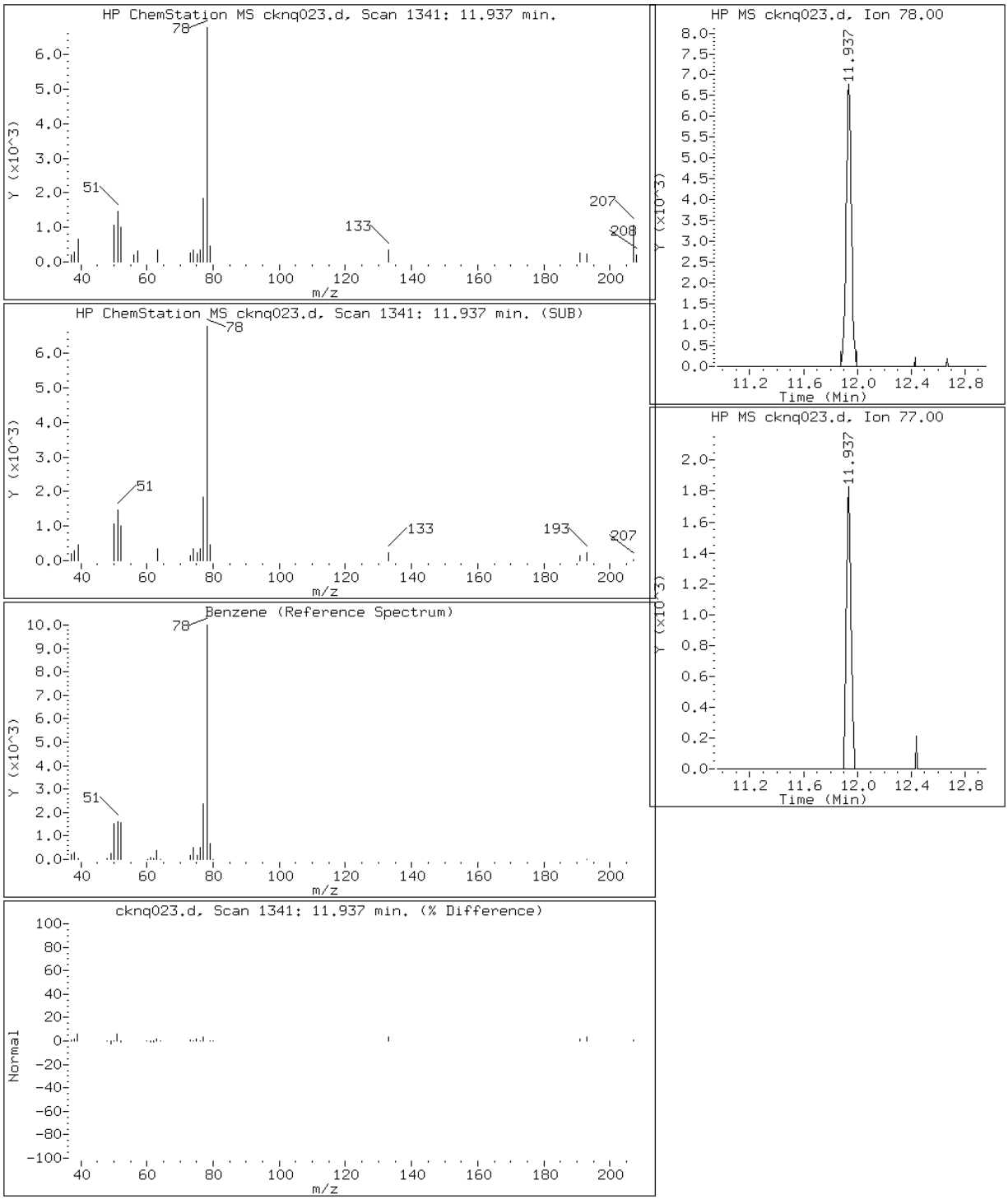
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

44 Benzene



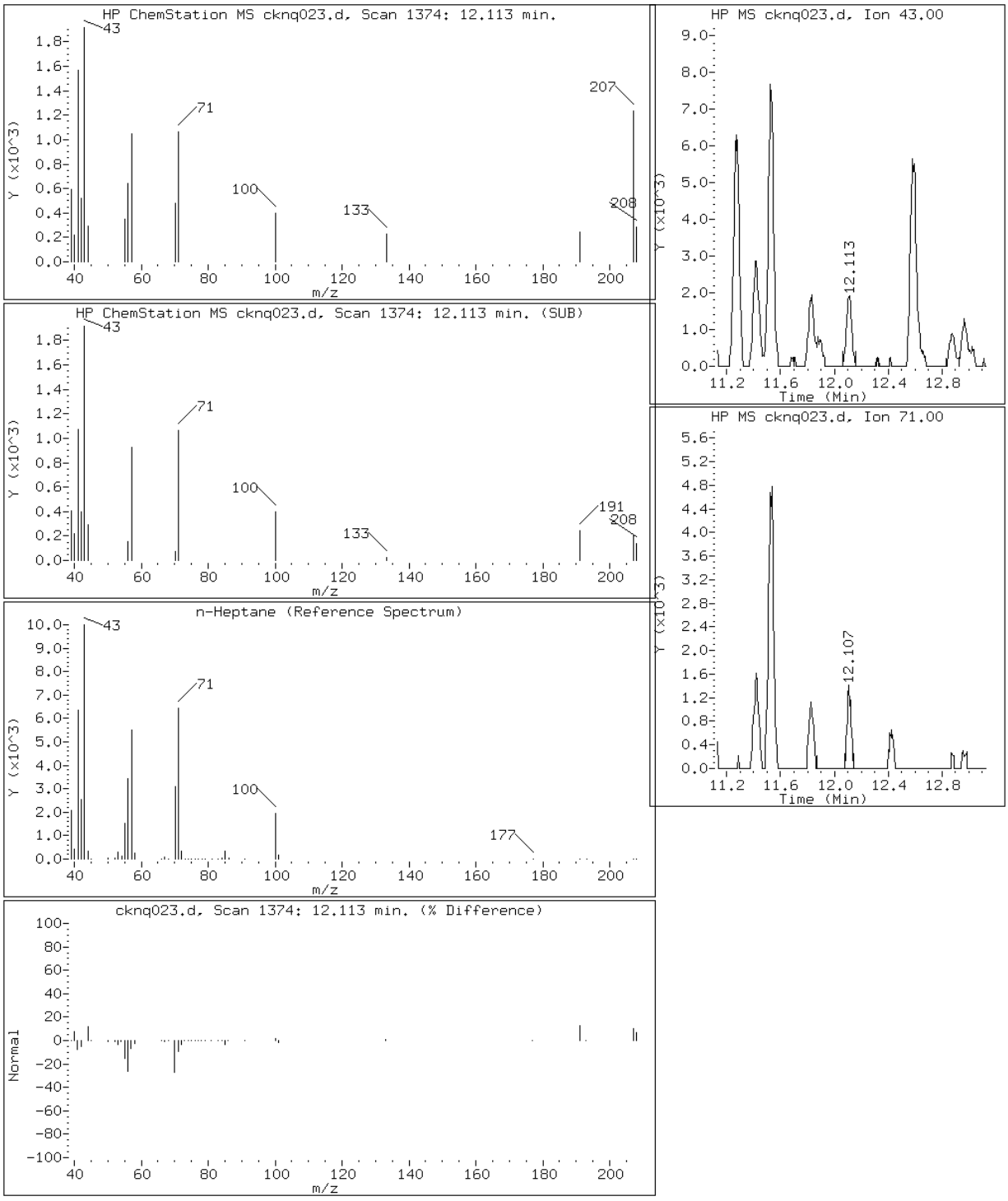
Data File: cknq023.d

Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

46 n-Heptane



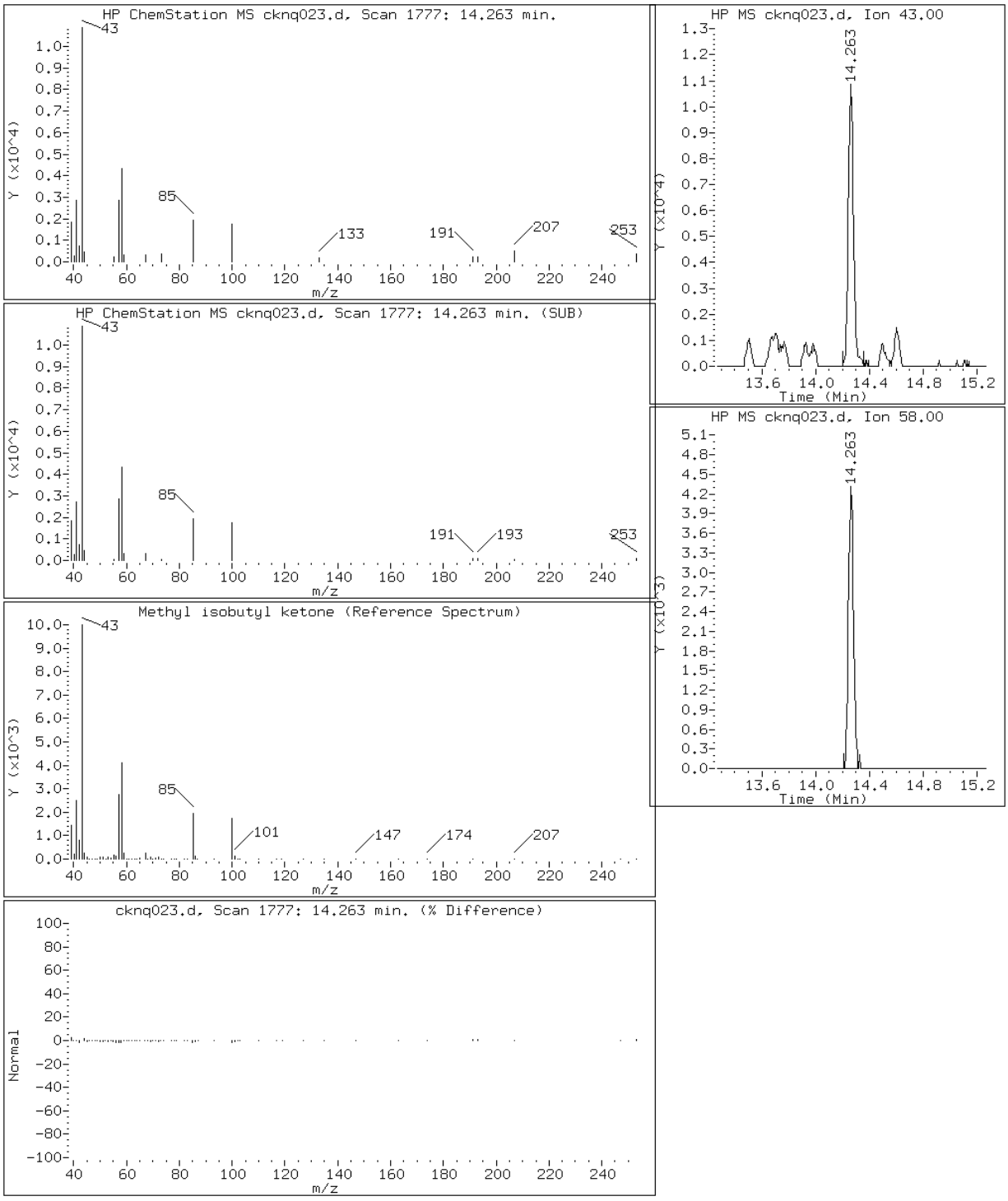
Data File: cknq023.d

Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

56 Methyl isobutyl ketone



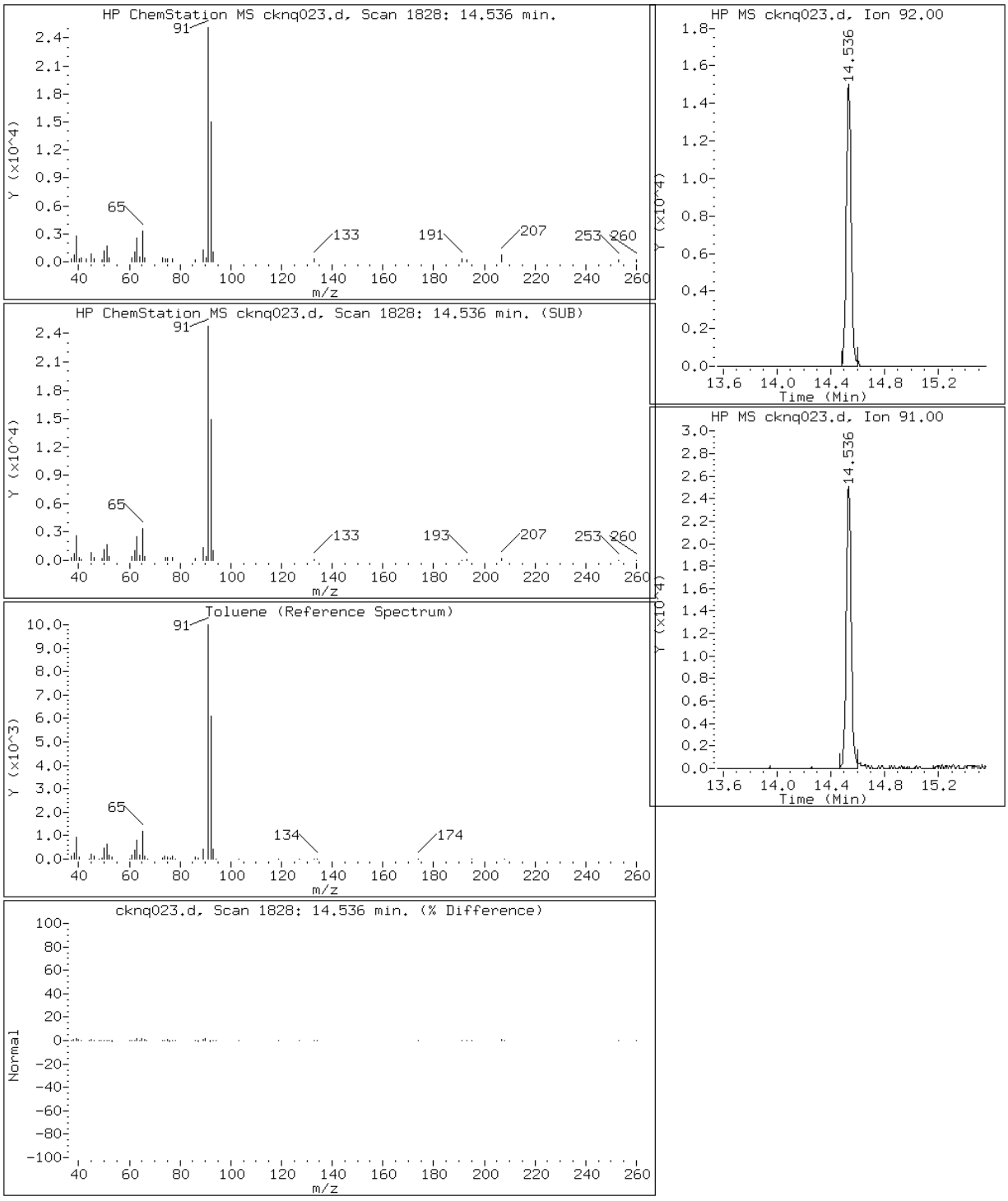
Data File: cknq023.d

Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

58 Toluene



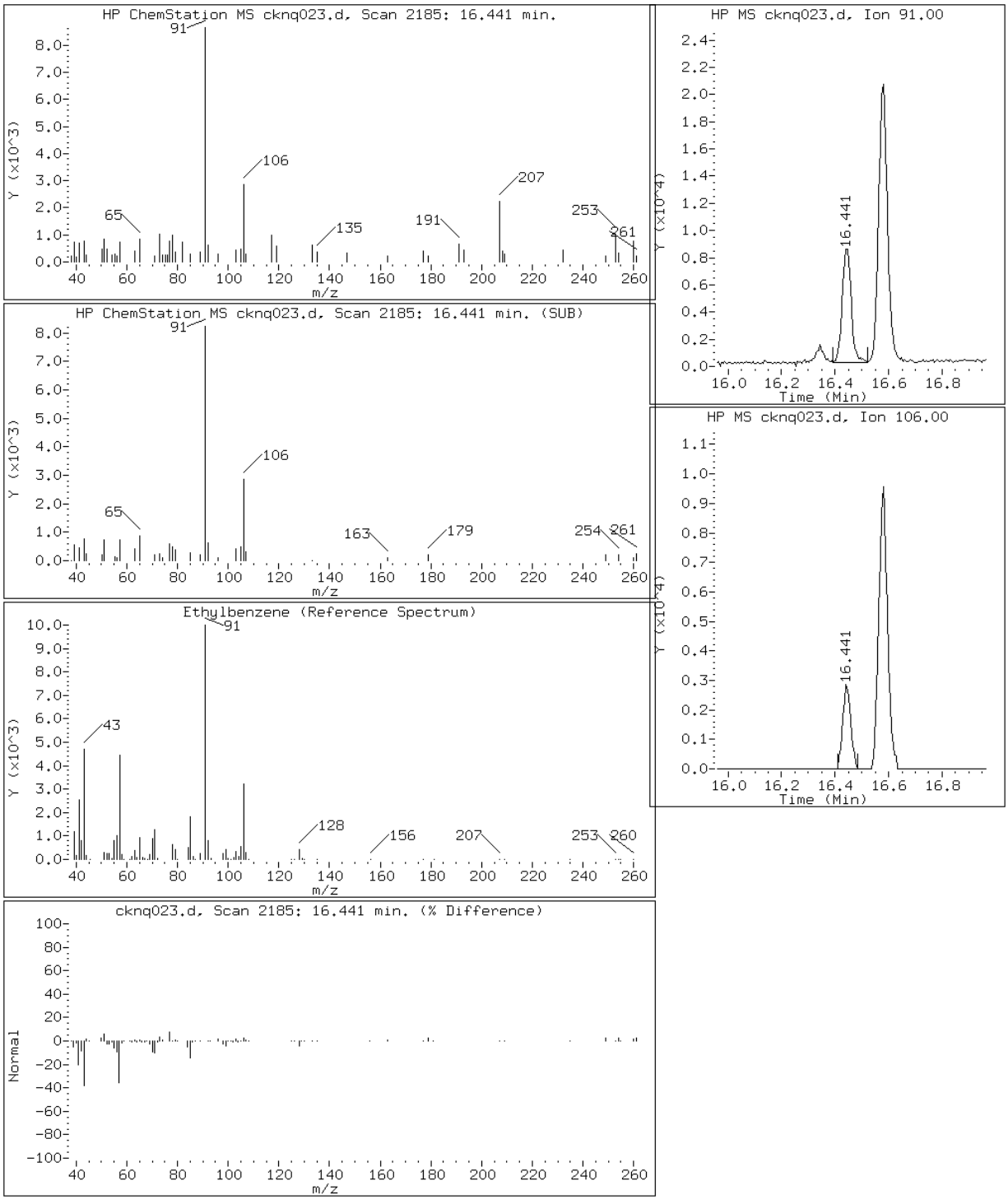
Data File: cknq023.d

Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

68 Ethylbenzene



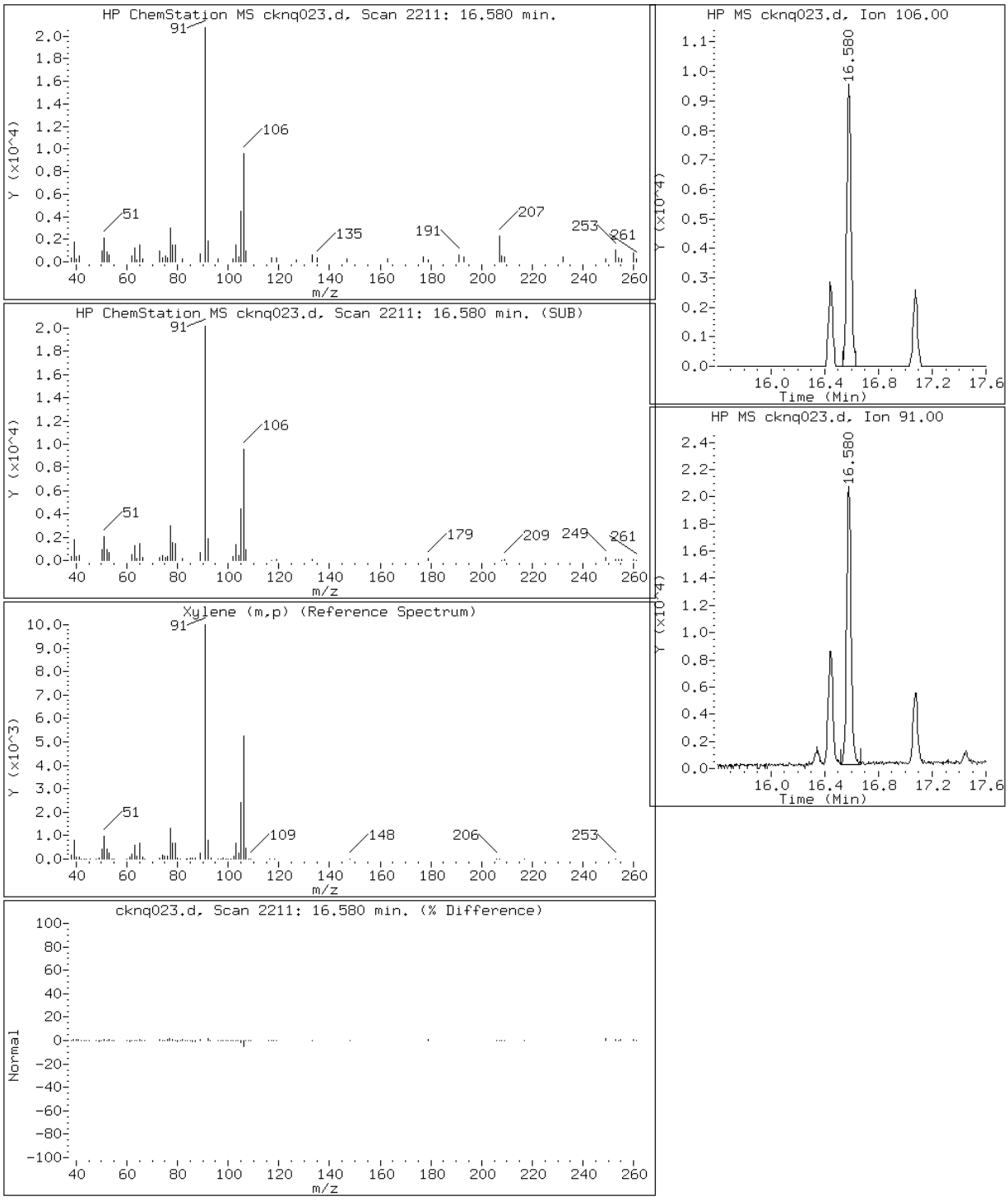
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Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

Client ID: 785IA06 Instrument: C.i

Sample Info: 280-25294-A-2 Operator: wrd

69 Xylene (m,p)



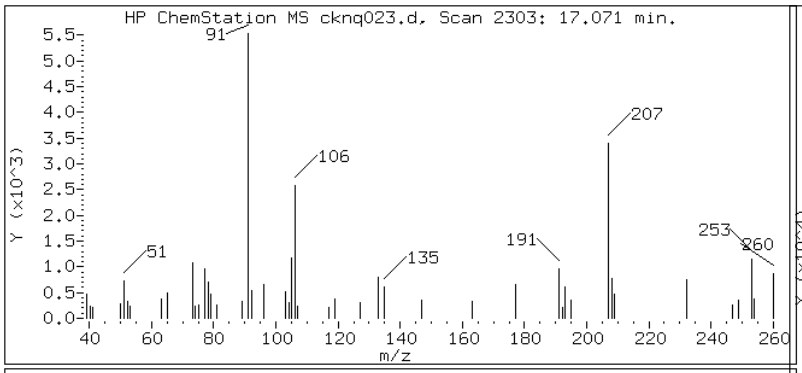
Data File: cknq023.d

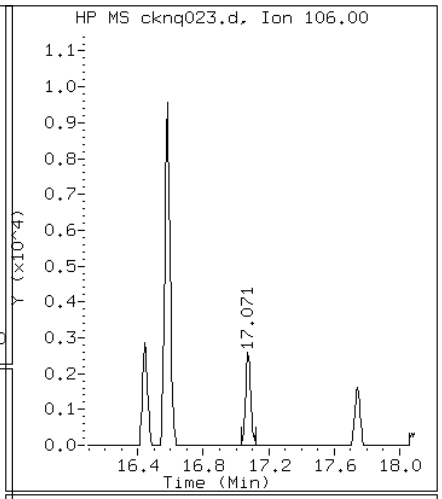
Lab Sample ID: 280-25294-2 Date: 07-FEB-2012 03:36

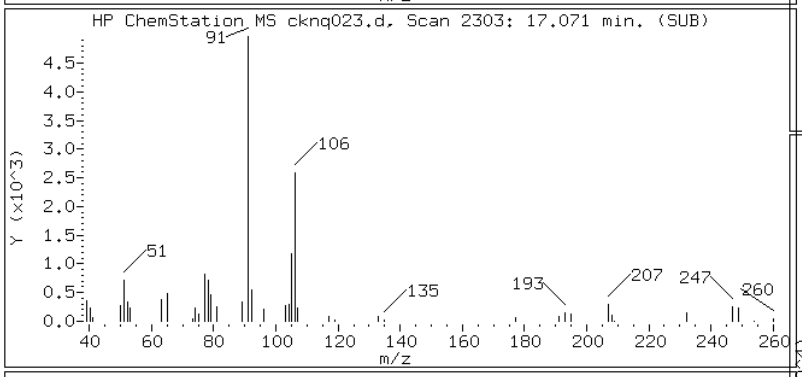
Client ID: 785IA06 Instrument: C.i

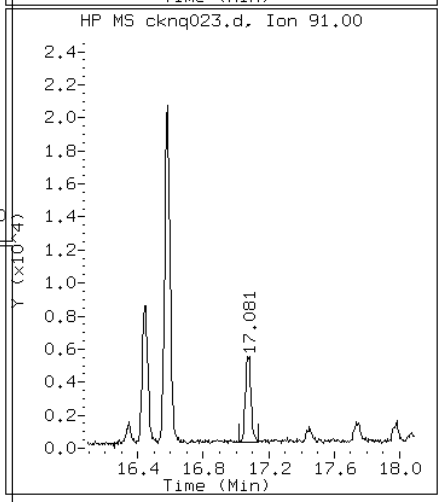
Sample Info: 280-25294-A-2 Operator: wrd

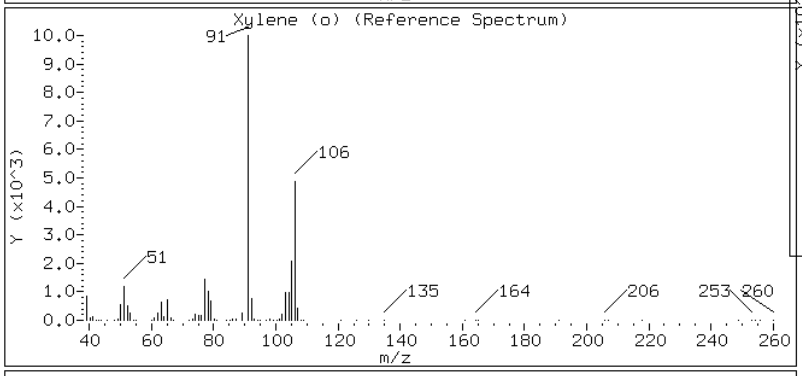
71 Xylene (o)

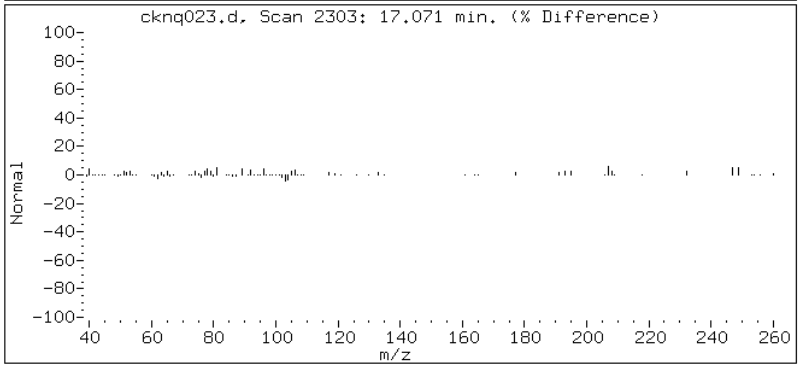












Manual Integration Report

Data File: cknq023.d
Lab Sample ID: 280-25294-2
Inj. Date and Time: 07-FEB-2012 03:36
Instrument ID: C.i
Client ID: 785IA06
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 02/08/2012

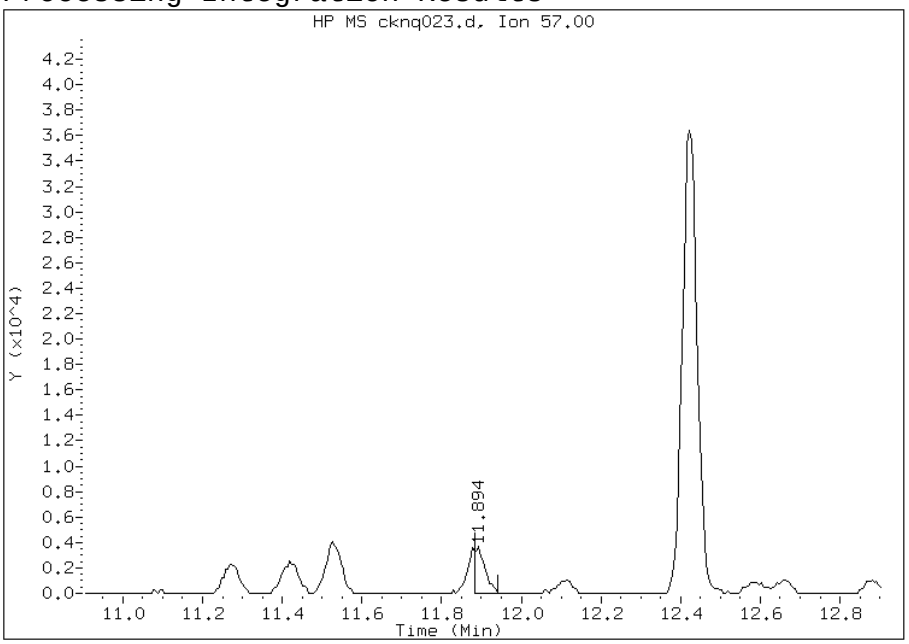
Processing Integration Results

RT: 11.89

Response: 6783

Amount: 0.055023

Conc: 0.055023



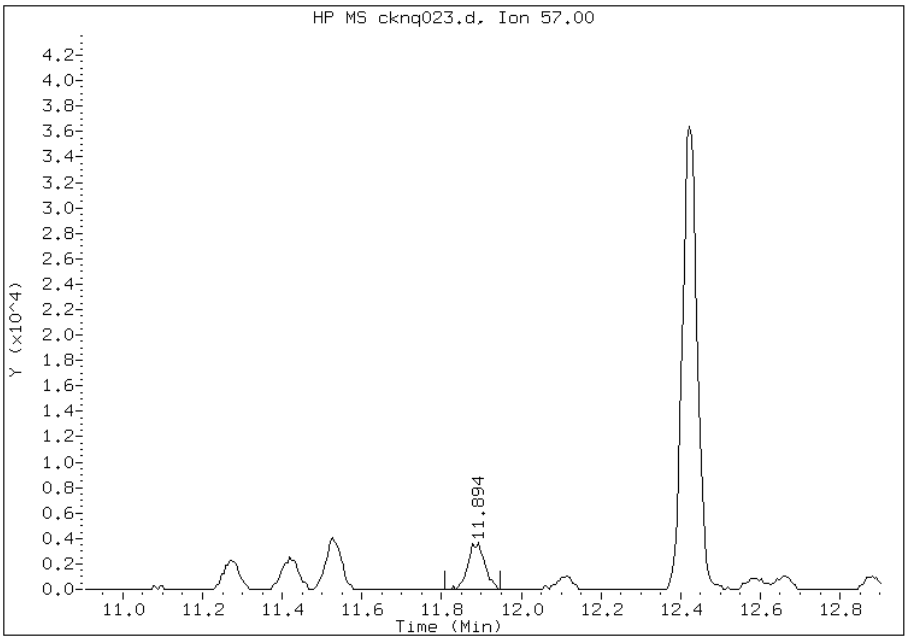
Manual Integration Results

RT: 11.89

Response: 10707

Amount: 0.086853

Conc: 0.086853



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.: 280-25294-1

SDG No.:

Client Sample ID: 785786OA03 Lab Sample ID: 280-25294-3

Matrix: Air Lab File ID: cknq024.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 04:26

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.56		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.59		0.50	0.013
106-97-8	n-Butane	58.12	0.80		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.077	J M	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	8.1		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.55	J M	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.15	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.63		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.31	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.18	J	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.083	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.072	J	0.20	0.036
71-43-2	Benzene	78.11	0.17	J	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.13	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785786OA03 Lab Sample ID: 280-25294-3

Matrix: Air Lab File ID: cknq024.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 04:26

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.15	J	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.070	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.070	J	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785786OA03 Lab Sample ID: 280-25294-3

Matrix: Air Lab File ID: cknq024.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 04:26

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785786OA03 Lab Sample ID: 280-25294-3

Matrix: Air Lab File ID: cknq024.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 04:26

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	1.2		1.0	0.027
106-97-8	n-Butane	58.12	1.9		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.59	J M	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	19		12	0.11
67-63-0	Isopropyl alcohol	60.10	1.3	J M	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.53	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	2.2		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.92	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.63	J	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.52	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.34	J	0.93	0.17
71-43-2	Benzene	78.11	0.56	J	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.55	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785786OA03 Lab Sample ID: 280-25294-3

Matrix: Air Lab File ID: cknq024.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 04:26

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.57	J	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.30	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.30	J	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785786OA03 Lab Sample ID: 280-25294-3

Matrix: Air Lab File ID: cknq024.d

Analysis Method: TO-15 Date Collected: 01/27/2012 12:40

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 04:26

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25294-3
Client Smp ID: 785786OA03
Inj Date : 07-FEB-2012 04:26
Operator : wrd Inst ID: C.i
Smp Info : 280-25294-A-3
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.052	5.057	(0.455)	34033	0.56474	0.56
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.516	5.516	(0.497)	10711	0.58644	0.59
6 Butane	43	5.724	5.730	(0.516)	29216	0.80311	0.80(Q)
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	7.139	7.149	(0.643)	15057	0.24666	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	3277	0.07701	0.077(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.211	8.211	(0.739)	246071	8.07752	8.1
21 Carbon disulfide	76	Compound Not Detected.					

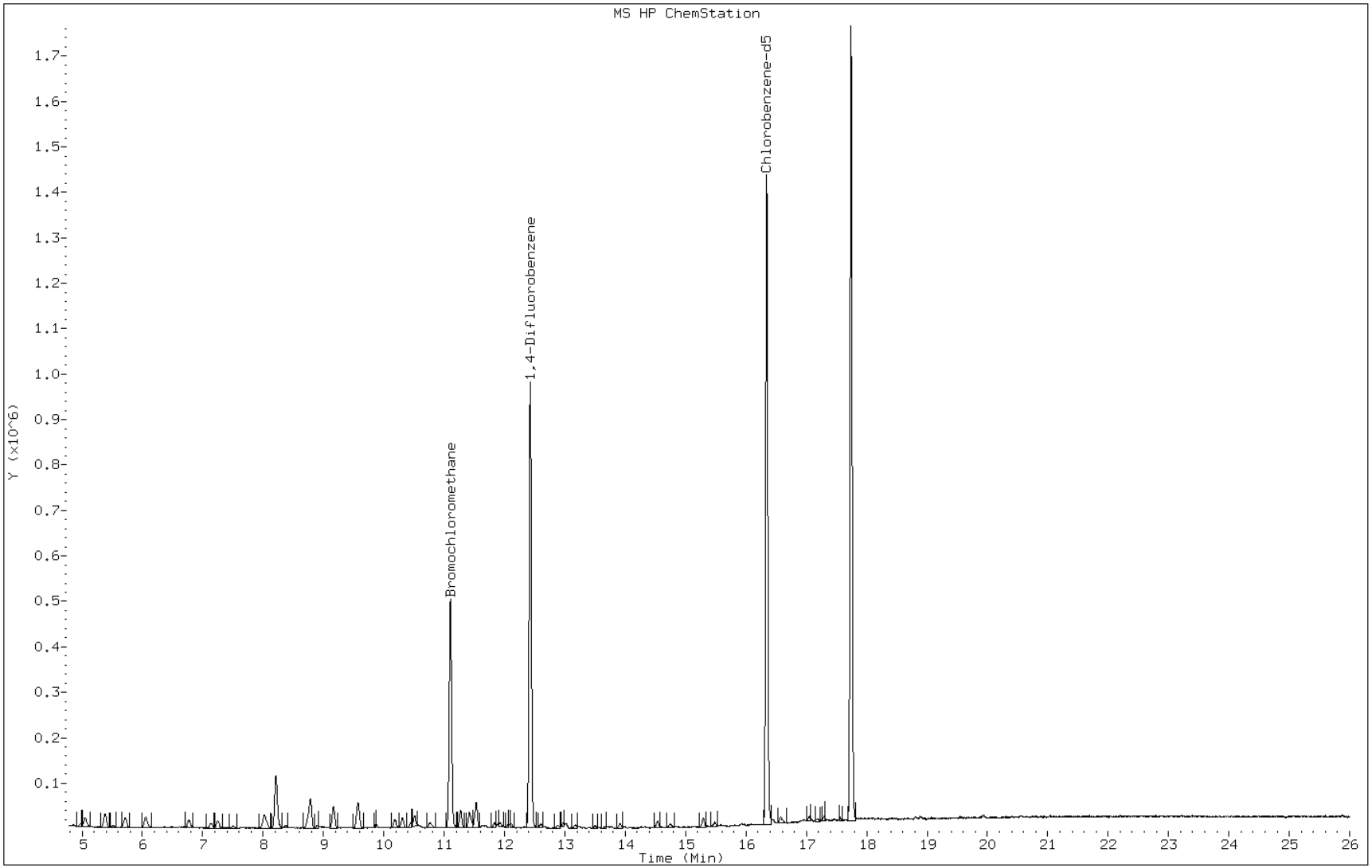
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.377	8.350	(0.754)	11400	0.54530	0.55(aM)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.895	8.910	(0.801)	3487	0.15230	0.15(aQ)
	26 Tert-butyl alcohol	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	9.562	9.572	(0.861)	23600	0.63483	0.63
	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	10.762	10.762	(0.969)	3480	0.31171	0.31(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	186796	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.456	11.477	(0.922)	6474	0.18163	0.18(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	11.627	11.648	(0.936)	4677	0.08271	0.083(a)
	43 2,2,4-Trimethylpentane	57	11.889	11.904	(0.957)	8740	0.07204	0.072(a)
	44 Benzene	78	11.942	11.958	(0.961)	13437	0.17378	0.17(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.113	12.129	(0.975)	6030	0.13404	0.13(a)
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1084915	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	14.536	14.557	(0.889)	8951	0.15105	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	16.345	16.366	(1.000)	1067300	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	16.585	16.601	(1.015)	3591	0.06964	0.070(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)	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:	cknq024.d	Date:	07-FEB-2012 04:26
Client ID:	785786OA03	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25294-A-3		
Lab Sample ID:	280-25294-3		



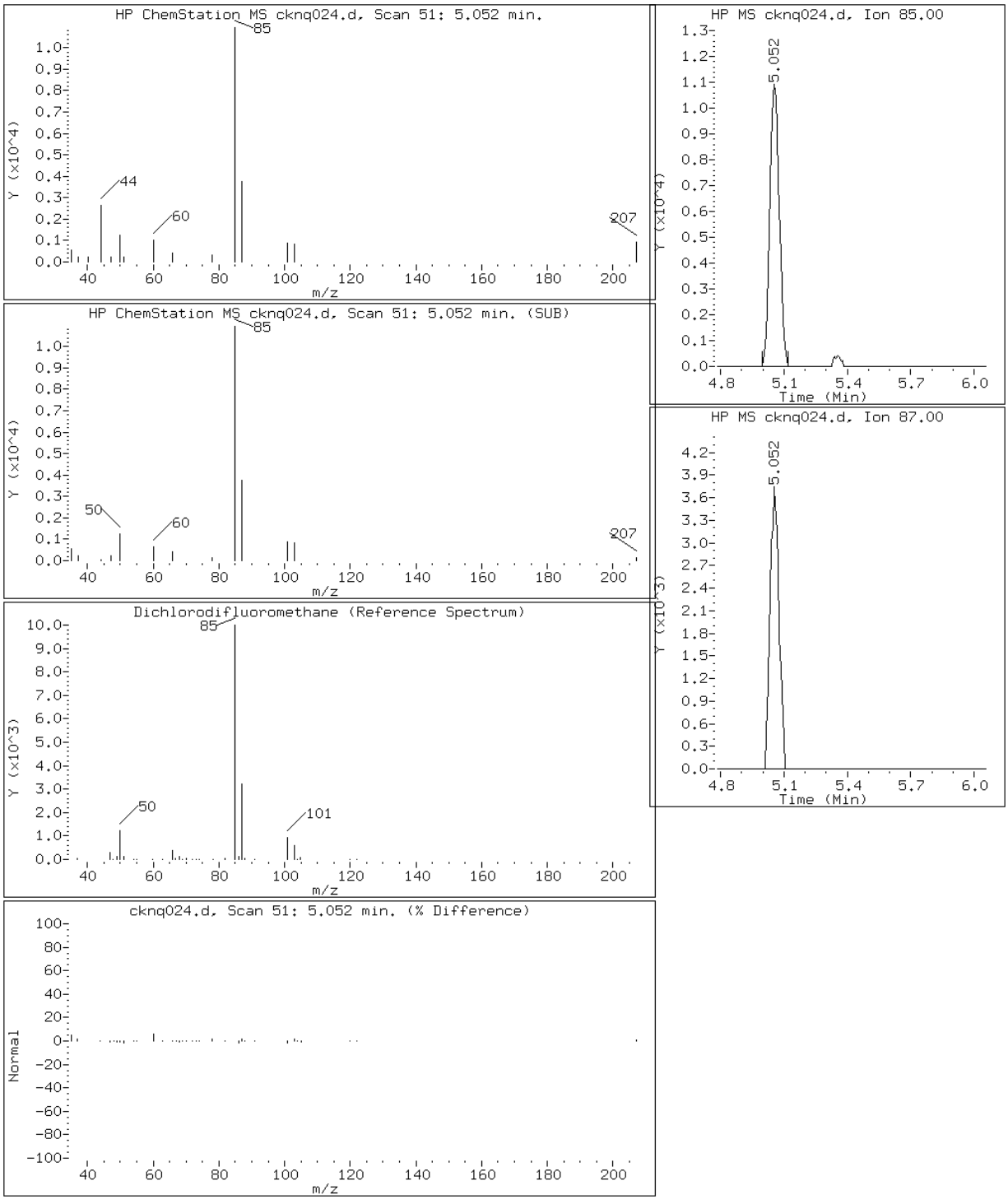
Data File: cknq024.d

Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

2 Dichlorodifluoromethane



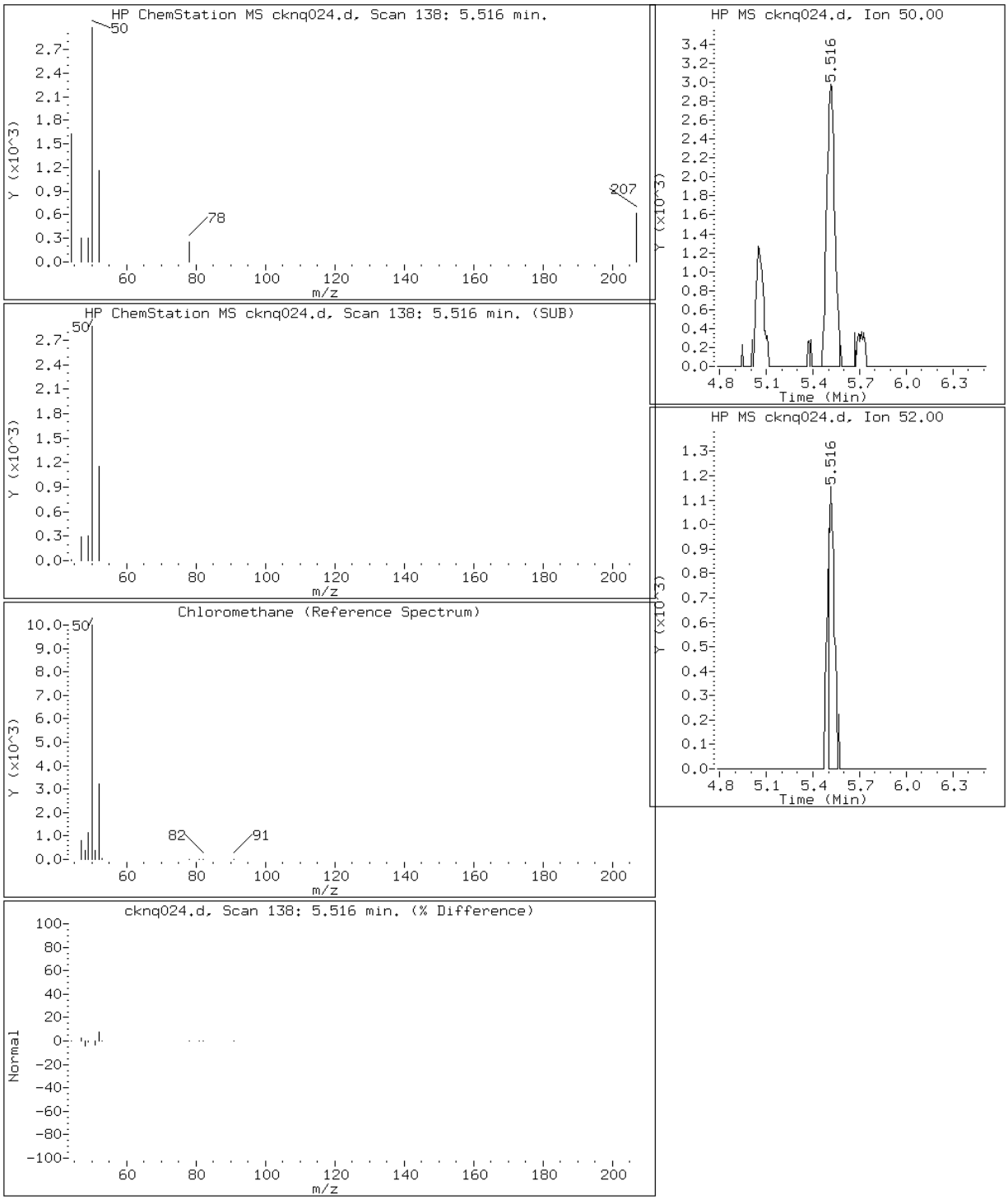
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

5 Chloromethane



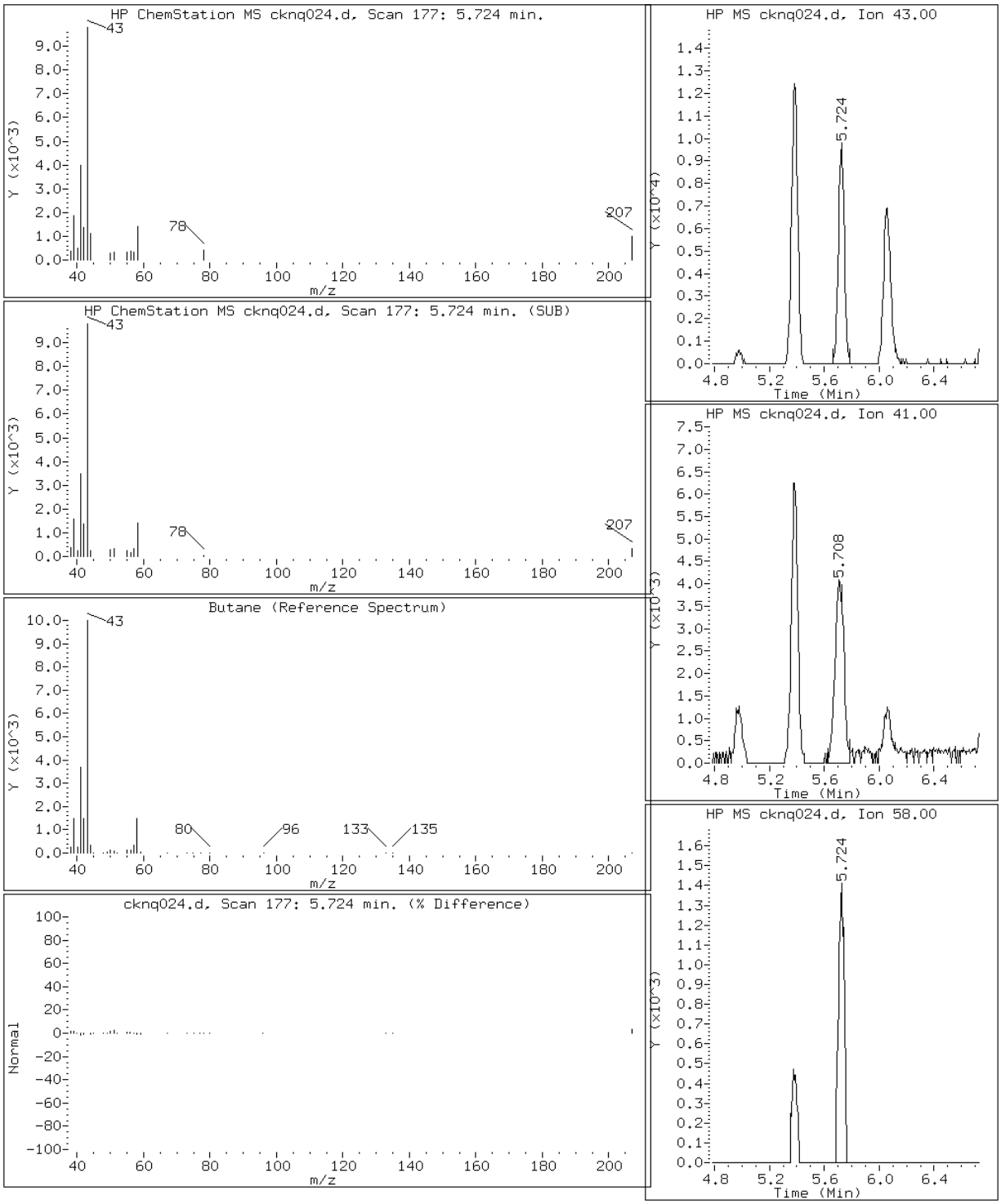
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

6 Butane



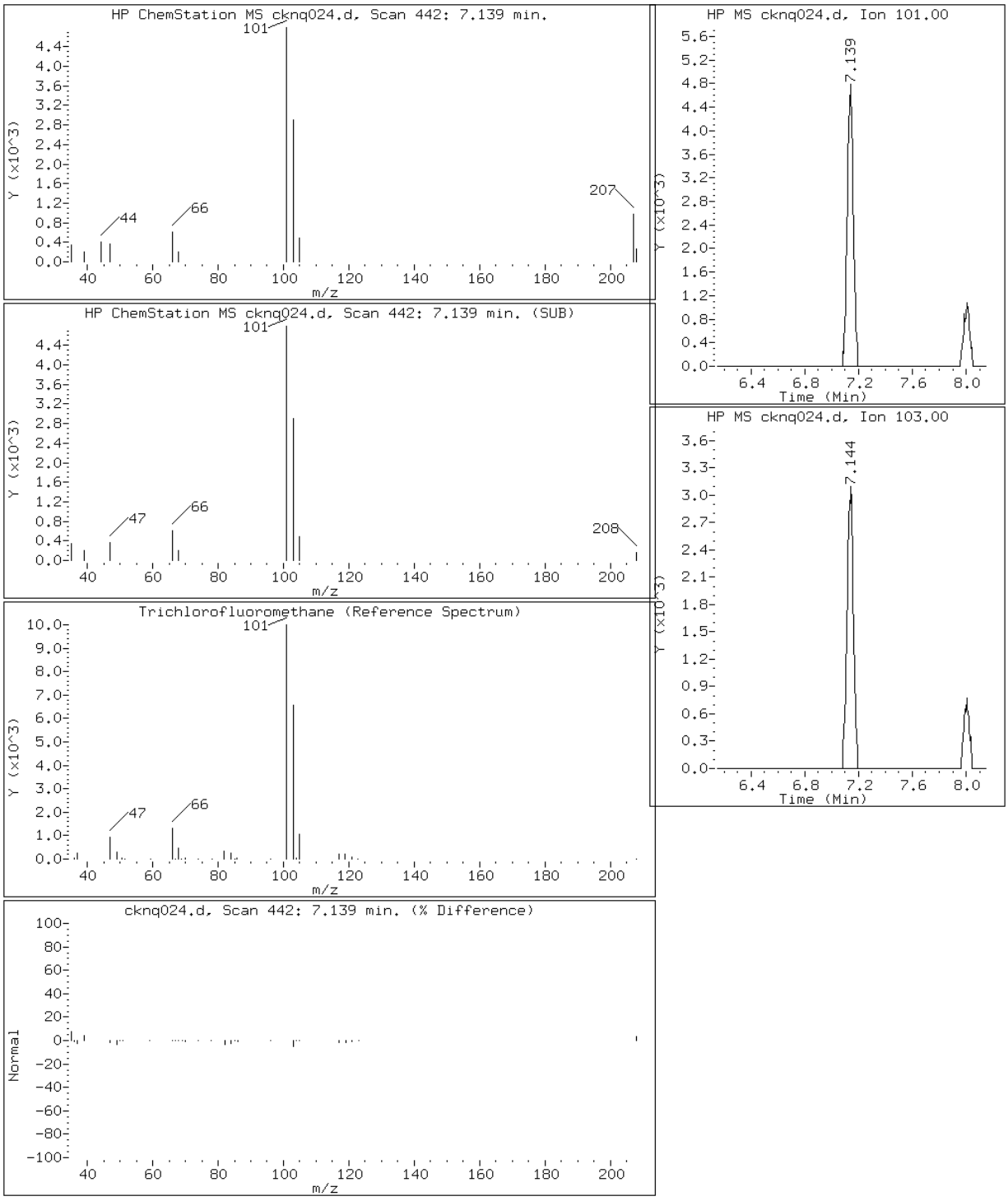
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

13 Trichlorofluoromethane



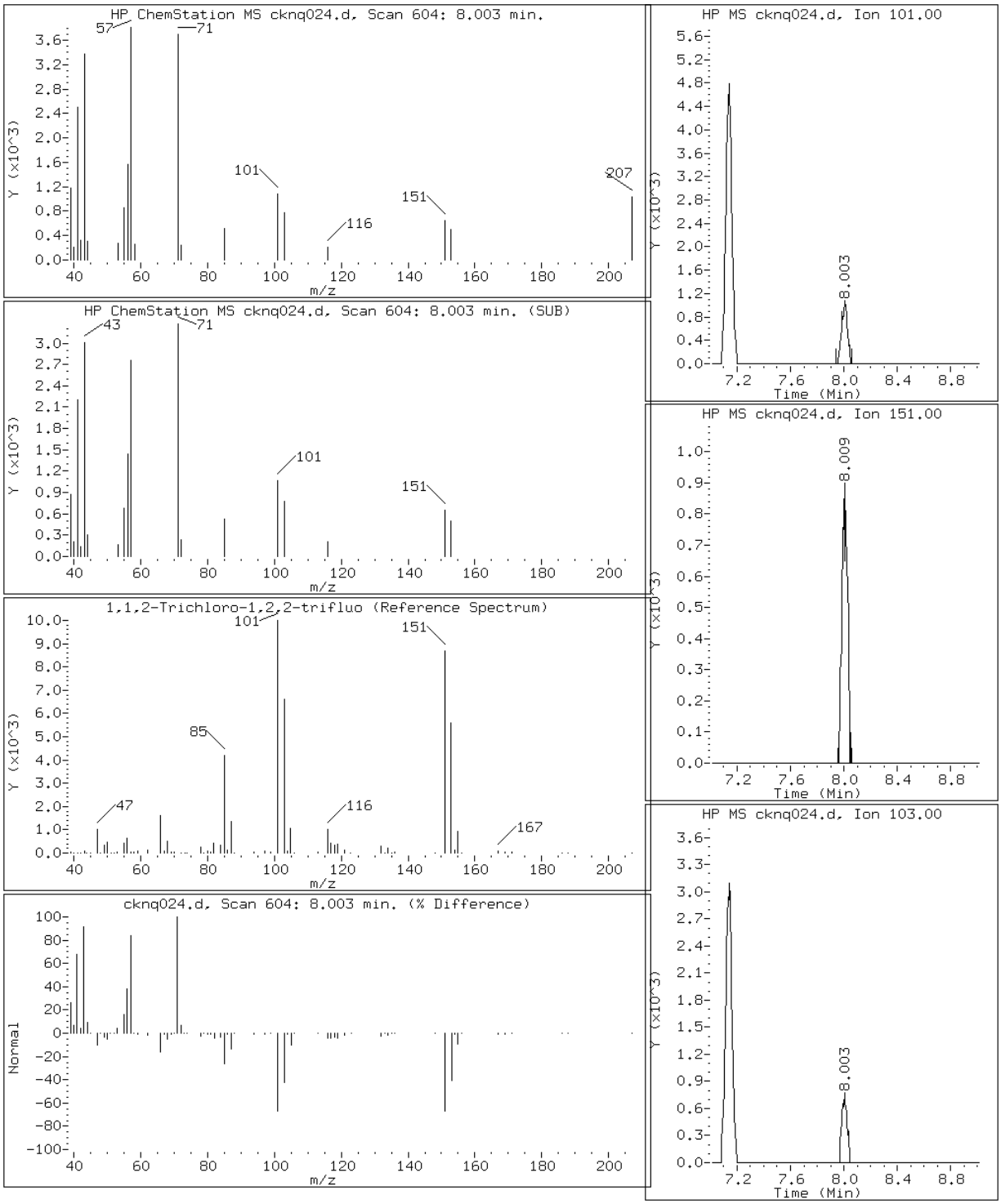
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

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



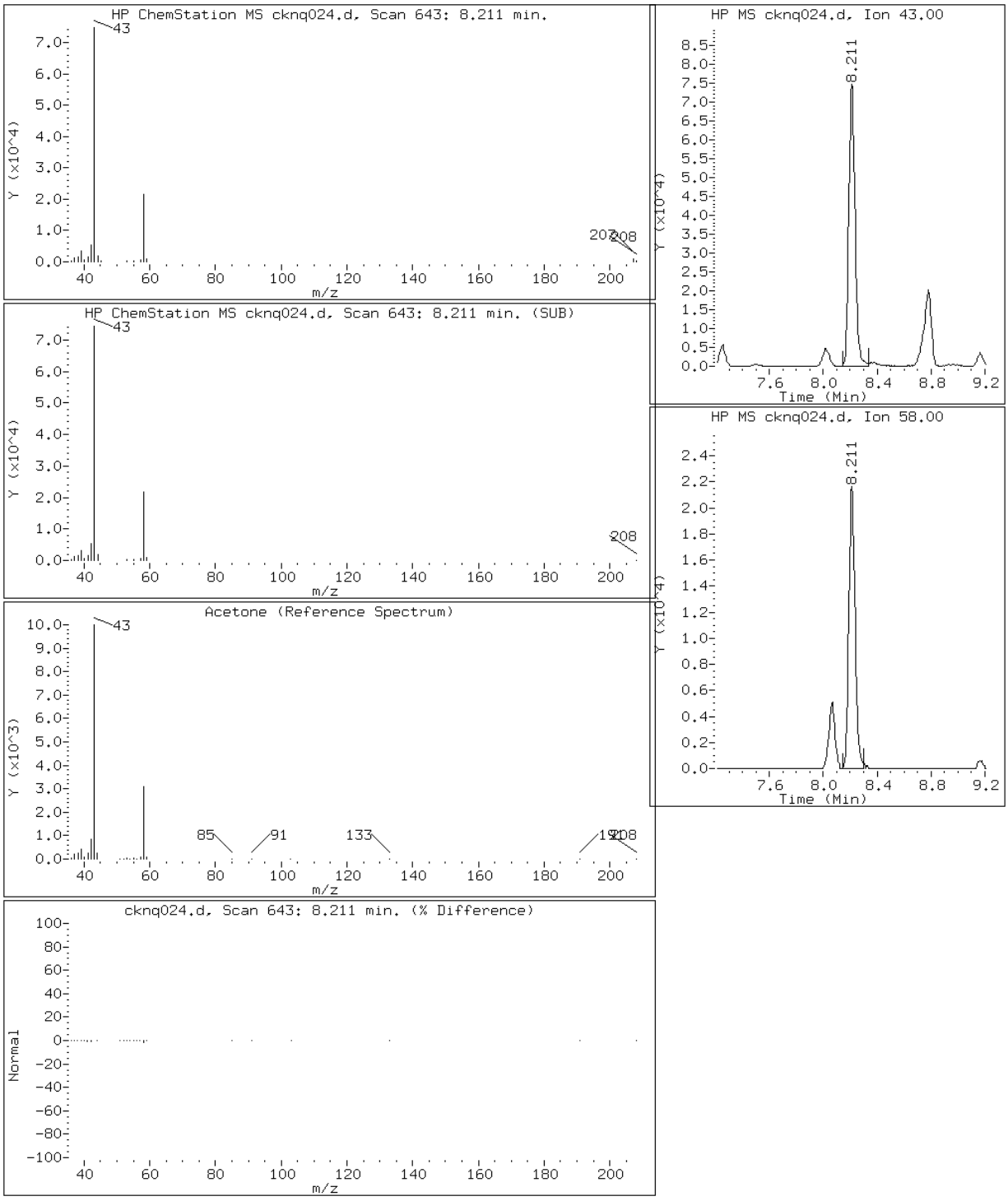
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

20 Acetone



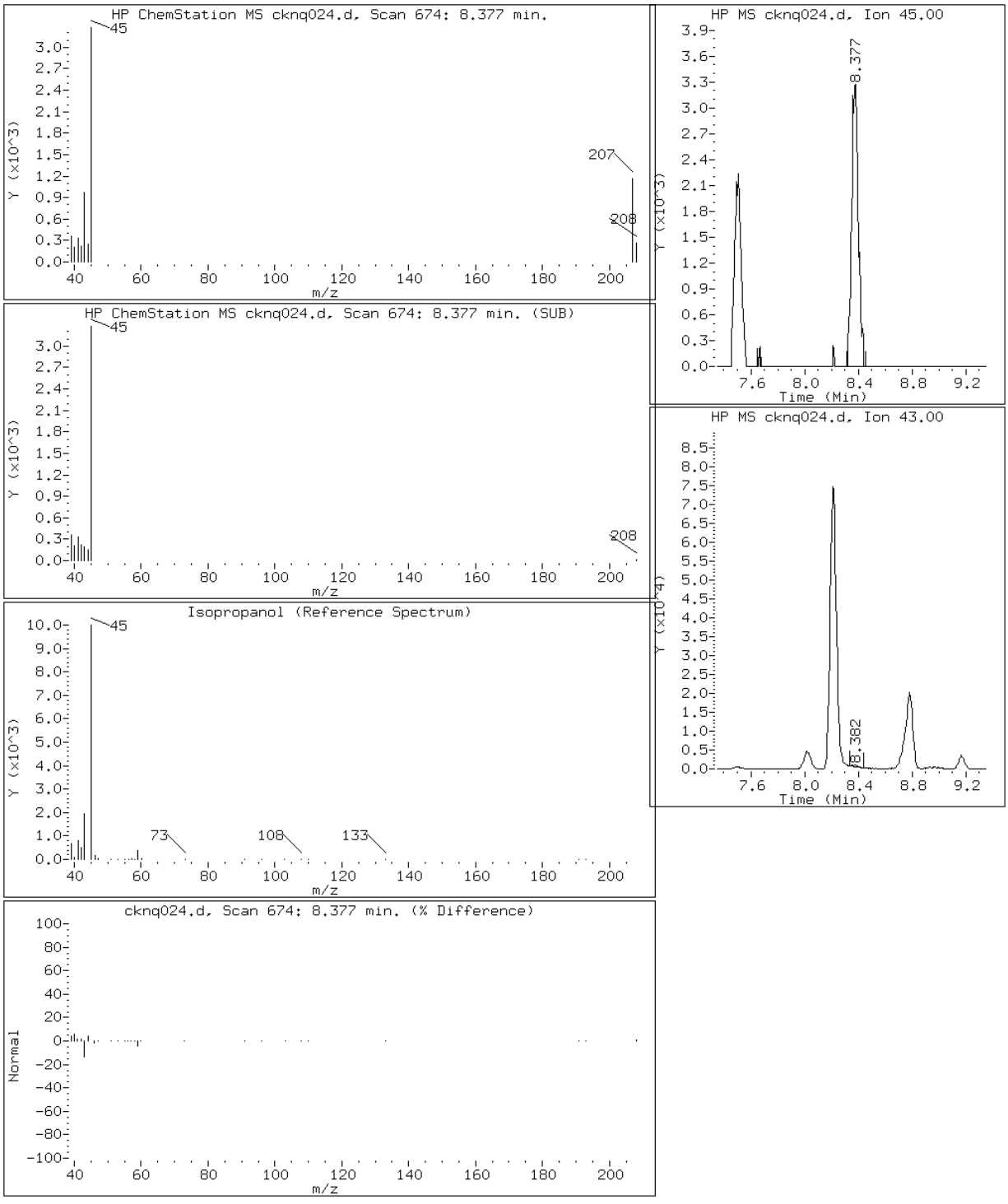
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

22 Isopropanol



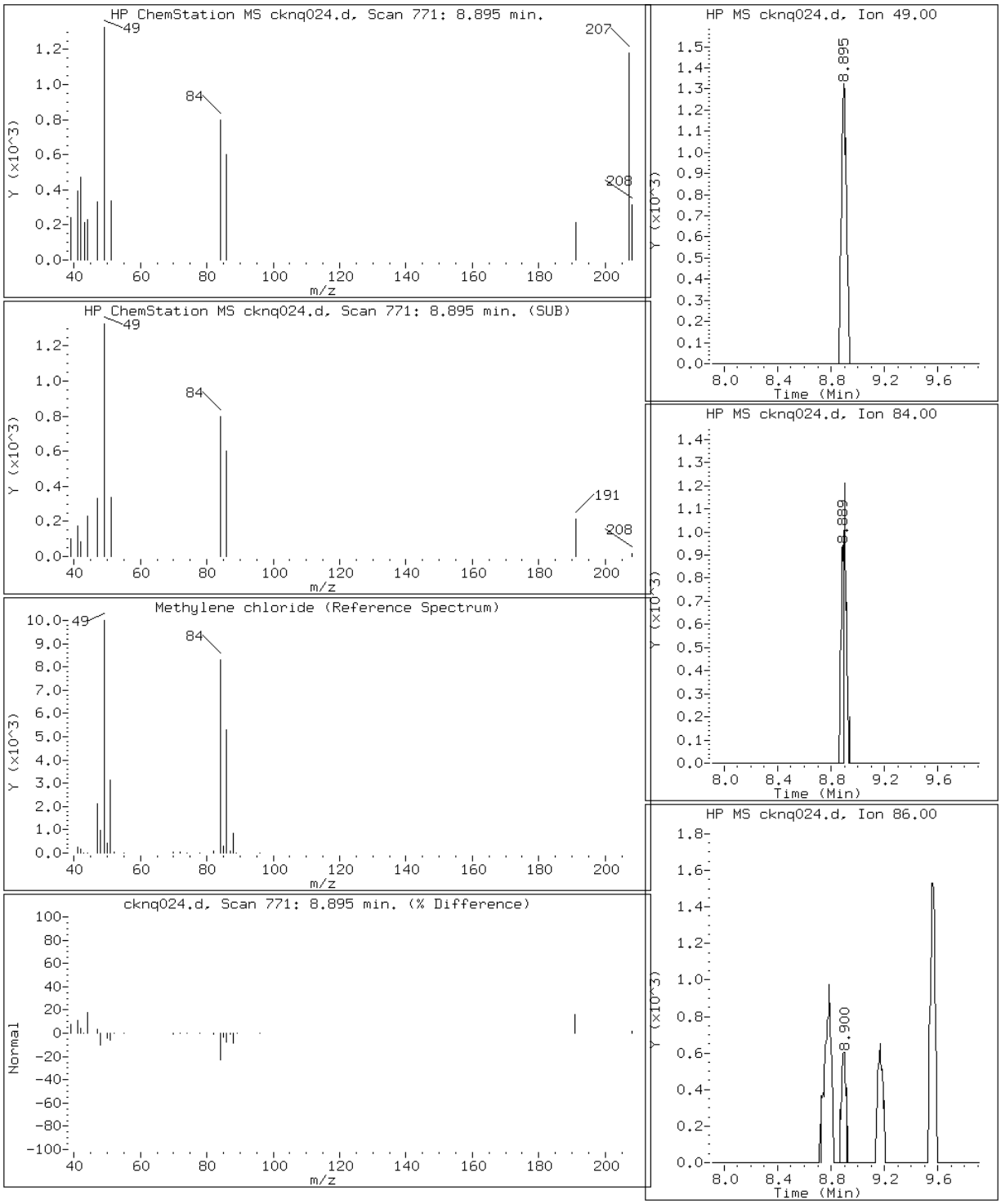
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

25 Methylene chloride



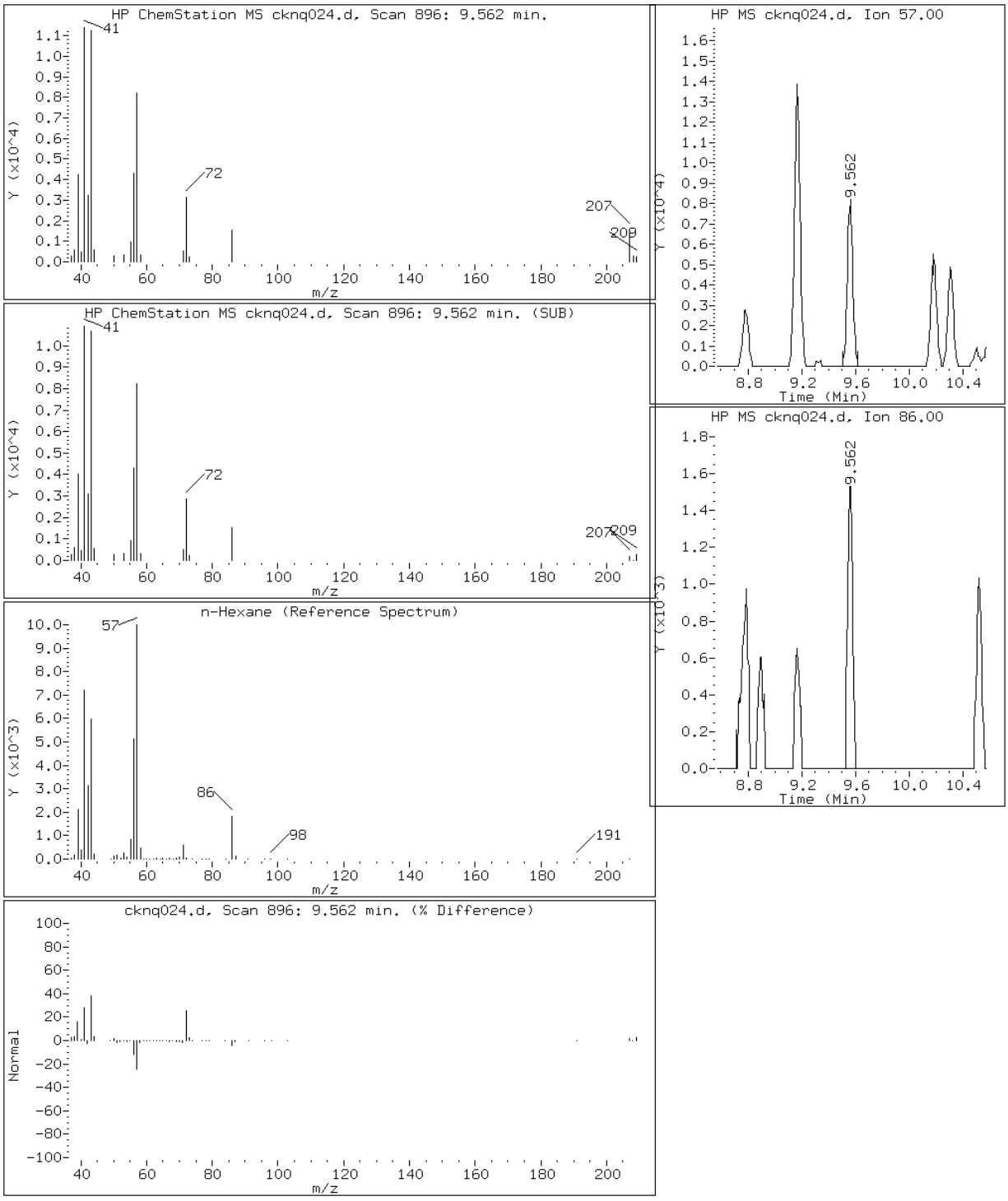
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

30 n-Hexane



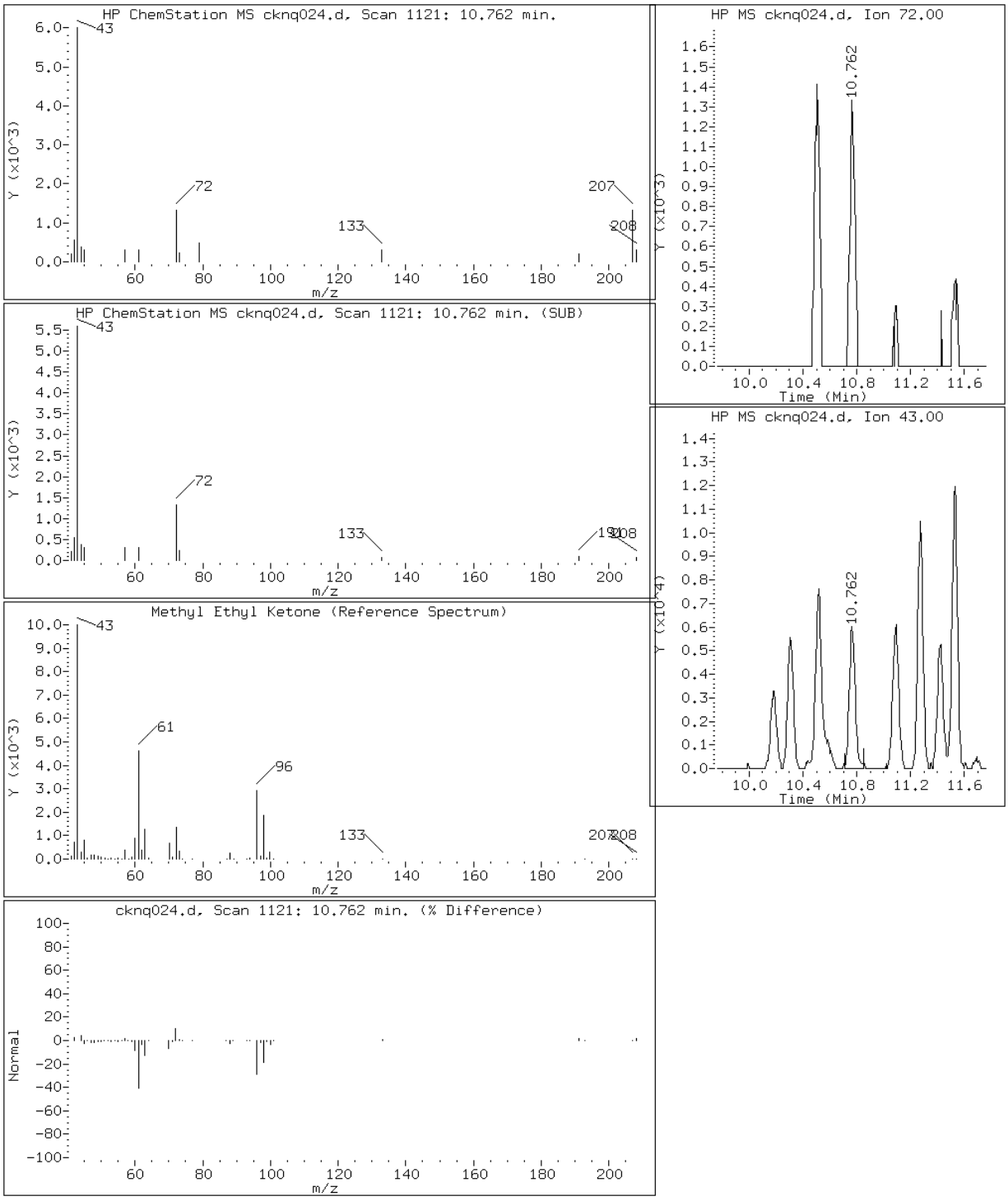
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

36 Methyl Ethyl Ketone



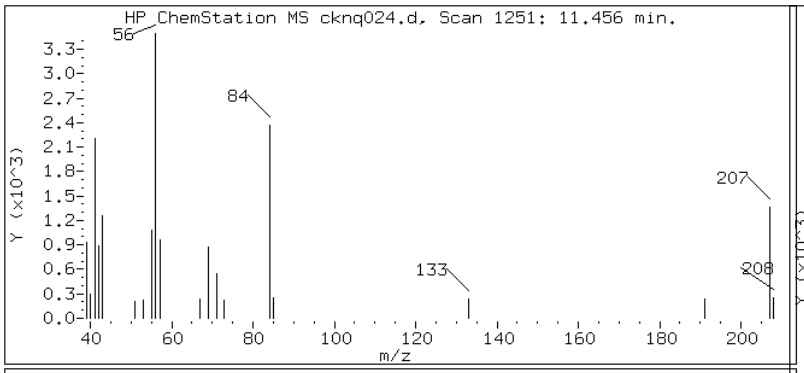
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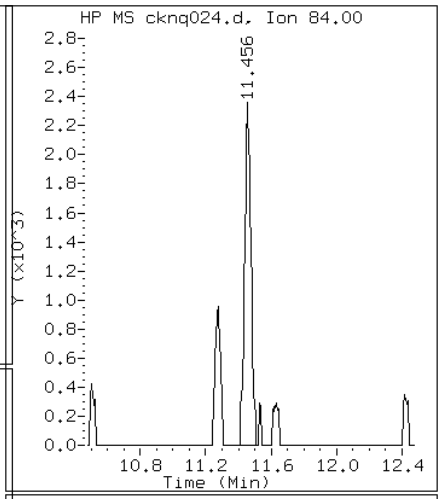
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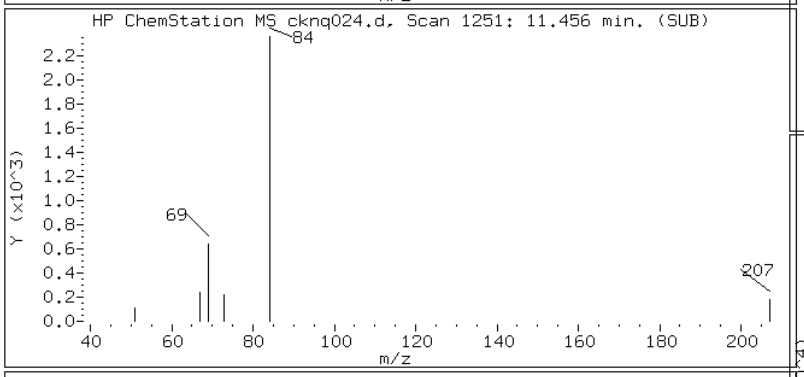
Client ID: 785786OA03 Instrument: C.i

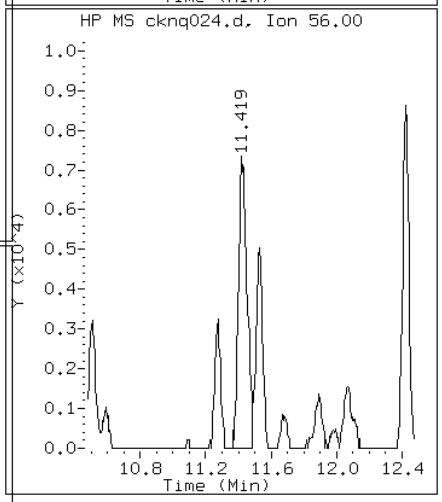
Sample Info: 280-25294-A-3 Operator: wrd

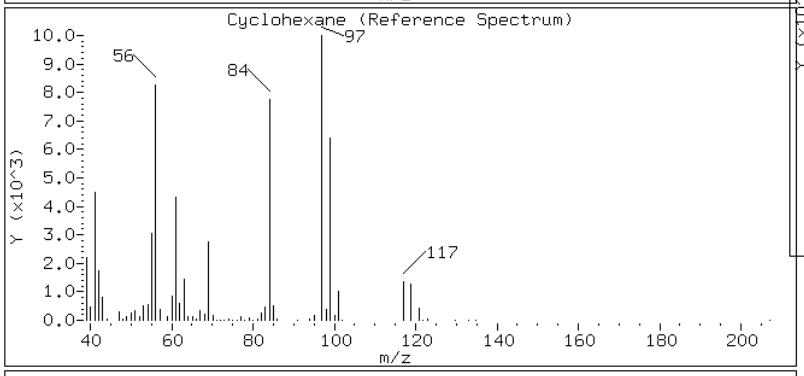
40 Cyclohexane

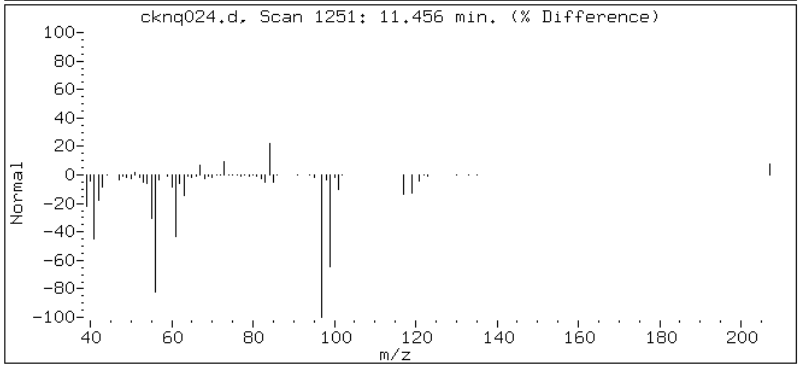












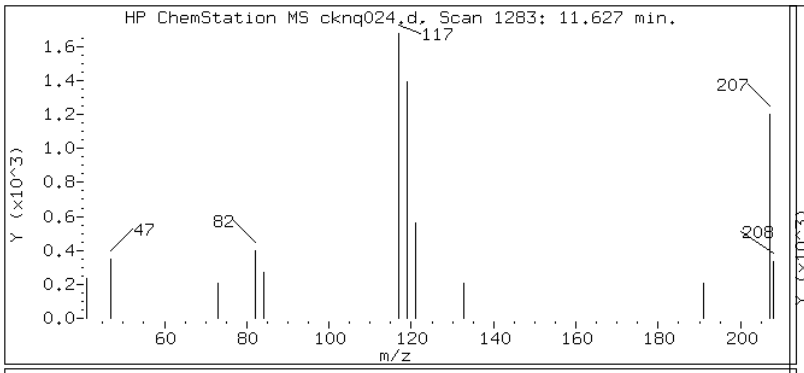
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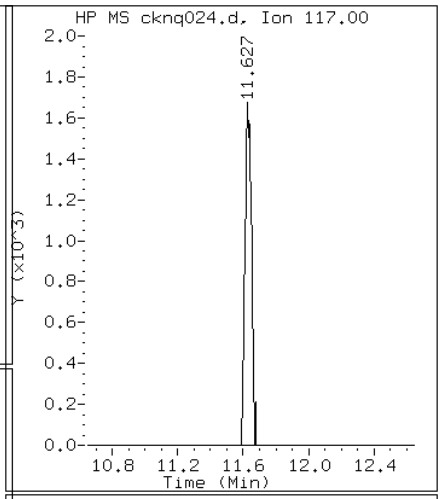
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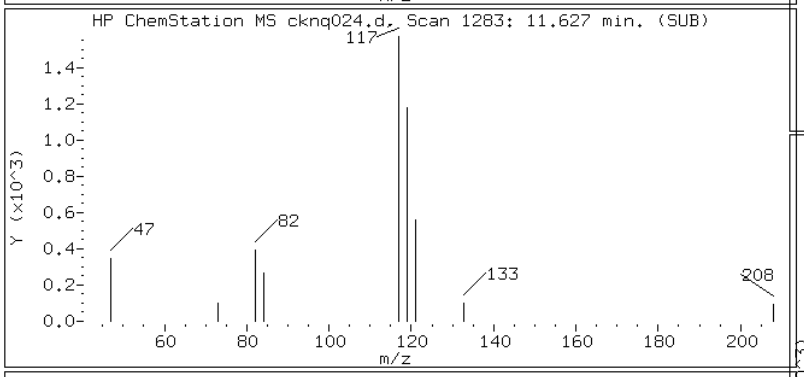
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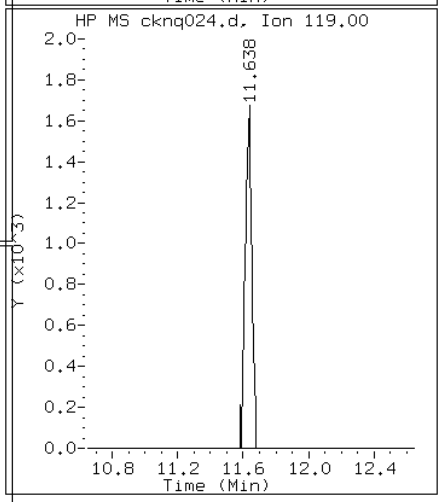
Sample Info: 280-25294-A-3 Operator: wrd

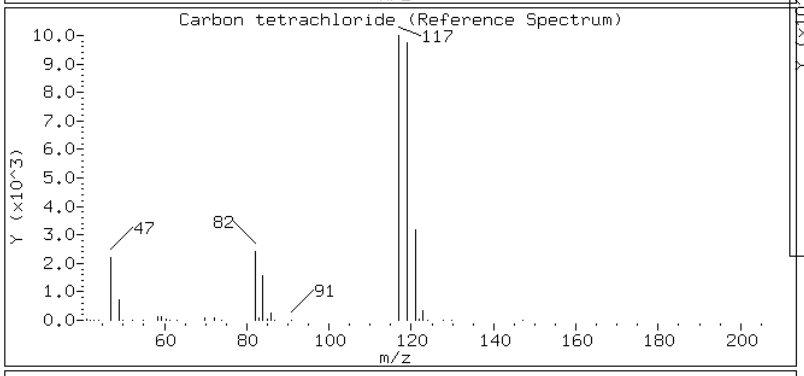
42 Carbon tetrachloride

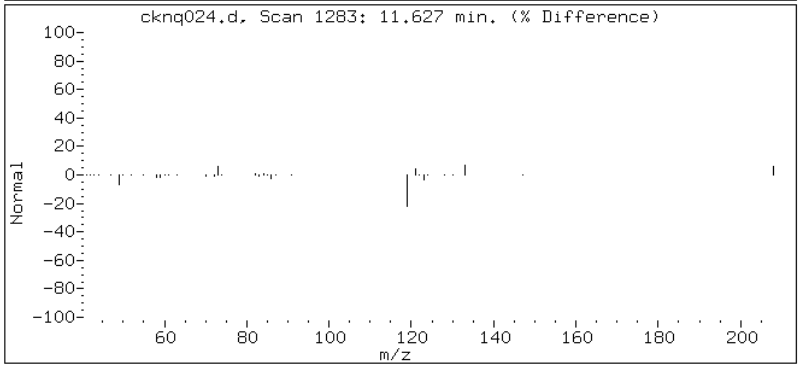












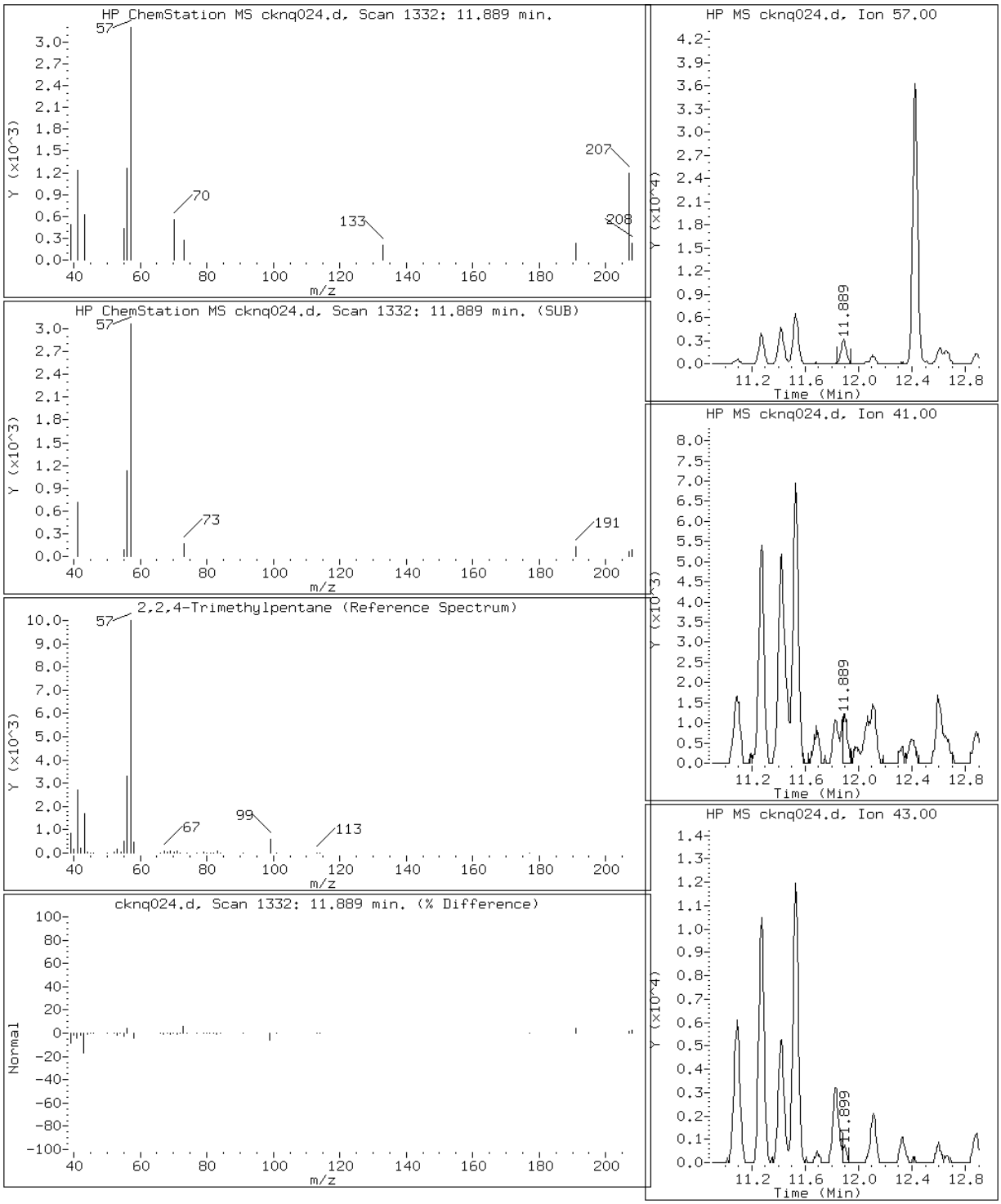
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

43 2,2,4-Trimethylpentane



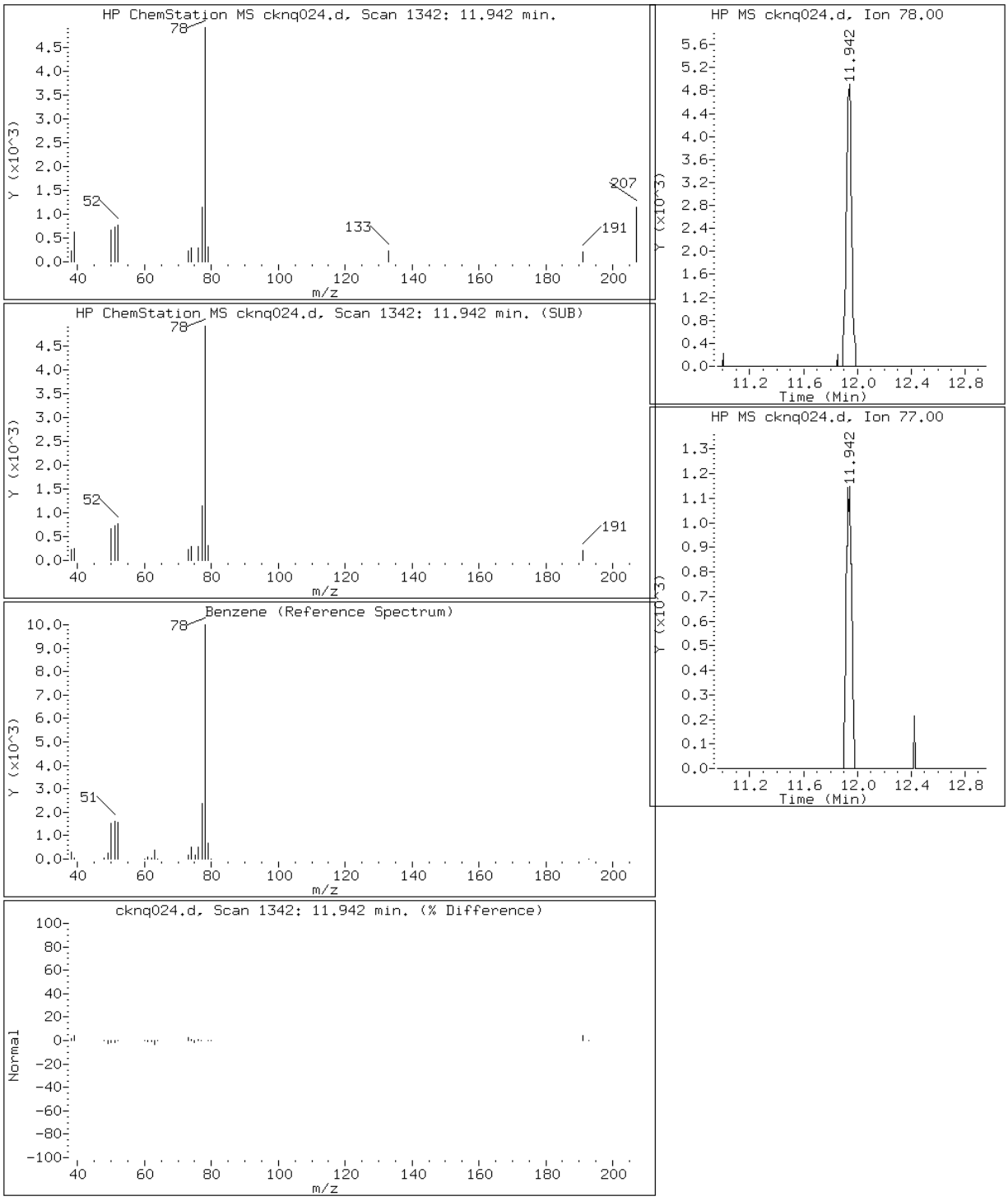
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

44 Benzene



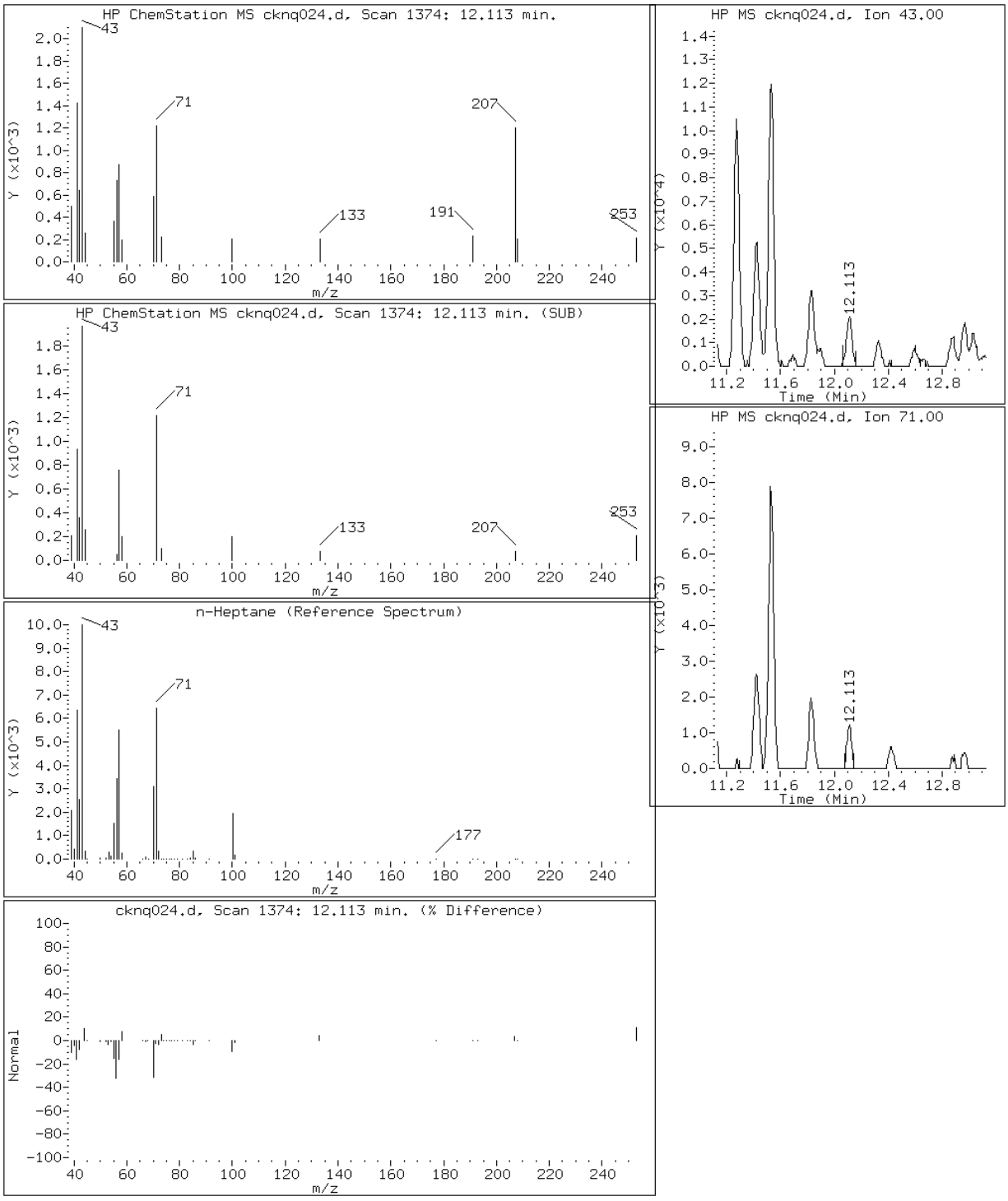
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

46 n-Heptane



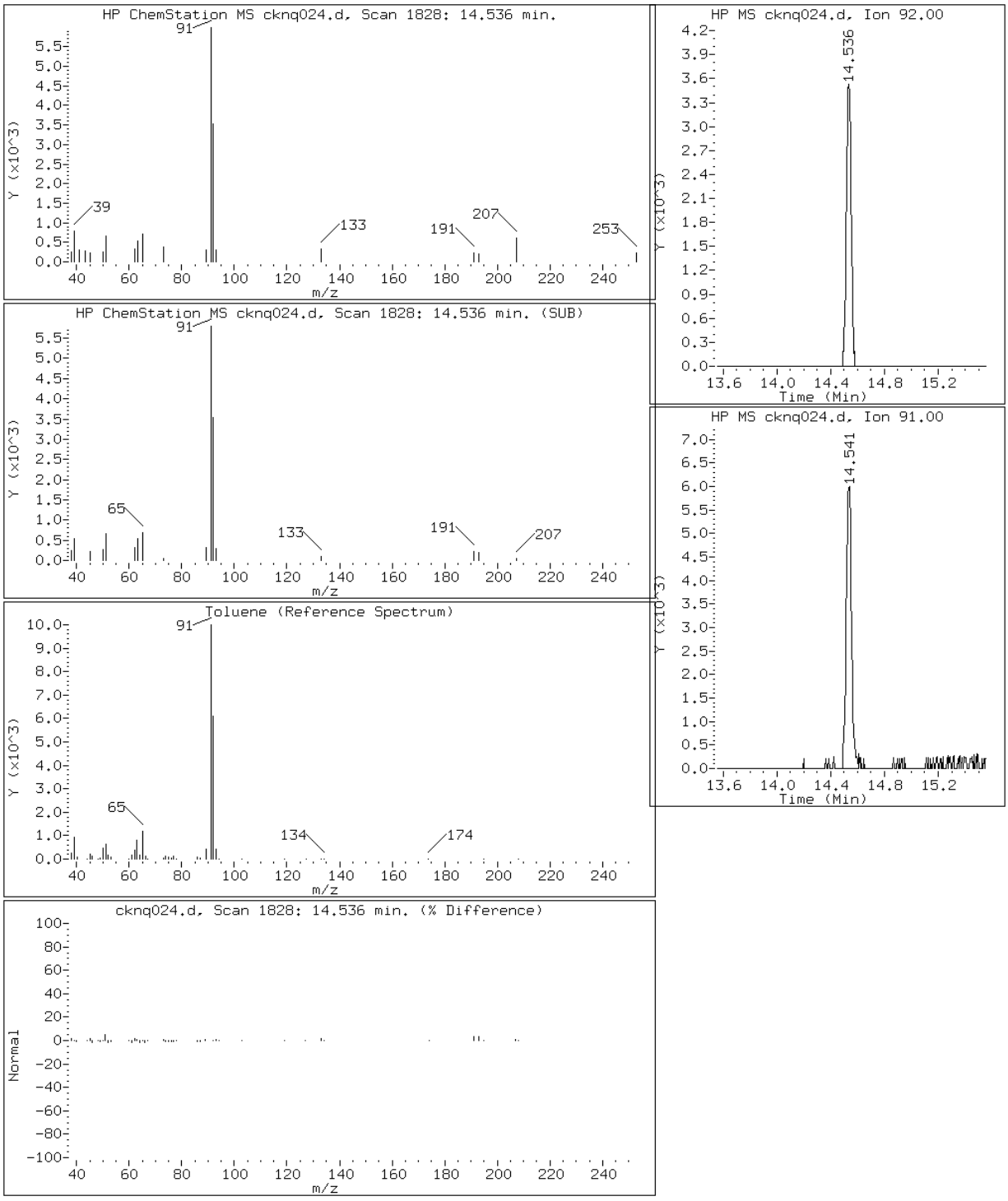
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

58 Toluene



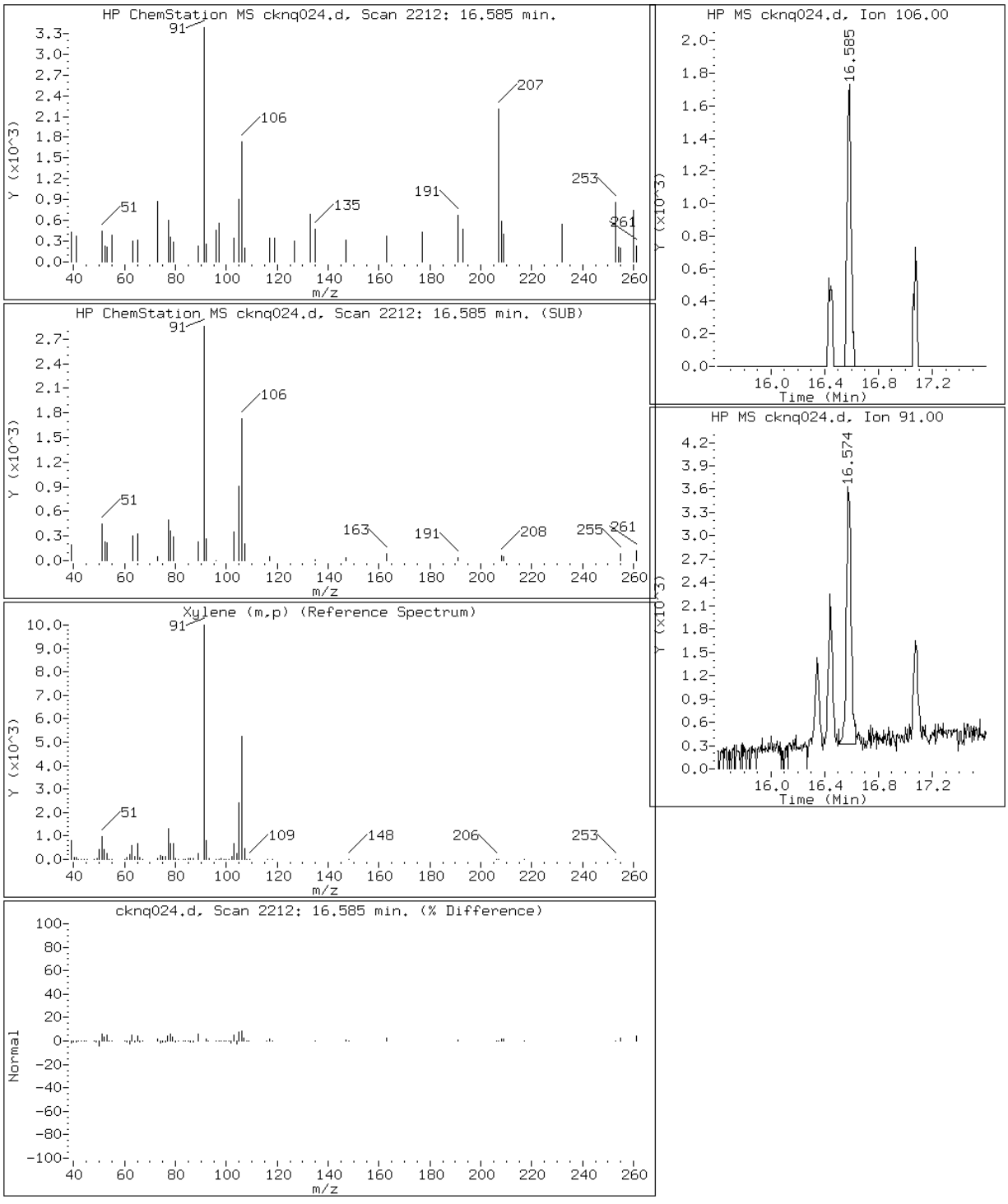
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Lab Sample ID: 280-25294-3 Date: 07-FEB-2012 04:26

Client ID: 785786OA03 Instrument: C.i

Sample Info: 280-25294-A-3 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: cknq024.d
Lab Sample ID: 280-25294-3
Inj. Date and Time: 07-FEB-2012 04:26
Instrument ID: C.i
Client ID: 785786OA03
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 02/08/2012

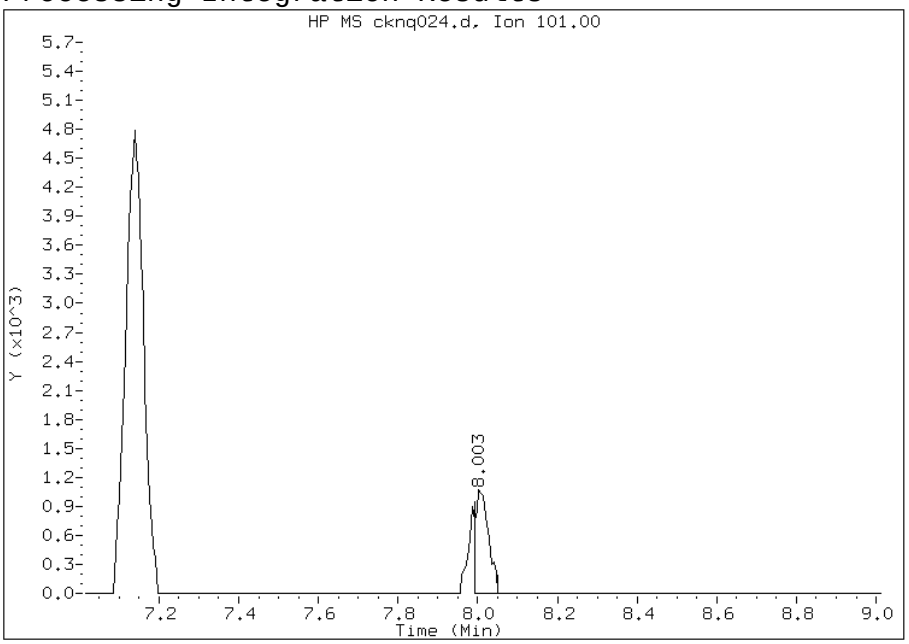
Processing Integration Results

RT: 8.00

Response: 2422

Amount: 0.056935

Conc: 0.056935



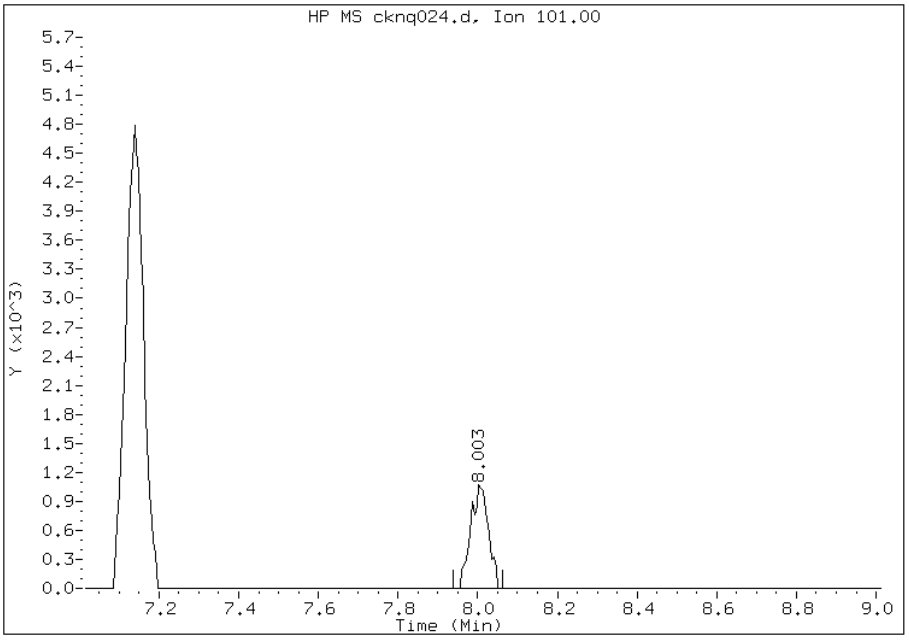
Manual Integration Results

RT: 8.00

Response: 3277

Amount: 0.077008

Conc: 0.077008



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknq024.d
Lab Sample ID: 280-25294-3
Inj. Date and Time: 07-FEB-2012 04:26
Instrument ID: C.i
Client ID: 785786OA03
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 02/08/2012

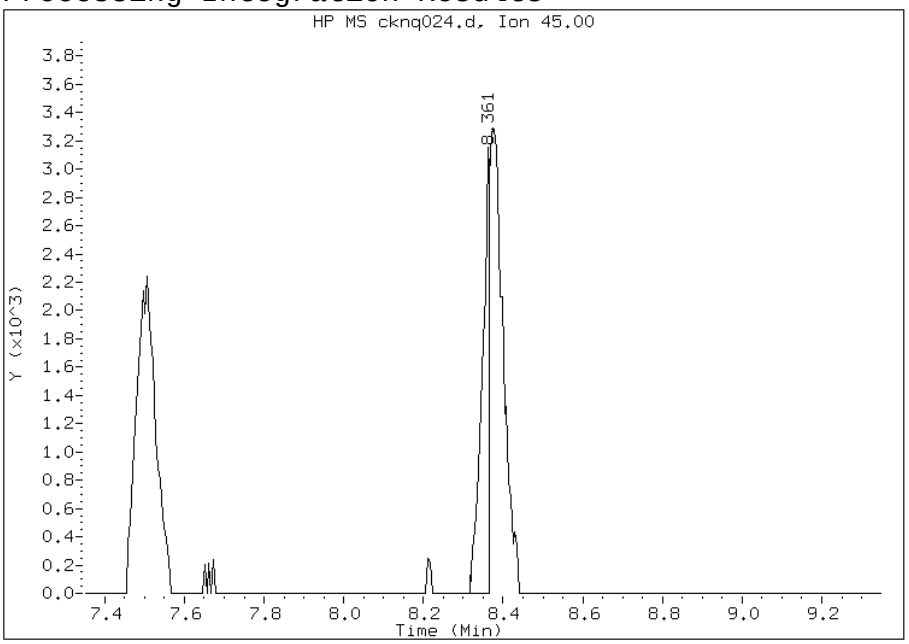
Processing Integration Results

RT: 8.36

Response: 4371

Amount: 0.209081

Conc: 0.209081



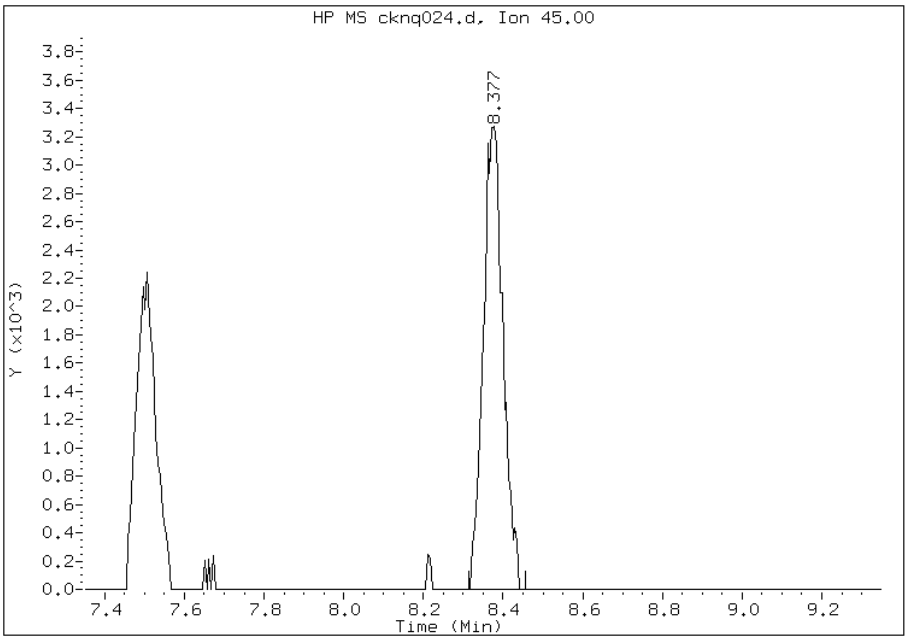
Manual Integration Results

RT: 8.38

Response: 11400

Amount: 0.545303

Conc: 0.545303



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.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0202AG Lab Sample ID: 280-25294-4

Matrix: Air Lab File ID: cknq025.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:06

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 05:16

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.58		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	1.7		0.50	0.013
106-97-8	n-Butane	58.12	0.27	J	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.075	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.32	J M	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	1.6	J	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.10	J	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.078	J M	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0202AG Lab Sample ID: 280-25294-4

Matrix: Air Lab File ID: cknq025.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:06

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 05:16

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.19	J	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.096	J	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.048	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.048	J	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0202AG Lab Sample ID: 280-25294-4

Matrix: Air Lab File ID: cknq025.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:06

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 05:16

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0202AG Lab Sample ID: 280-25294-4

Matrix: Air Lab File ID: cknq025.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:06

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 05:16

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.9		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	3.5		1.0	0.027
106-97-8	n-Butane	58.12	0.64	J	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.58	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	0.76	J M	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	4.6	J	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.57	J	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.49	J M	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0202AG Lab Sample ID: 280-25294-4

Matrix: Air Lab File ID: cknq025.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:06

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 05:16

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	1.0	J	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.36	J	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.21	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.21	J	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0202AG Lab Sample ID: 280-25294-4

Matrix: Air Lab File ID: cknq025.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:06

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 05:16

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25294-4
Client Smp ID: 785VMP0202AG
Inj Date : 07-FEB-2012 05:16
Operator : wrd Inst ID: C.i
Smp Info : 280-25294-A-4
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.057	5.057	(0.455)	34406	0.57847	0.58
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	5.516	5.516	(0.497)	30837	1.71066	1.7
6 Butane	43	5.730	5.730	(0.516)	9732	0.27105	0.27(aQ)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	7.139	7.149	(0.643)	14933	0.24786	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	8.009	8.014	(0.721)	3168	0.07543	0.075(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.238	8.211	(0.742)	9636	0.32049	0.32(aM)
21 Carbon disulfide	76	Compound Not Detected.					

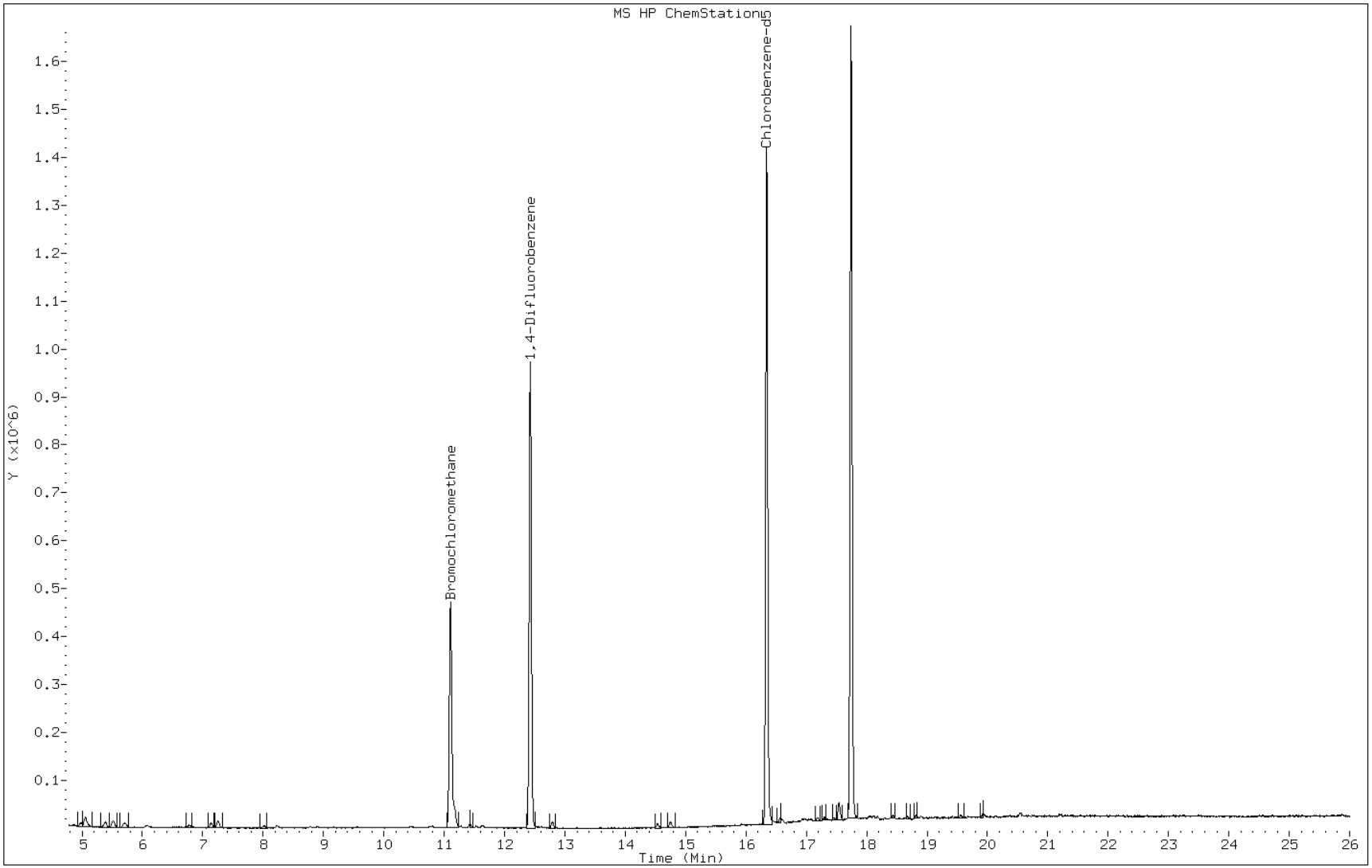
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	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	11.104	11.125	(1.000)	184361	10.0000	
	38 Tetrahydrofuran	42	11.173	11.152	(0.899)	37142	1.56218	1.6(a)
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	5728	0.10439	0.10(a)
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	4369	0.07817	0.078(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	12.428	12.443	(1.000)	1072333	10.0000	
	49 Trichloroethene	95	12.801	12.812	(1.030)	6607	0.19299	0.19(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	14.536	14.557	(0.889)	5585	0.09585	0.096(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	16.345	16.366	(1.000)	1049444	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	16.574	16.601	(1.014)	2453	0.04838	0.048(a)
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:	cknq025.d	Date:	07-FEB-2012 05:16
Client ID:	785VMP0202AG	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25294-A-4		
Lab Sample ID:	280-25294-4		



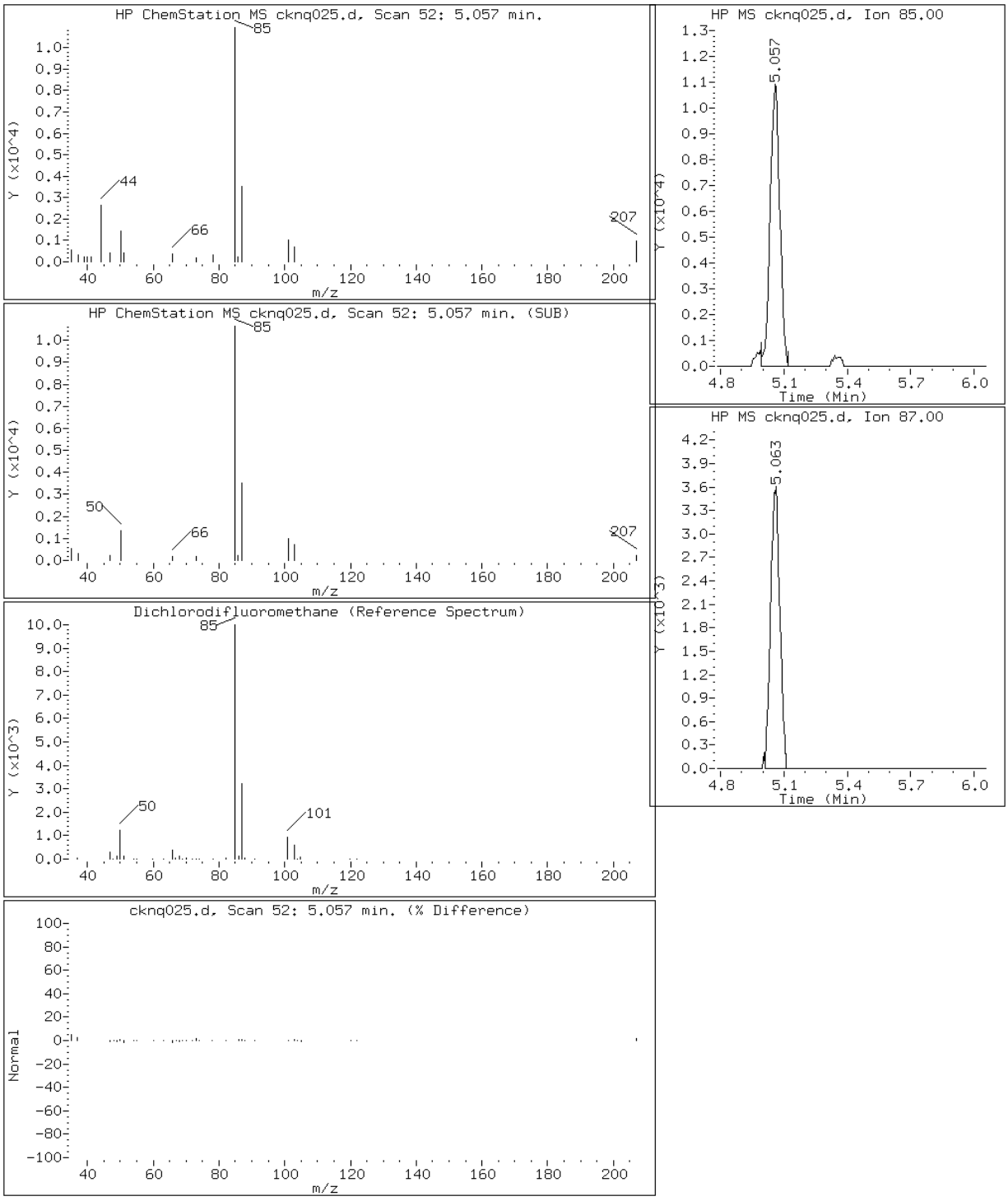
Data File: cknq025.d

Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

2 Dichlorodifluoromethane



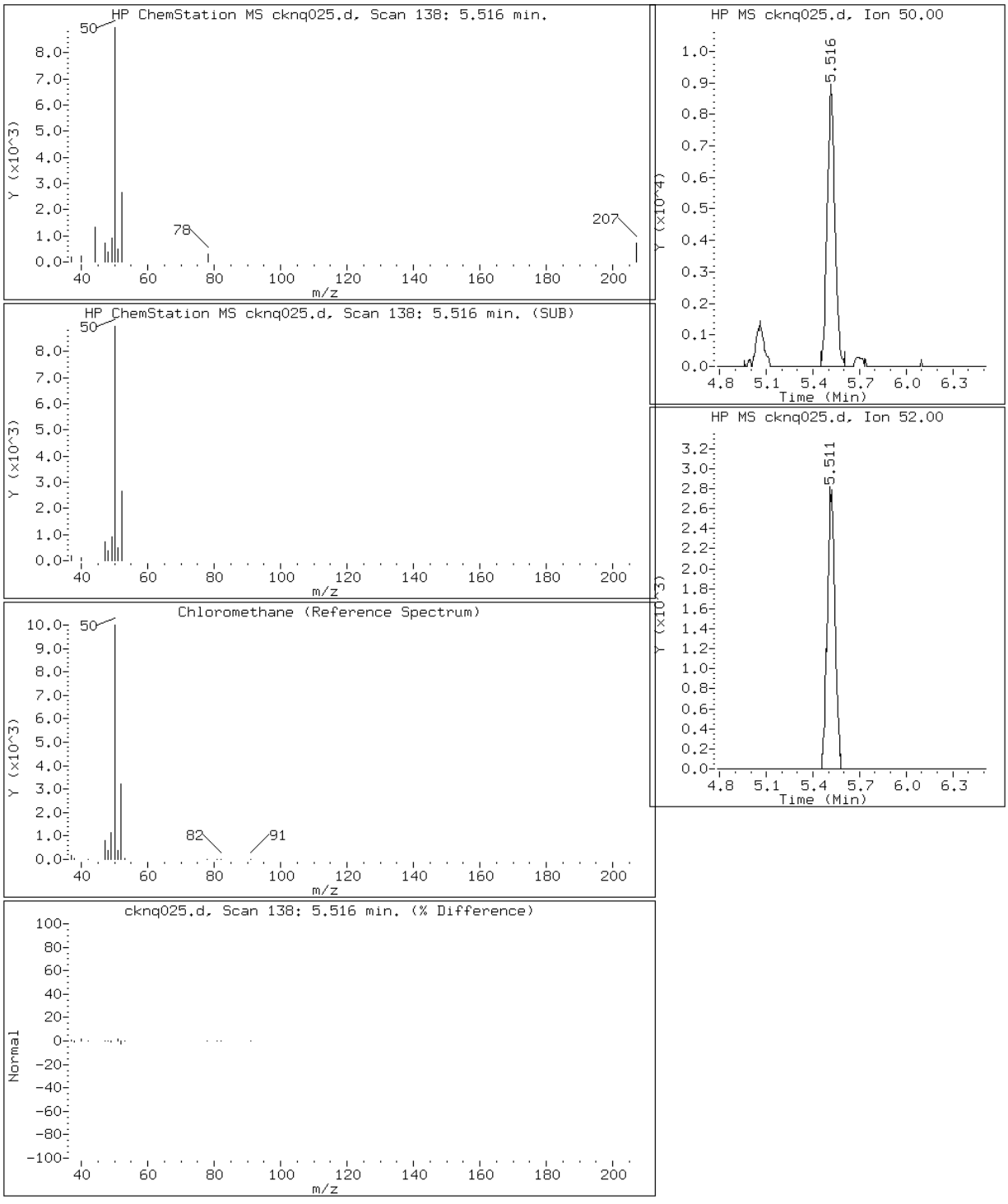
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Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

5 Chloromethane



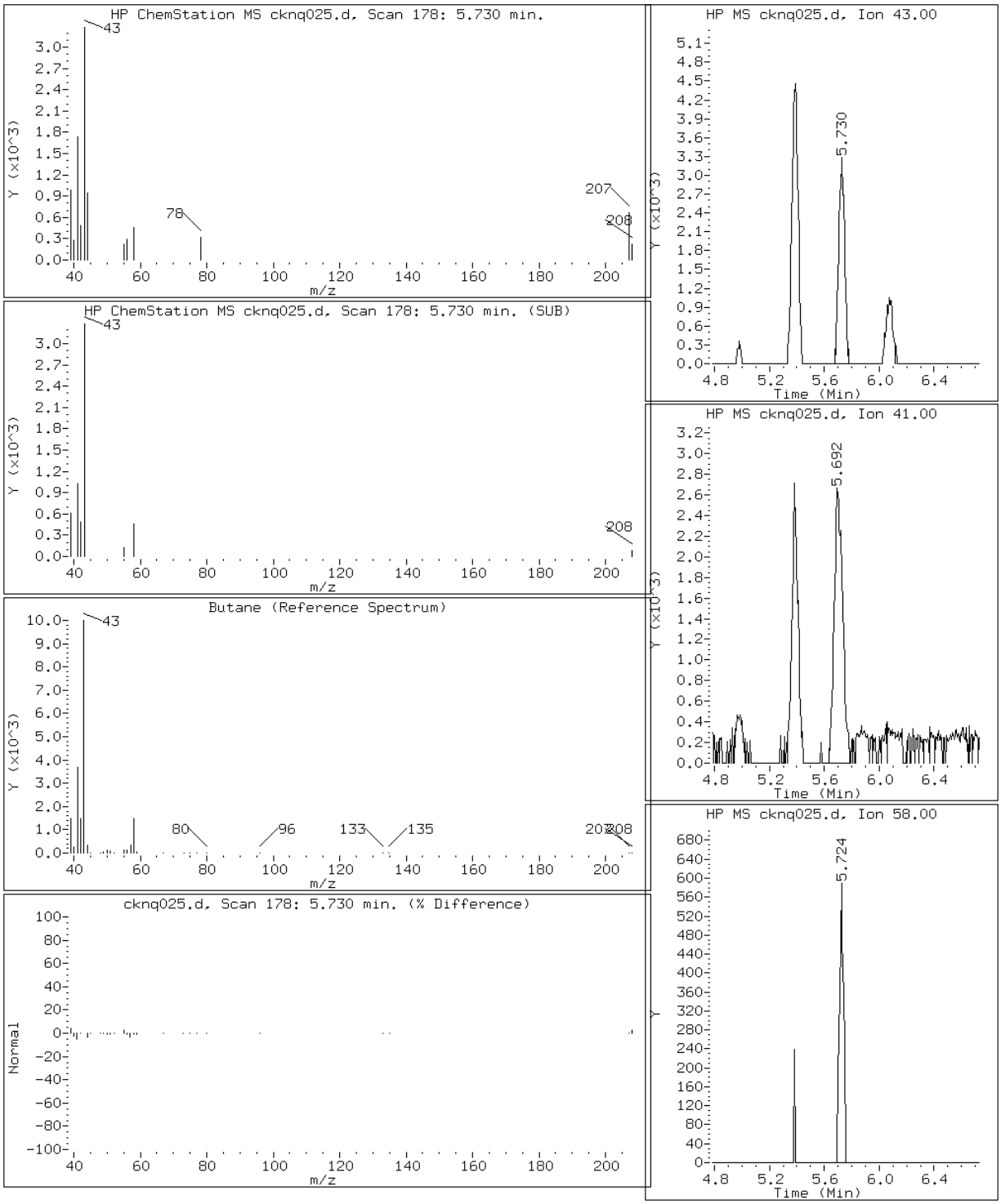
Data File: cknq025.d

Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

6 Butane



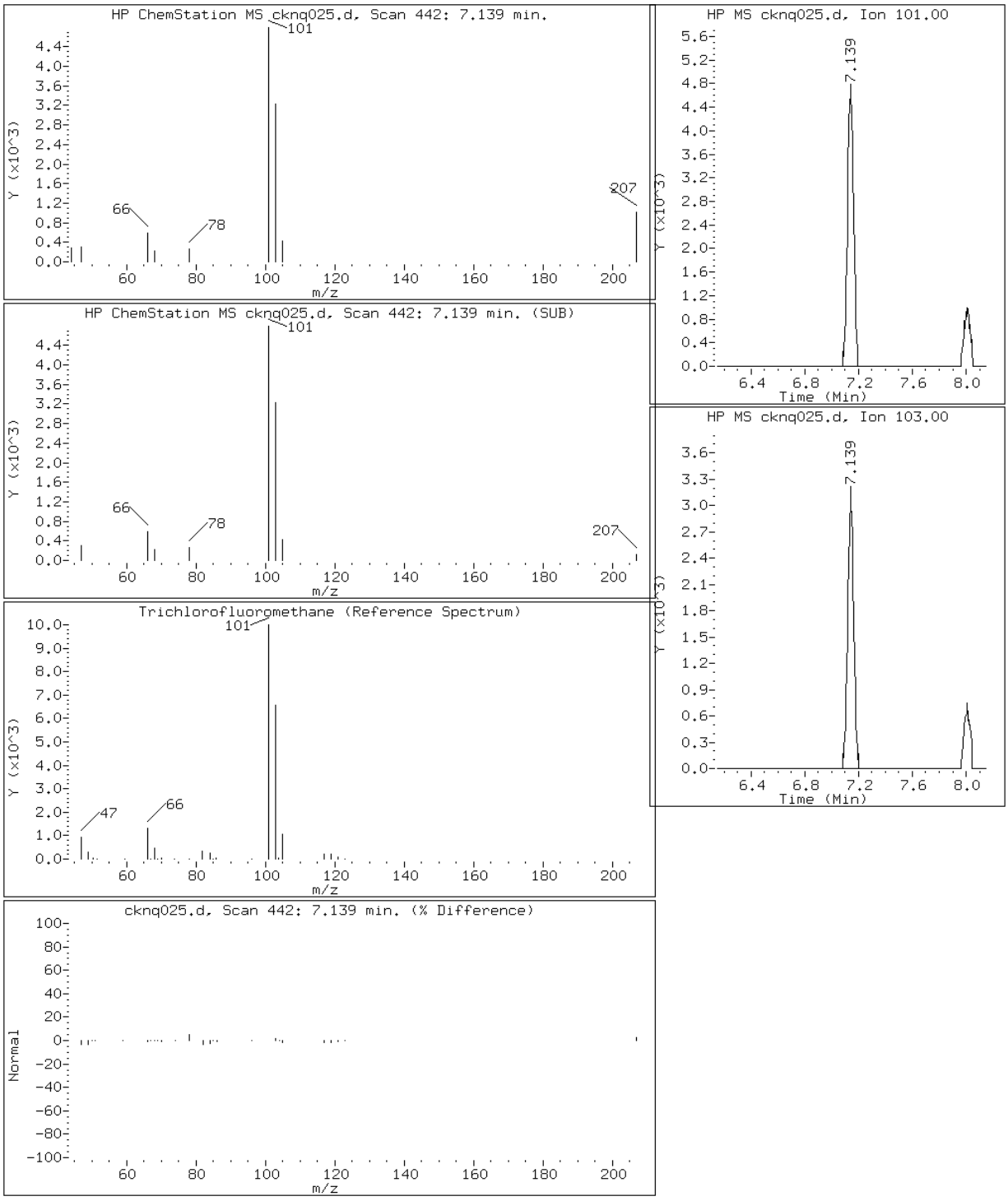
Data File: cknq025.d

Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

13 Trichlorofluoromethane



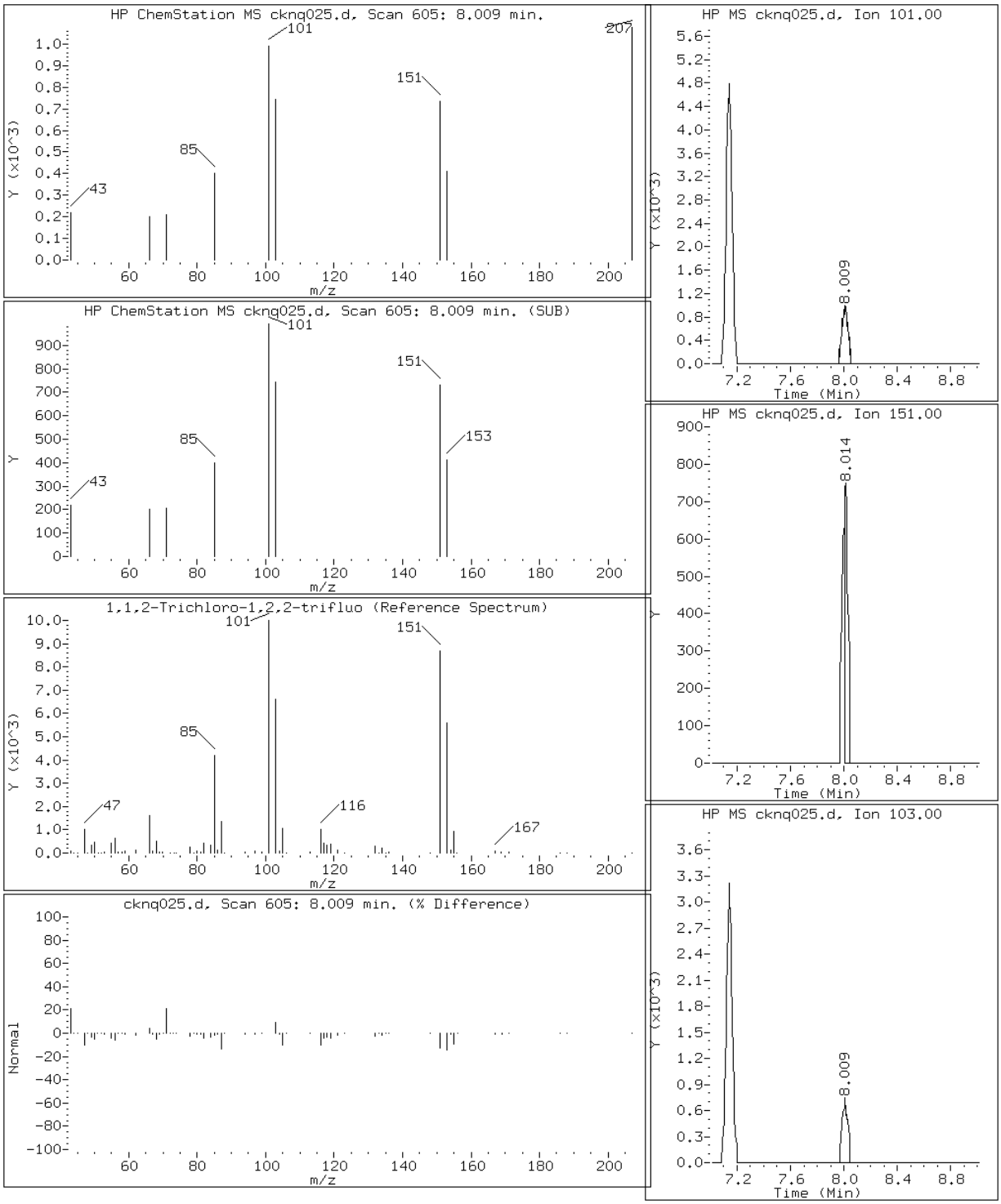
Data File: cknq025.d

Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

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



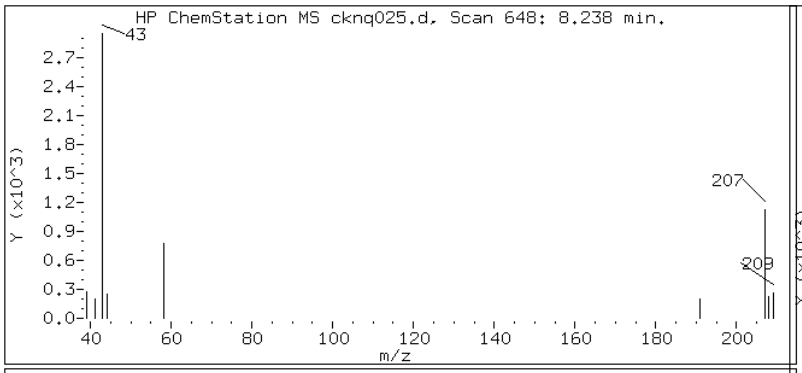
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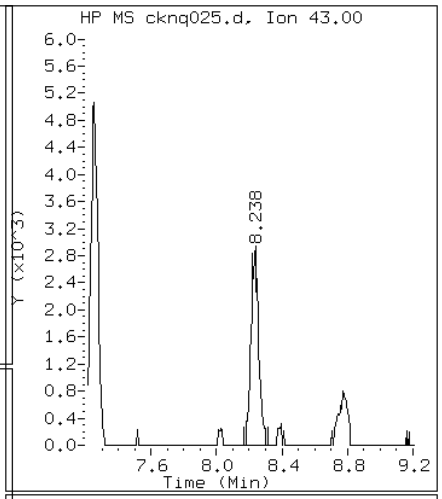
Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

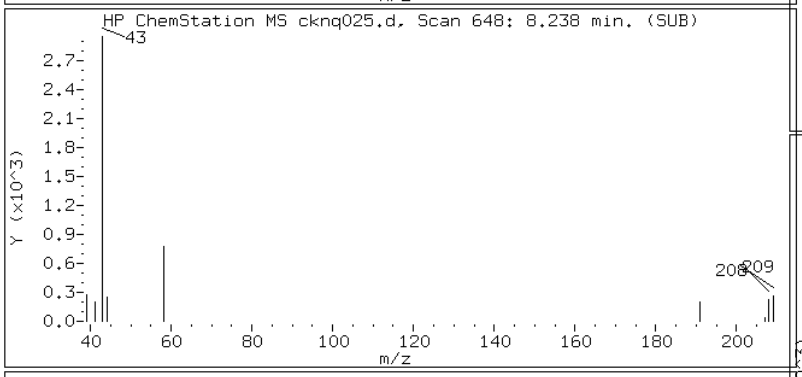
Client ID: 785VMP0202AG Instrument: C.i

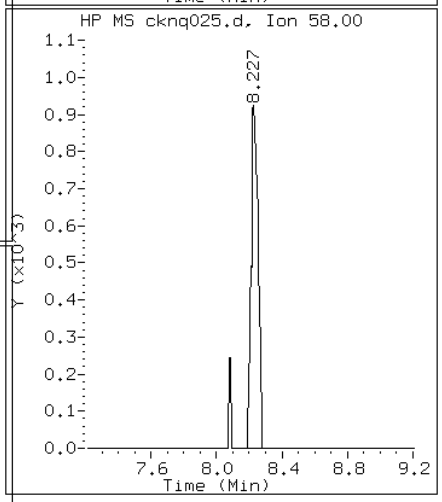
Sample Info: 280-25294-A-4 Operator: wrd

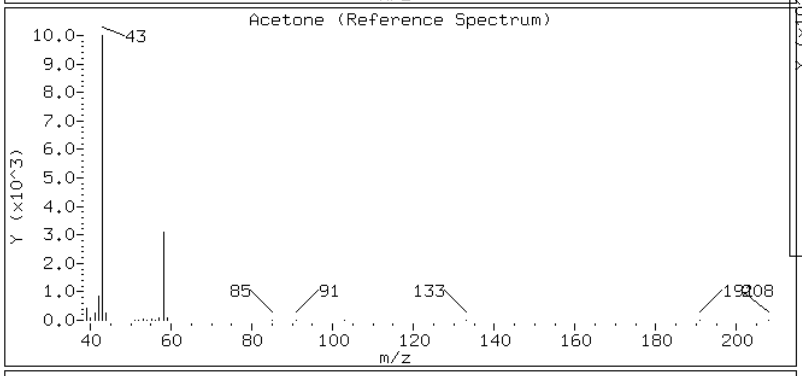
20 Acetone

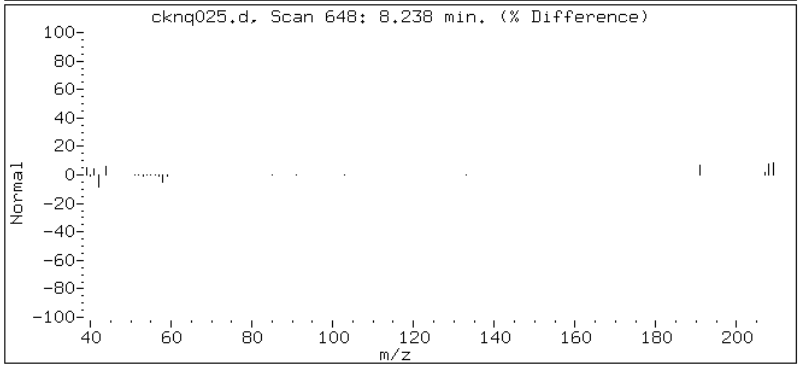












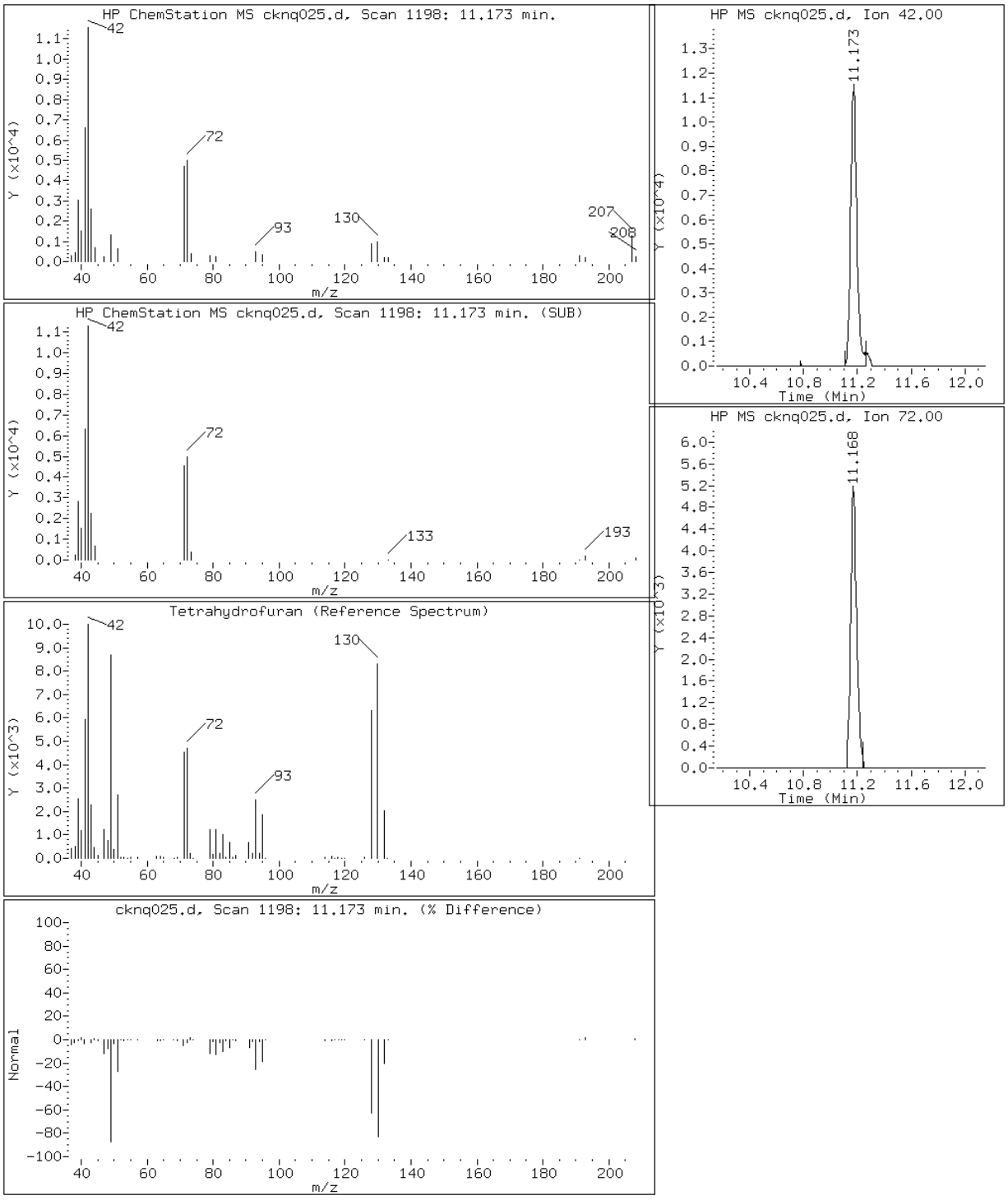
Data File: cknq025.d

Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

38 Tetrahydrofuran



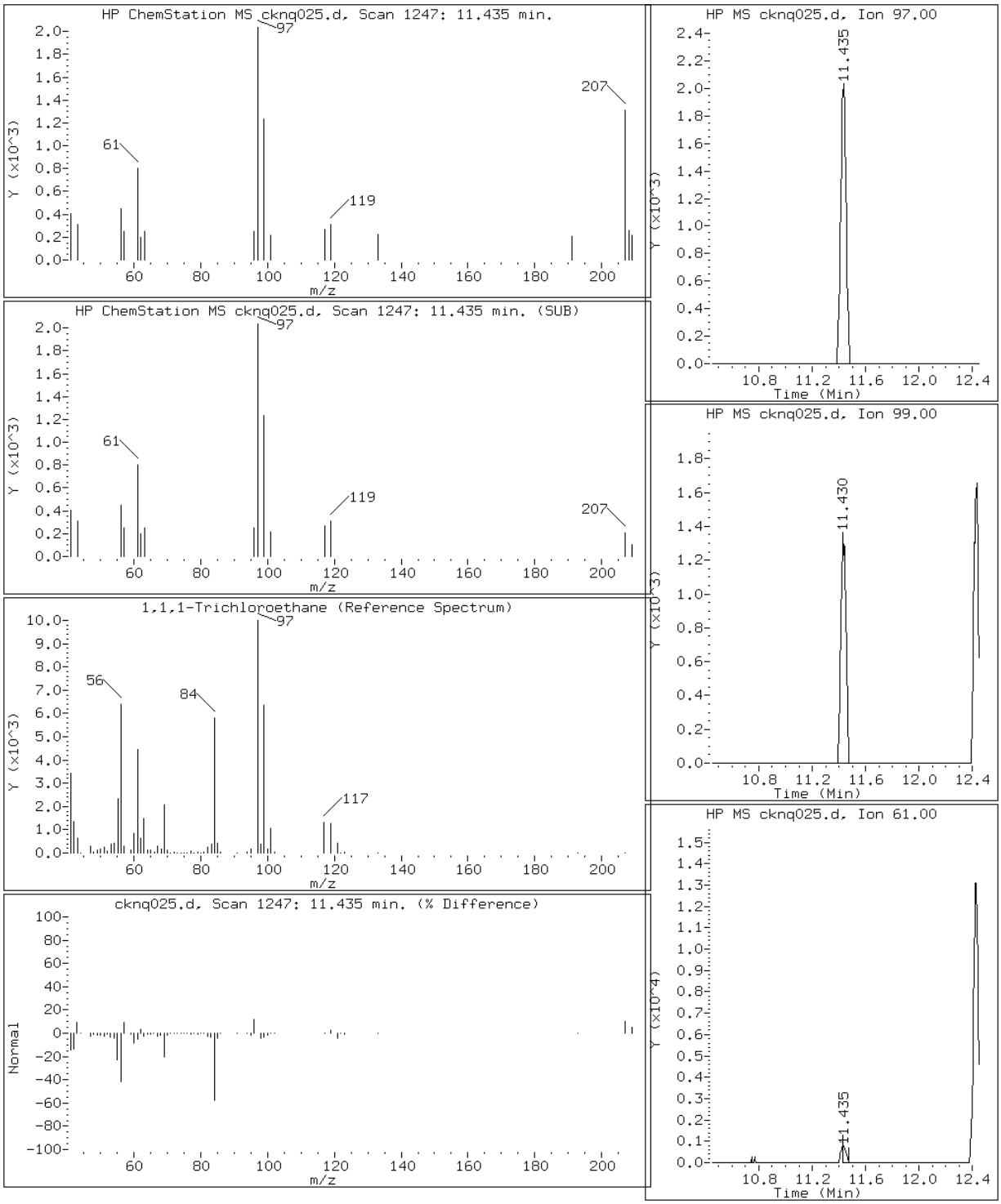
Data File: cknq025.d

Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

41 1,1,1-Trichloroethane



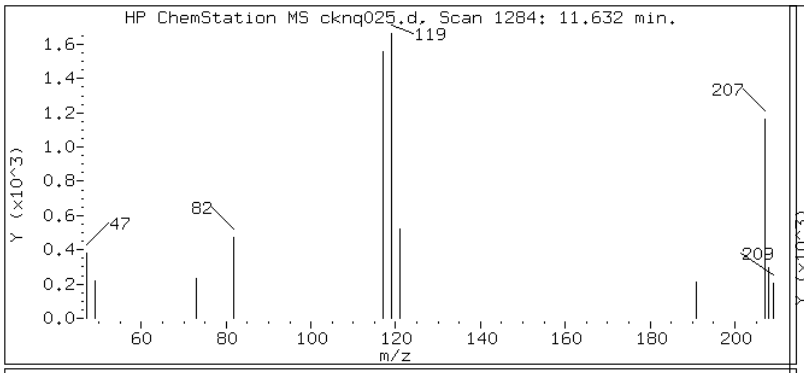
Data File: cknq025.d

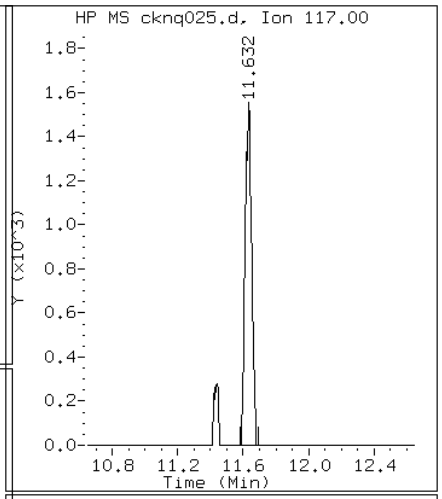
Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

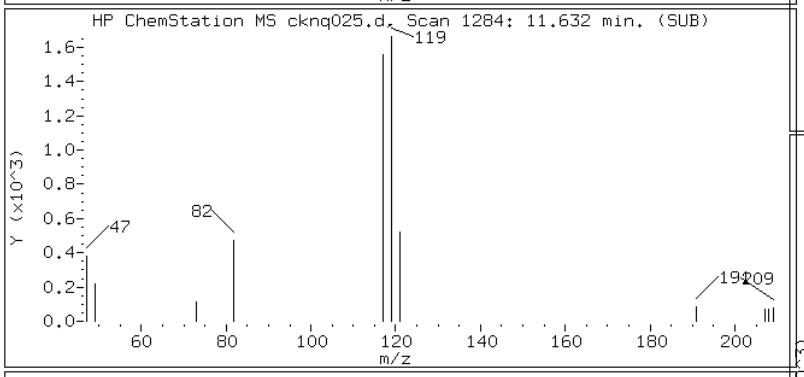
Client ID: 785VMP0202AG Instrument: C.i

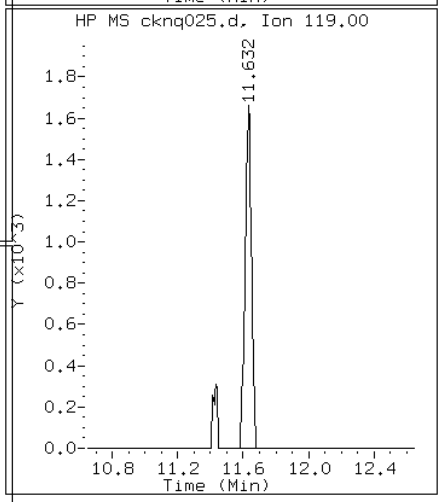
Sample Info: 280-25294-A-4 Operator: wrd

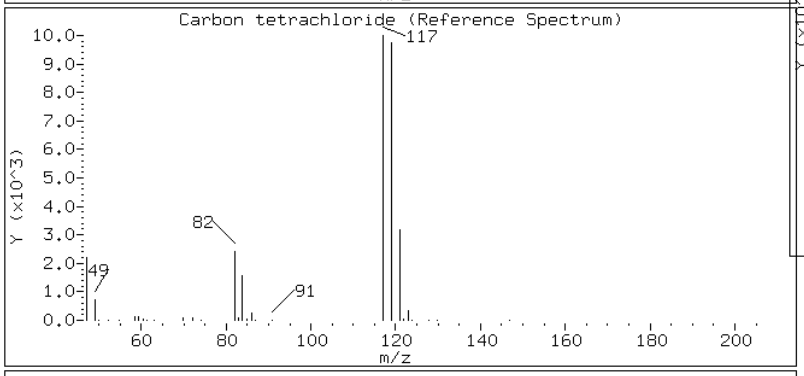
42 Carbon tetrachloride

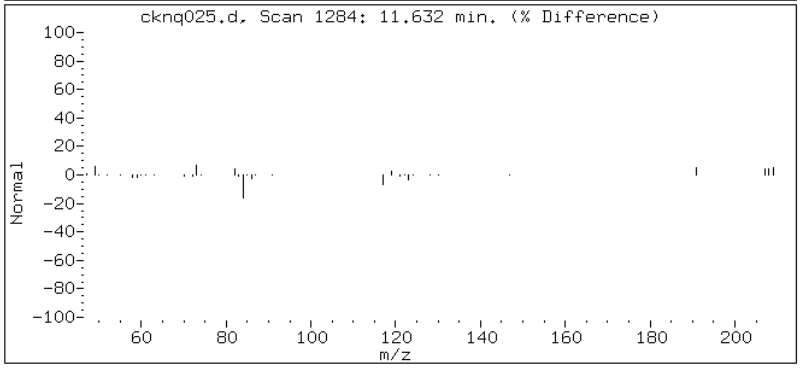












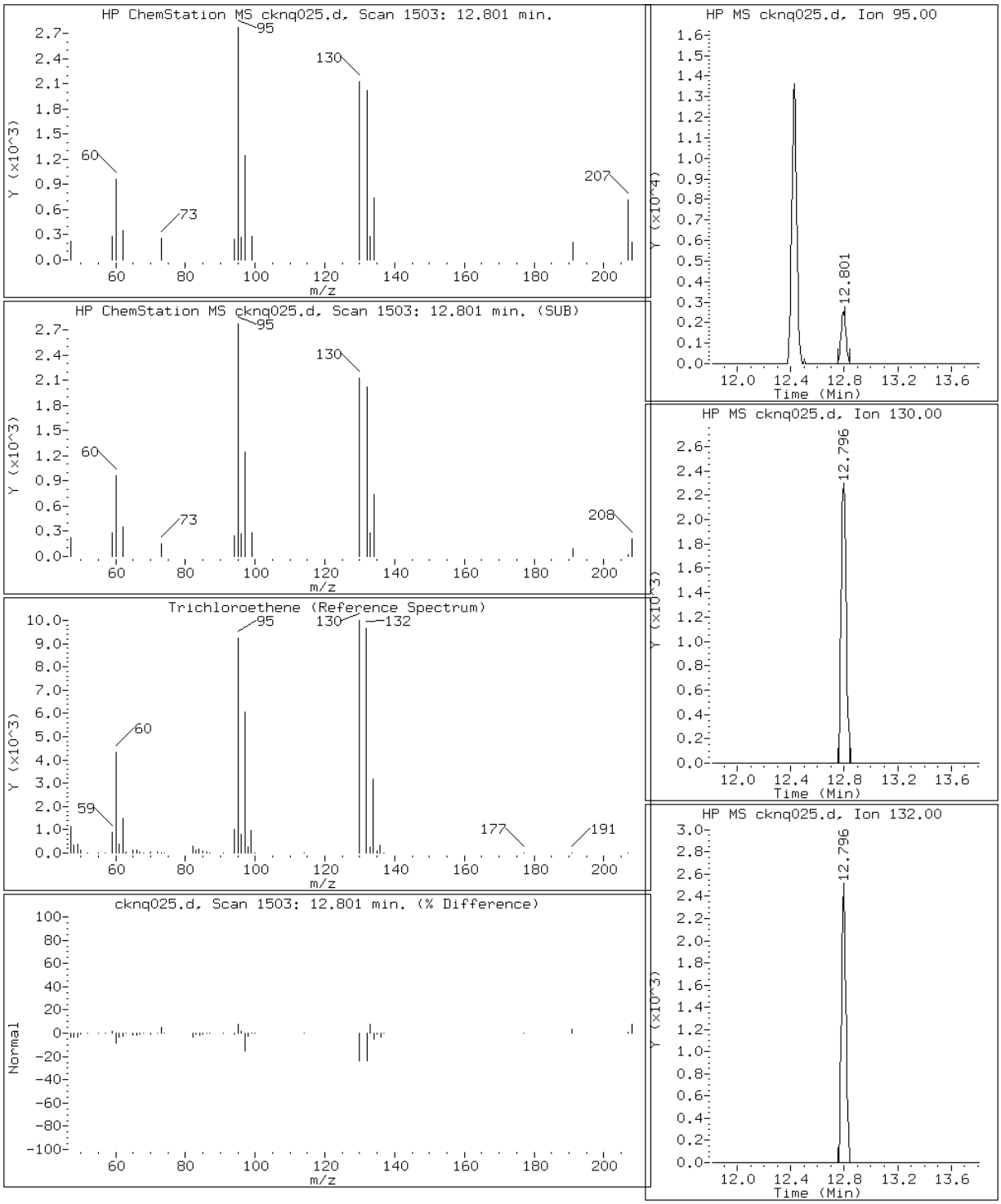
Data File: cknq025.d

Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

49 Trichloroethene



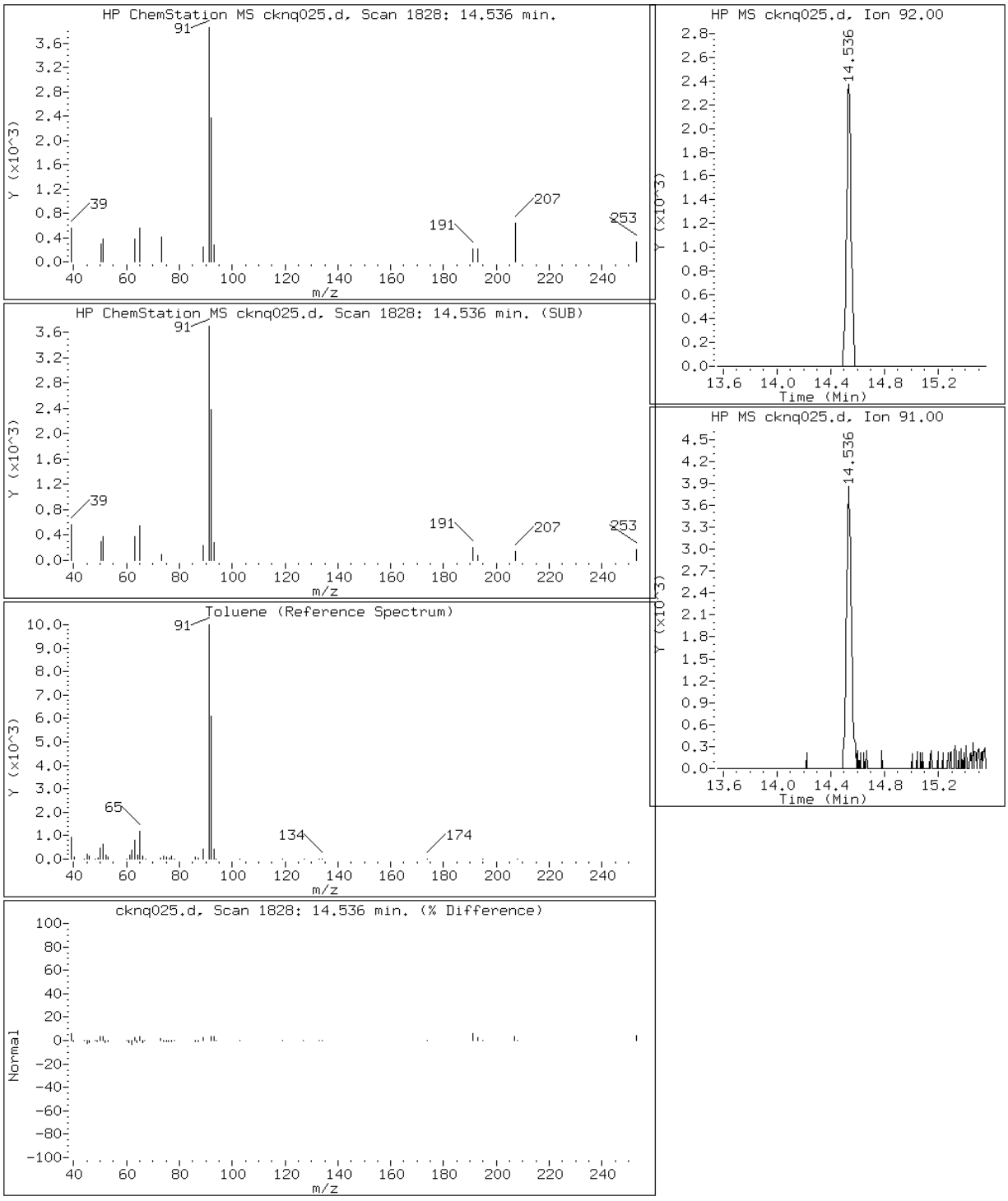
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Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

Client ID: 785VMP0202AG Instrument: C.i

Sample Info: 280-25294-A-4 Operator: wrd

58 Toluene



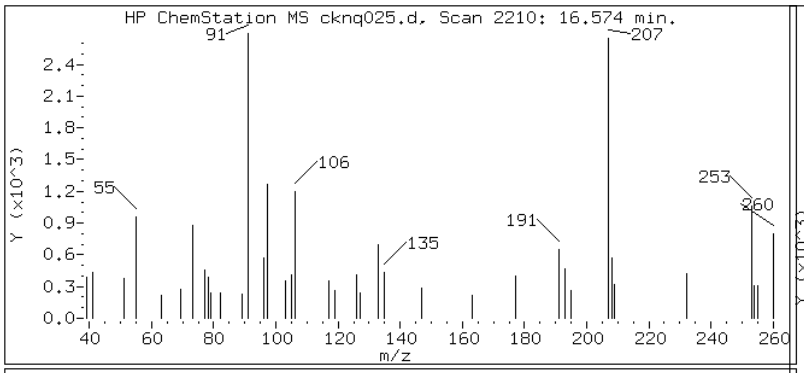
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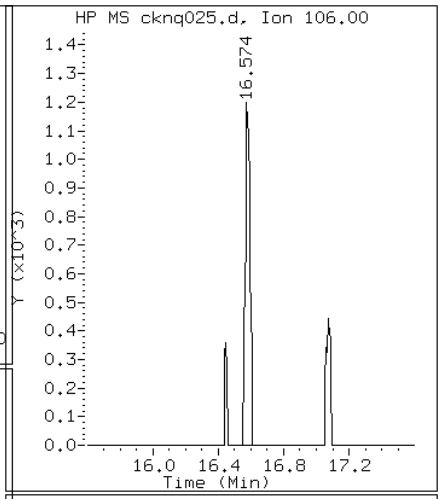
Lab Sample ID: 280-25294-4 Date: 07-FEB-2012 05:16

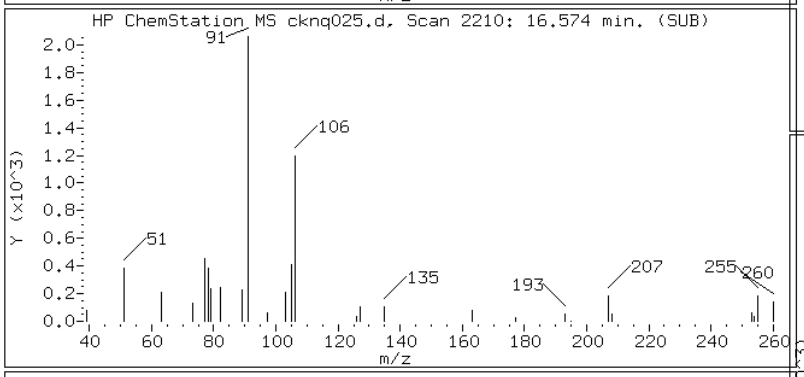
Client ID: 785VMP0202AG Instrument: C.i

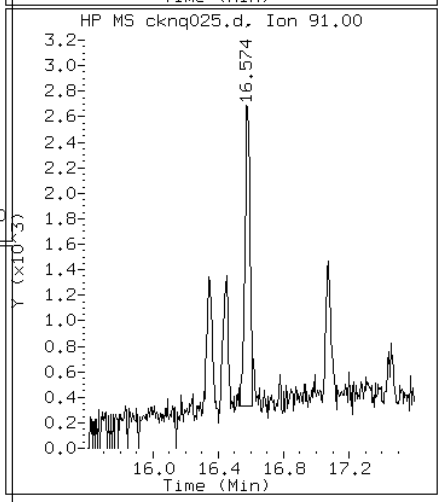
Sample Info: 280-25294-A-4 Operator: wrd

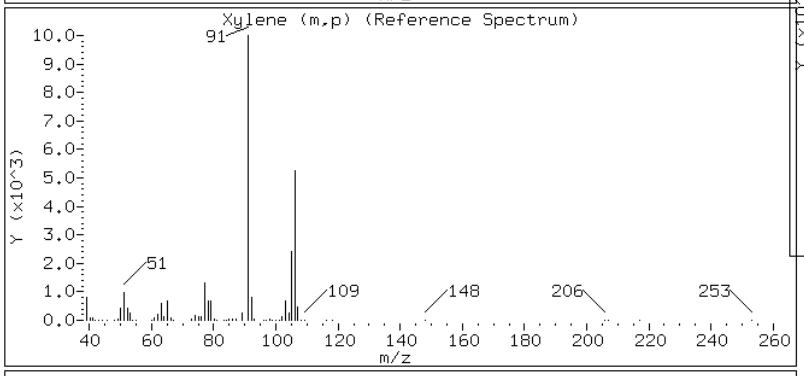
69 Xylene (m,p)

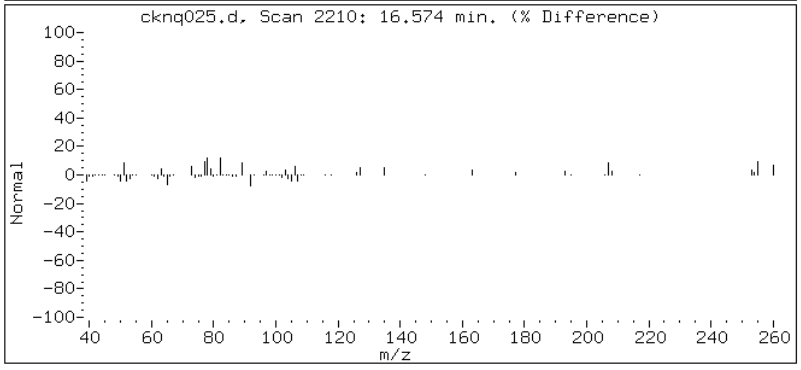












Manual Integration Report

Data File: cknq025.d
Lab Sample ID: 280-25294-4
Inj. Date and Time: 07-FEB-2012 05:16
Instrument ID: C.i
Client ID: 785VMP0202AG
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 02/08/2012

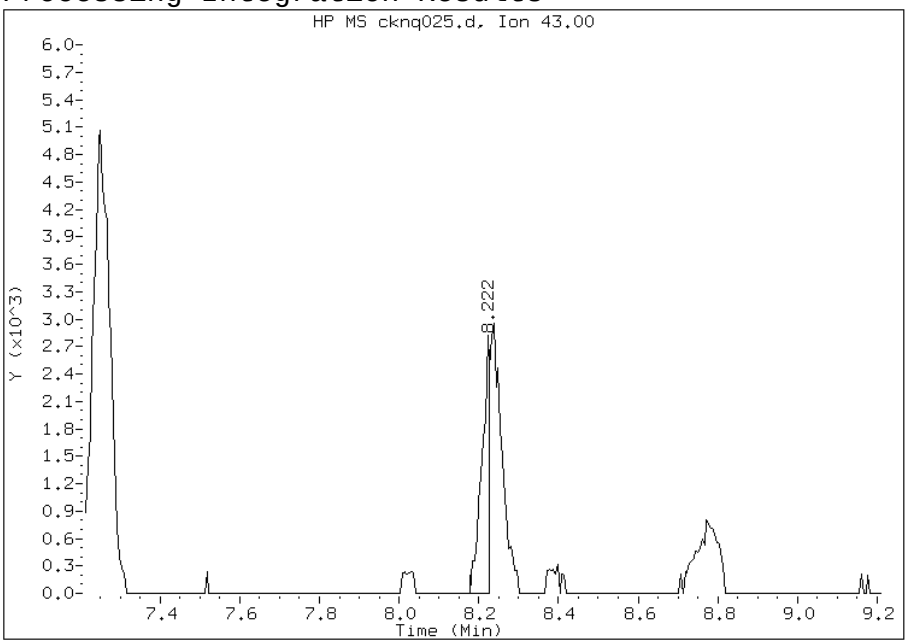
Processing Integration Results

RT: 8.22

Response: 3998

Amount: 0.133002

Conc: 0.133002



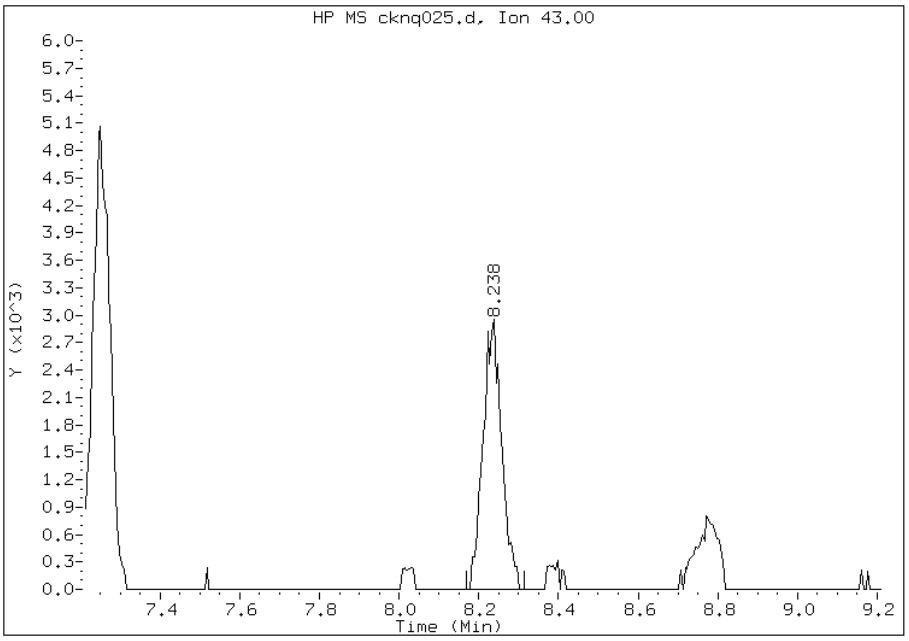
Manual Integration Results

RT: 8.24

Response: 9636

Amount: 0.320489

Conc: 0.320489



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknq025.d
Lab Sample ID: 280-25294-4
Inj. Date and Time: 07-FEB-2012 05:16
Instrument ID: C.i
Client ID: 785VMP0202AG
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 02/08/2012

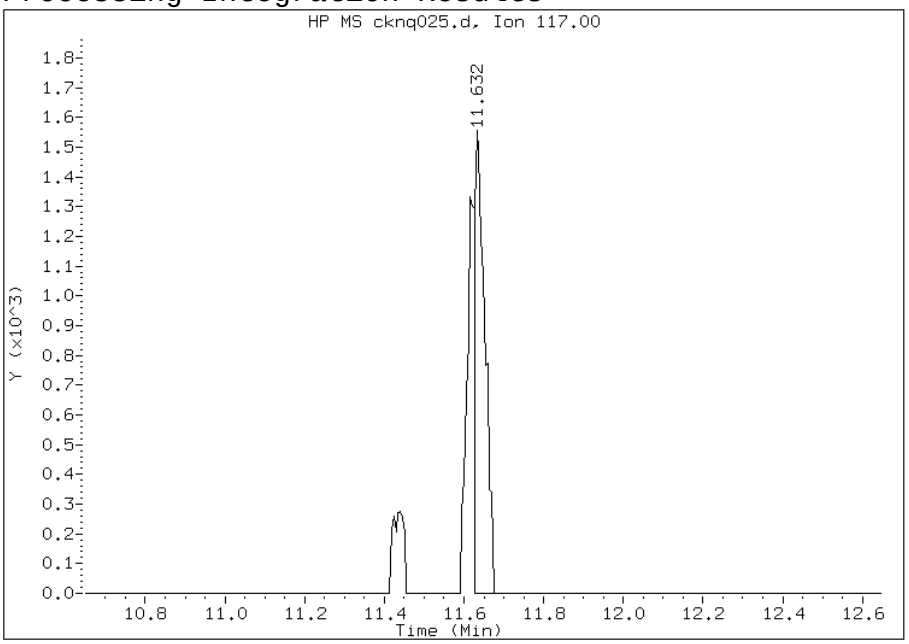
Processing Integration Results

RT: 11.63

Response: 2829

Amount: 0.050618

Conc: 0.050618



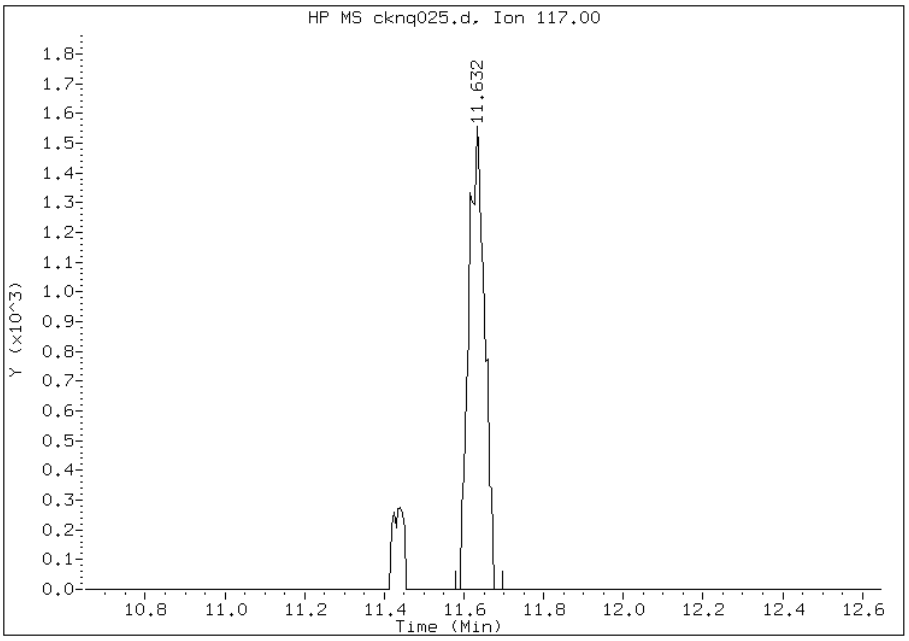
Manual Integration Results

RT: 11.63

Response: 4369

Amount: 0.078172

Conc: 0.078172



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.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0401AD Lab Sample ID: 280-25294-5

Matrix: Air Lab File ID: cknq026.d

Analysis Method: TO-15 Date Collected: 01/31/2012 16:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.58		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	1.9		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.076	J M	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	2.1	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.93	J	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.35	J	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.12	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.26		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.28	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.10	J	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.081	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.12	J	0.20	0.036
71-43-2	Benzene	78.11	0.20		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.11	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0401AD Lab Sample ID: 280-25294-5

Matrix: Air Lab File ID: cknq026.d

Analysis Method: TO-15 Date Collected: 01/31/2012 16:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.66		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.60		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.13	J	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.26	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.10	J	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.37		0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.092	J	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0401AD Lab Sample ID: 280-25294-5

Matrix: Air Lab File ID: cknq026.d

Analysis Method: TO-15 Date Collected: 01/31/2012 16:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:06

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0401AD Lab Sample ID: 280-25294-5

Matrix: Air Lab File ID: cknq026.d

Analysis Method: TO-15 Date Collected: 01/31/2012 16:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.9		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	4.6		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.58	J M	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	4.9	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	2.3	J	12	0.091
75-15-0	Carbon disulfide	76.14	1.1	J	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.43	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.91		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.82	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.34	J	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.51	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.58	J	0.93	0.17
71-43-2	Benzene	78.11	0.64		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.45	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0401AD Lab Sample ID: 280-25294-5

Matrix: Air Lab File ID: cknq026.d

Analysis Method: TO-15 Date Collected: 01/31/2012 16:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	3.5		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	2.2		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.58	J	0.87	0.096
179601-23-1	m,p-Xylene	106.17	1.1	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.46	J	0.87	0.096
1330-20-7	Xylene (total)	106.17	1.6		0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.45	J	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0401AD Lab Sample ID: 280-25294-5

Matrix: Air Lab File ID: cknq026.d

Analysis Method: TO-15 Date Collected: 01/31/2012 16:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:06

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25294-5
Client Smp ID: 785VMP0401AD
Inj Date : 07-FEB-2012 06:06
Operator : wrd Inst ID: C.i
Smp Info : 280-25294-A-5
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	5.052	5.057	(0.455)	35252	0.58057	0.58
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	5.719	5.730	(0.515)	71313	1.94556	1.9(Q)
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	7.139	7.149	(0.643)	15076	0.24512	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.993	8.014	(0.720)	3253	0.07587	0.076(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.211	8.211	(0.739)	63394	2.06531	2.1(a)

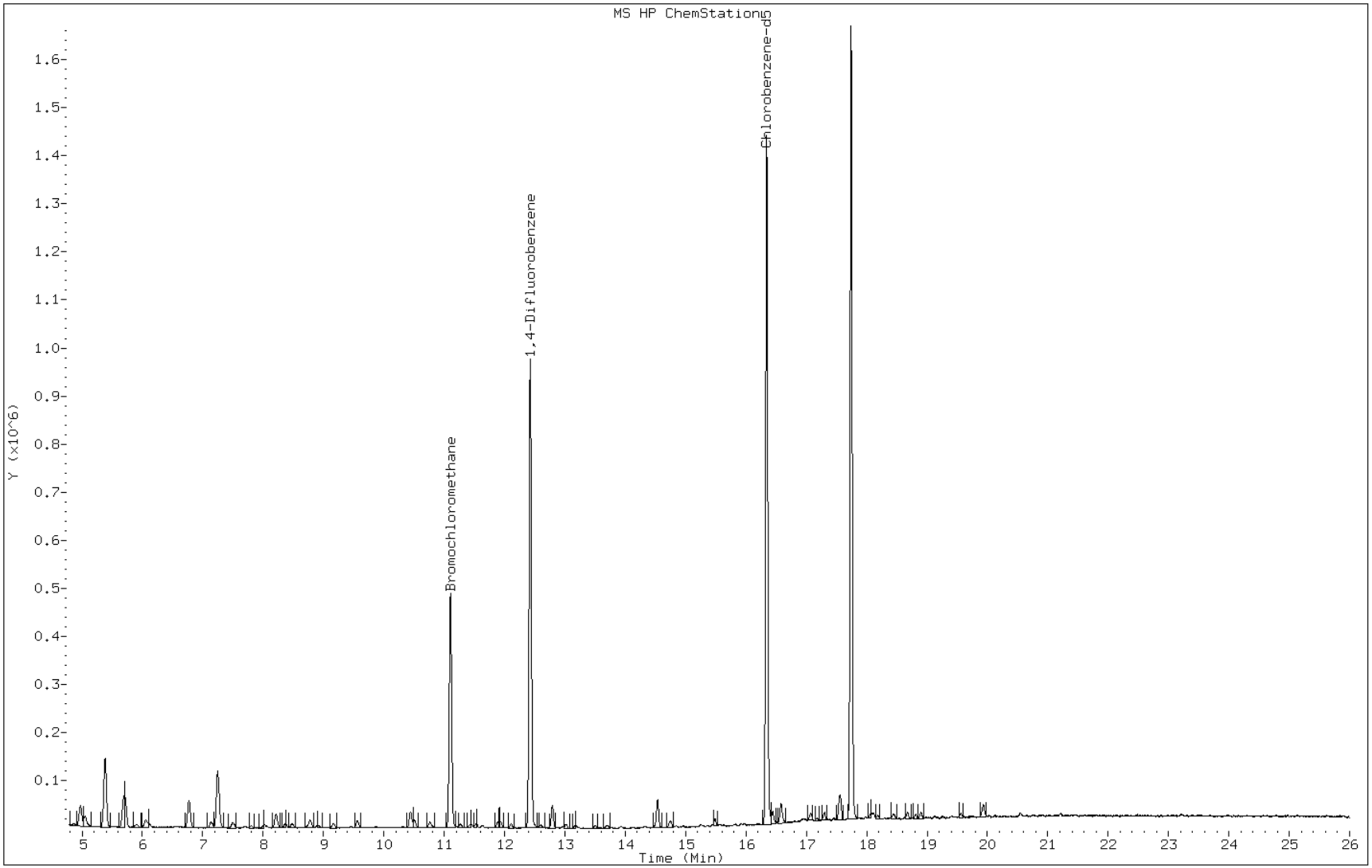
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
21	Carbon disulfide	76	8.489	8.494	(0.764)	21107	0.34641	0.35(a)
22	Isopropanol	45	8.366	8.350	(0.753)	19618	0.93134	0.93(a)
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	8.900	8.910	(0.801)	2828	0.12258	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.					
30	n-Hexane	57	9.556	9.572	(0.861)	9676	0.25832	0.26
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	10.768	10.762	(0.970)	3138	0.27897	0.28(aQ)
* 37	Bromochloromethane	128	11.104	11.125	(1.000)	188212	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	11.462	11.477	(0.922)	3546	0.09971	0.100(aQ)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	11.632	11.648	(0.936)	4545	0.08056	0.081(a)
43	2,2,4-Trimethylpentane	57	11.888	11.904	(0.957)	15008	0.12398	0.12(a)
44	Benzene	78	11.937	11.958	(0.960)	15389	0.19947	0.20
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	12.107	12.129	(0.974)	4950	0.11028	0.11(aQ)
* 47	1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1082499	10.0000	
49	Trichloroethene	95	12.796	12.812	(1.030)	22805	0.65986	0.66
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	14.536	14.557	(0.889)	34870	0.59637	0.60
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	16.345	16.366	(1.000)	1053125	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	16.446	16.462	(1.006)	17160	0.13258	0.13(a)
69	Xylene (m,p)	106	16.585	16.601	(1.015)	13339	0.26218	0.26(a)
M 70	Xylenes, Total	106				18433	0.36714	0.37
71	Xylene (o)	106	17.076	17.092	(1.045)	5094	0.10496	0.10(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	18.672	18.693	(1.142)	10978	0.09159	0.092(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.
M - Compound response manually integrated.

Data File:	cknq026.d	Date:	07-FEB-2012 06:06
Client ID:	785VMP0401AD	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25294-A-5		
Lab Sample ID:	280-25294-5		



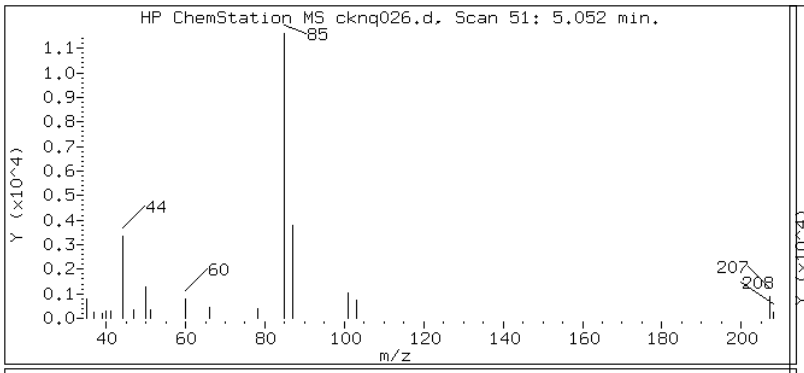
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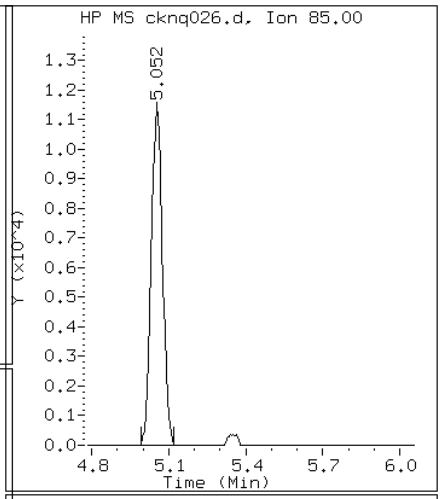
Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

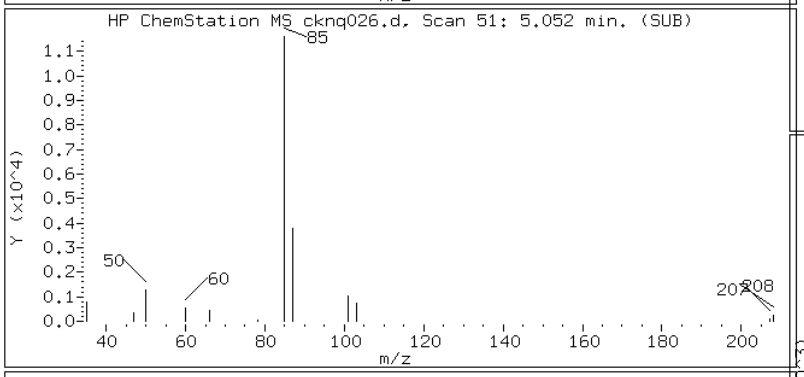
Client ID: 785VMP0401AD Instrument: C.i

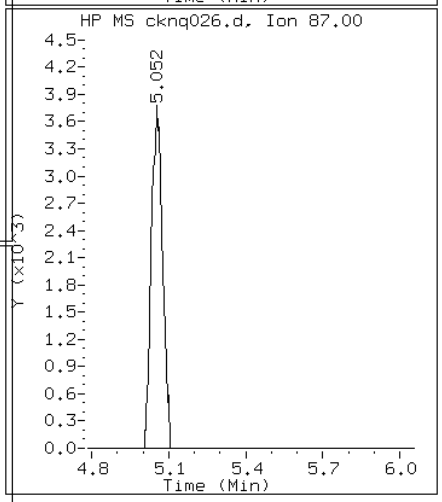
Sample Info: 280-25294-A-5 Operator: wrd

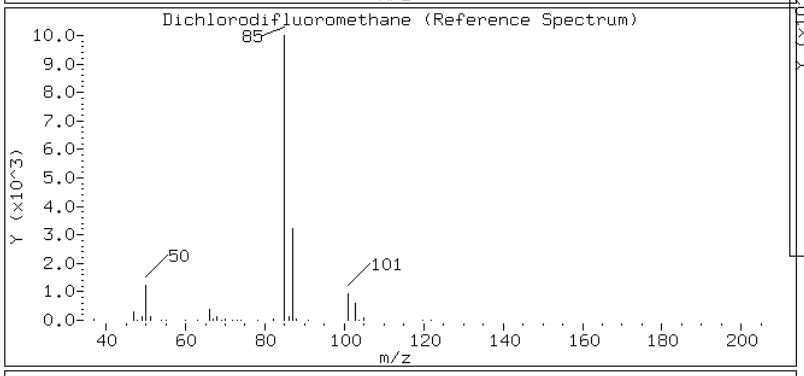
2 Dichlorodifluoromethane

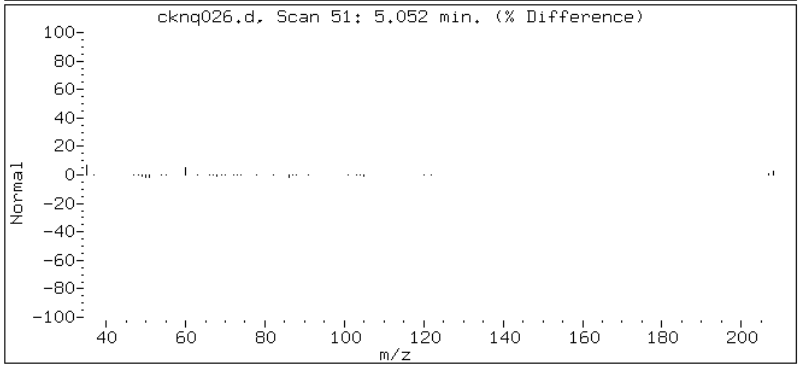












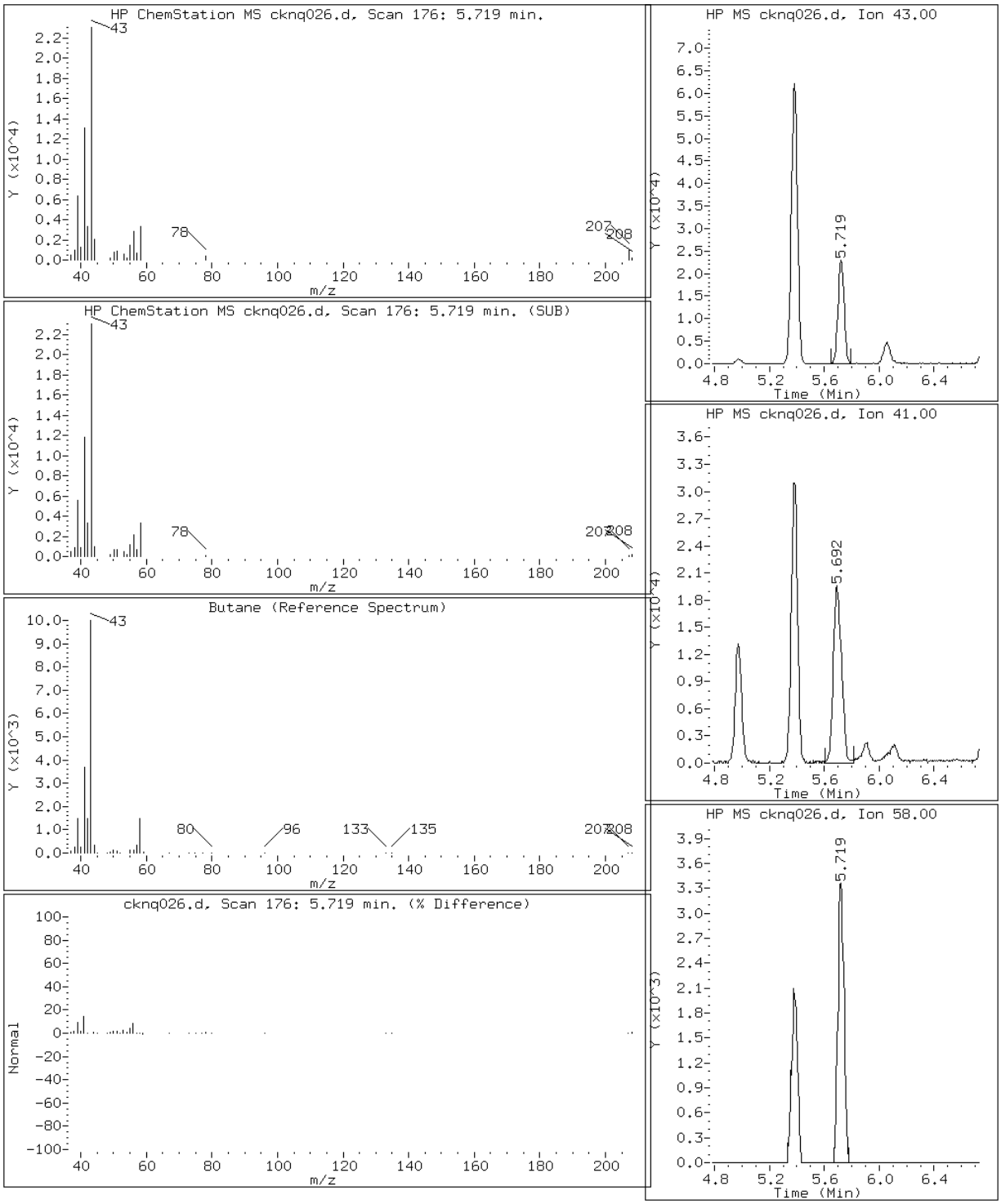
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

6 Butane



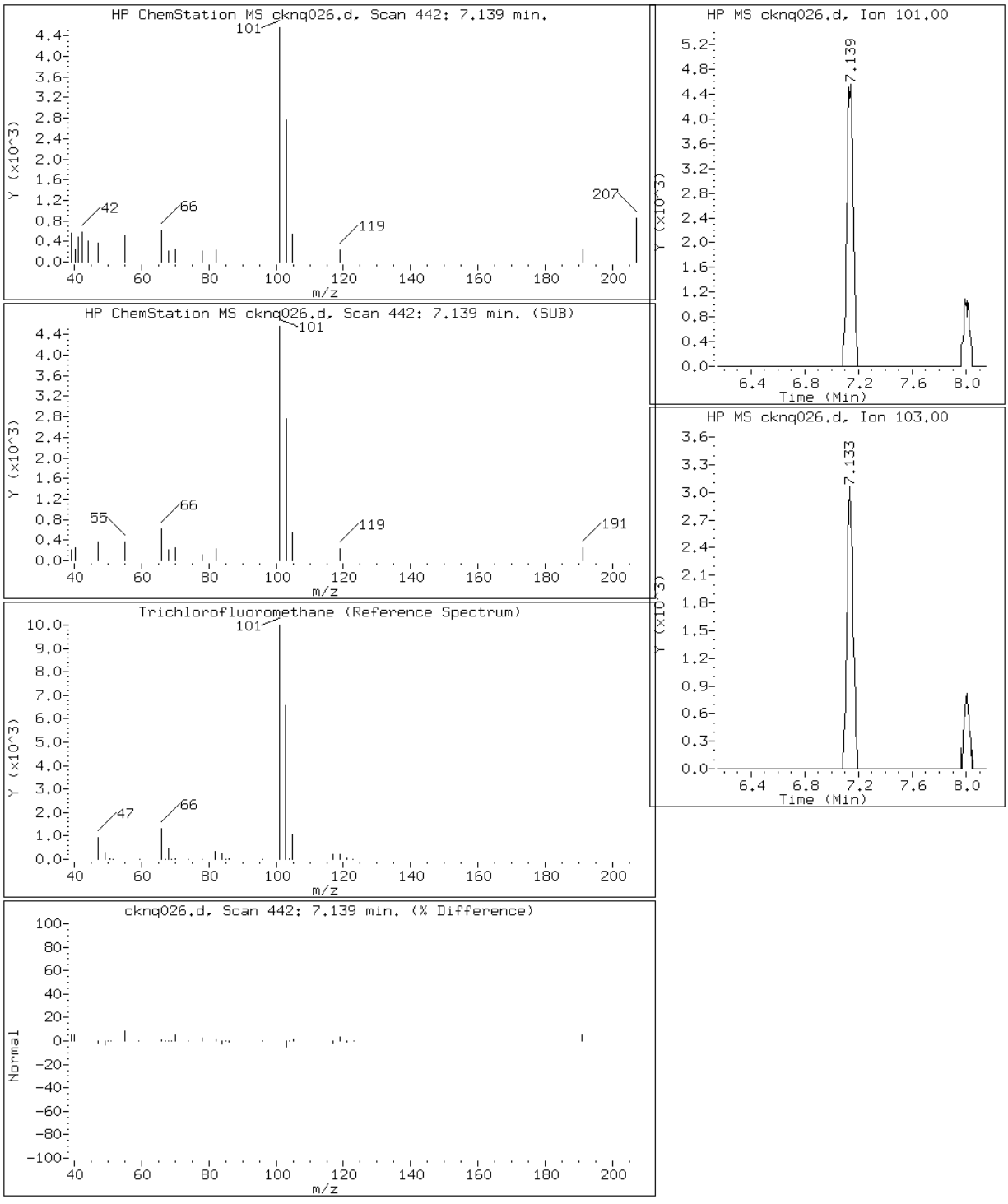
Data File: cknq026.d

Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

13 Trichlorofluoromethane



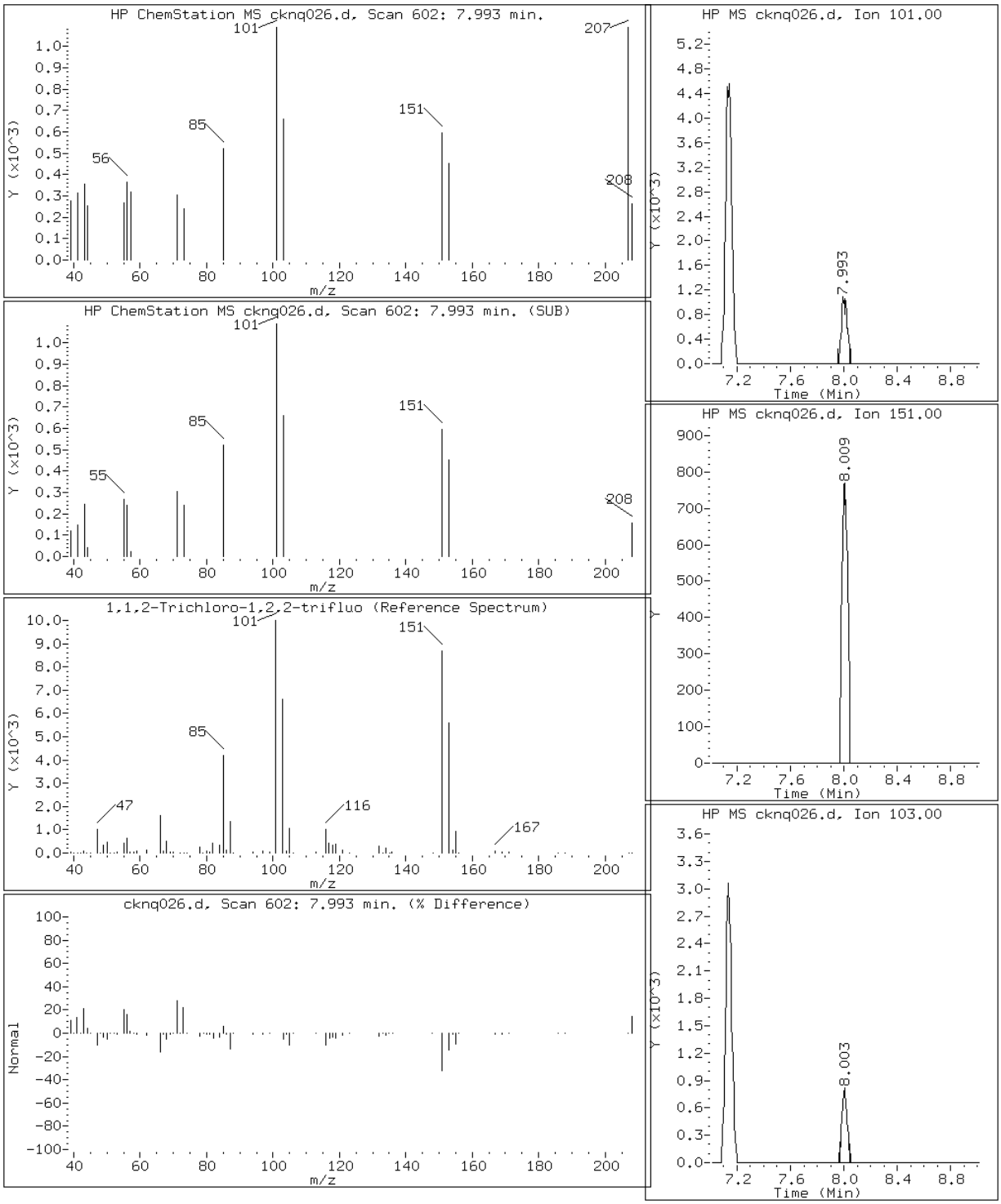
Data File: cknq026.d

Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

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



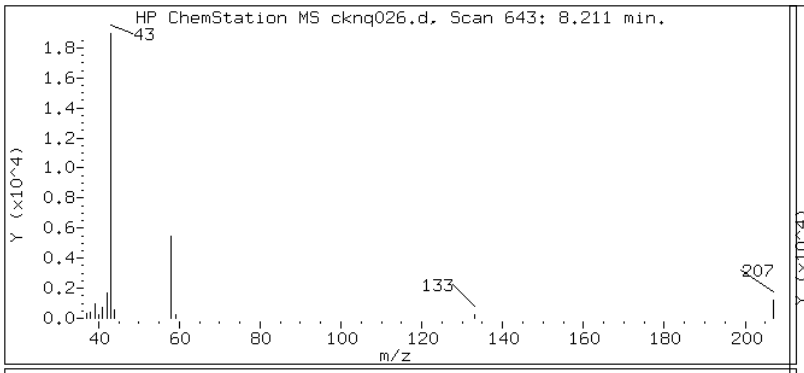
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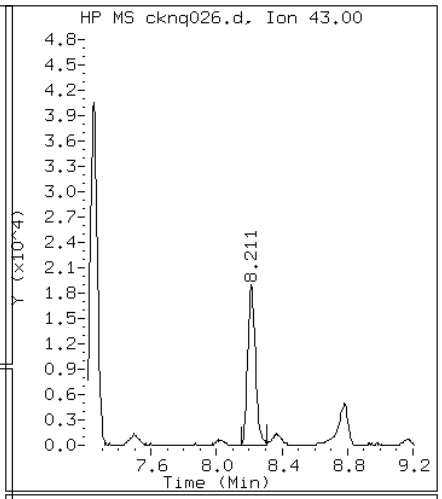
Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

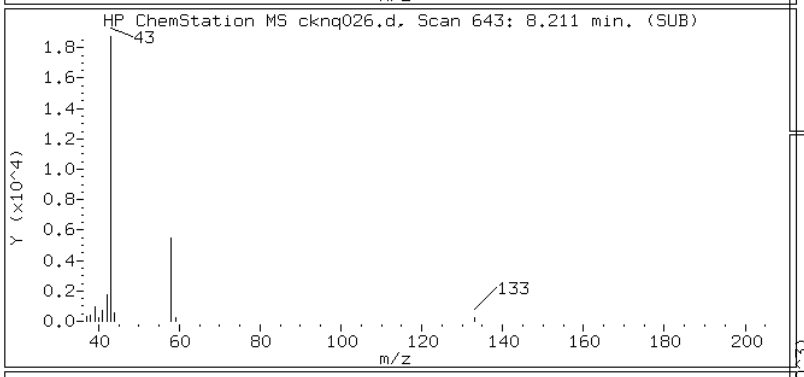
Client ID: 785VMP0401AD Instrument: C.i

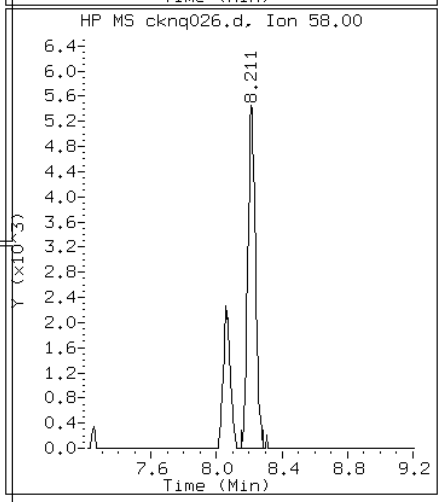
Sample Info: 280-25294-A-5 Operator: wrd

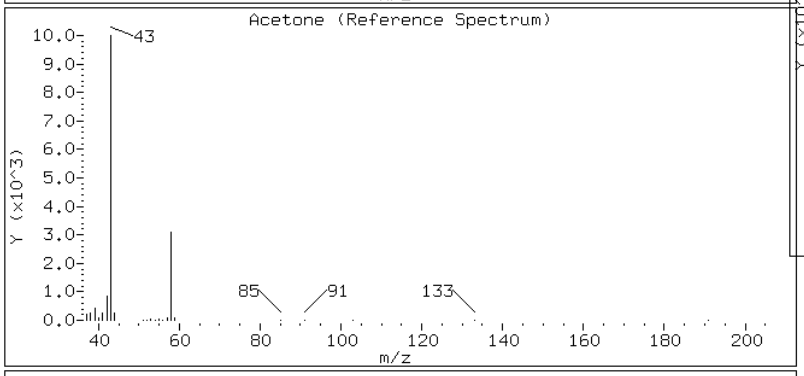
20 Acetone

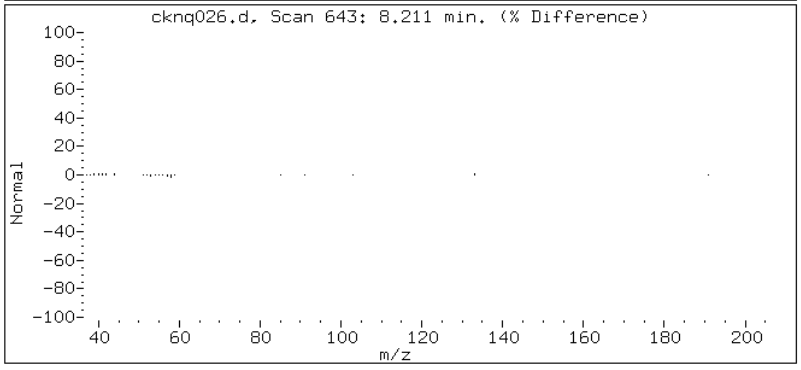












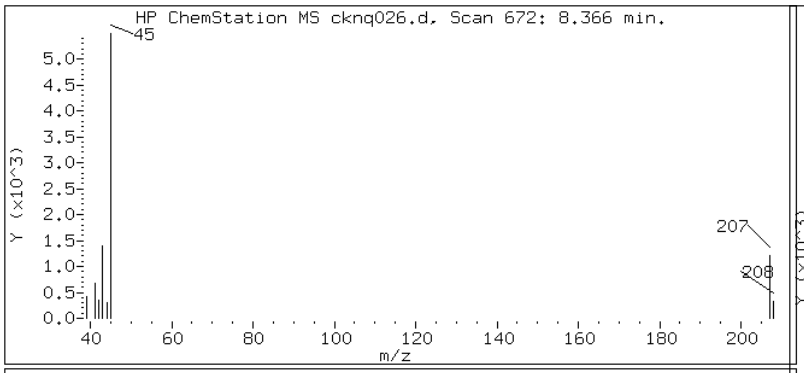
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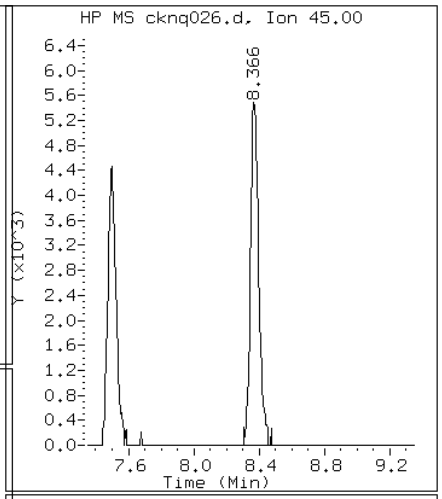
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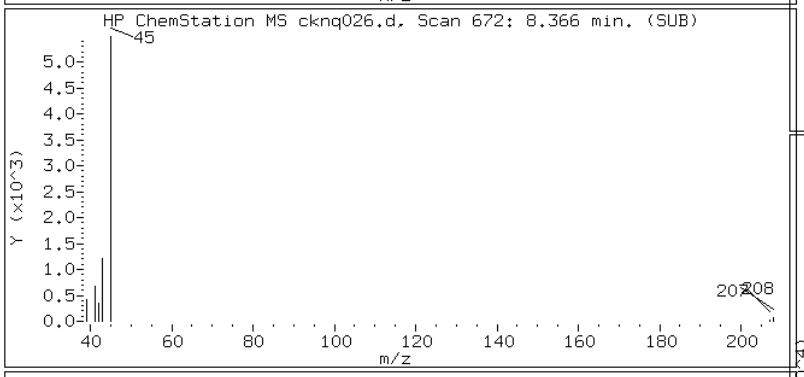
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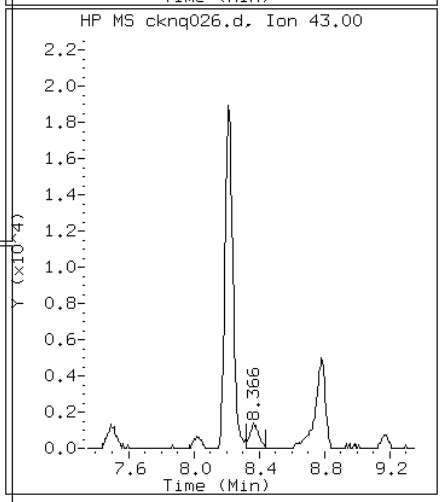
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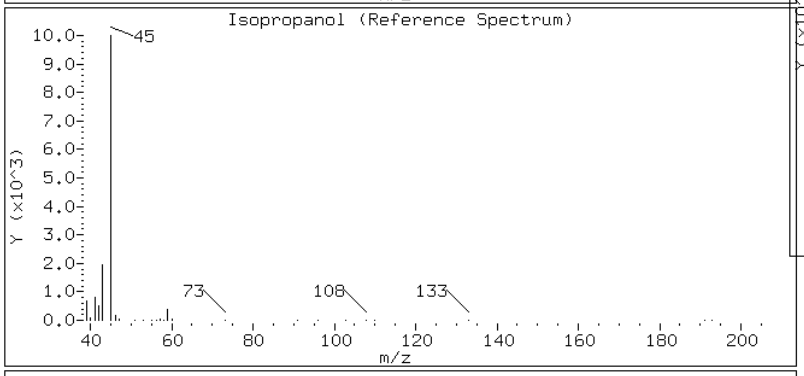
22 Isopropanol

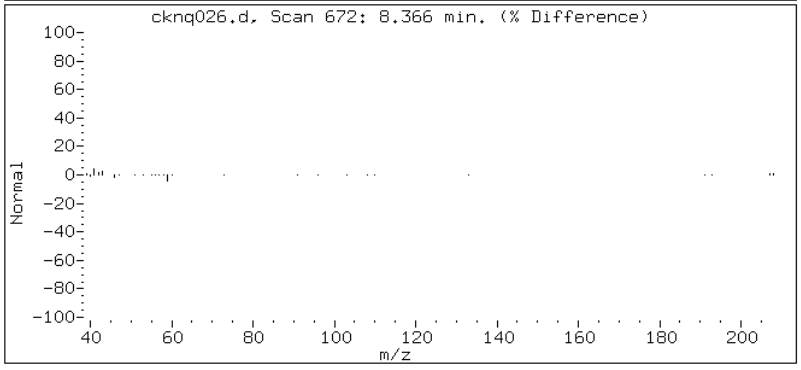












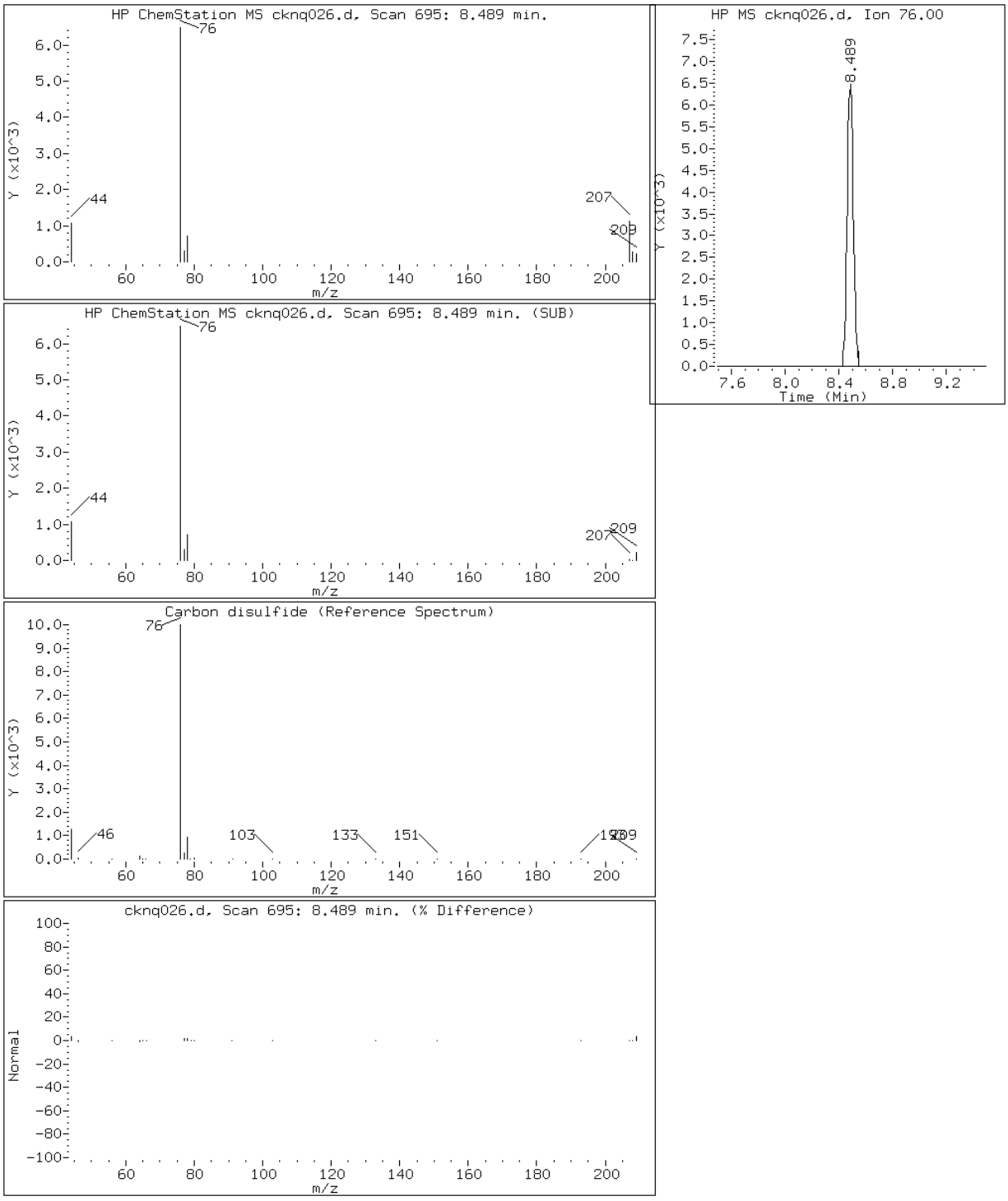
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

21 Carbon disulfide



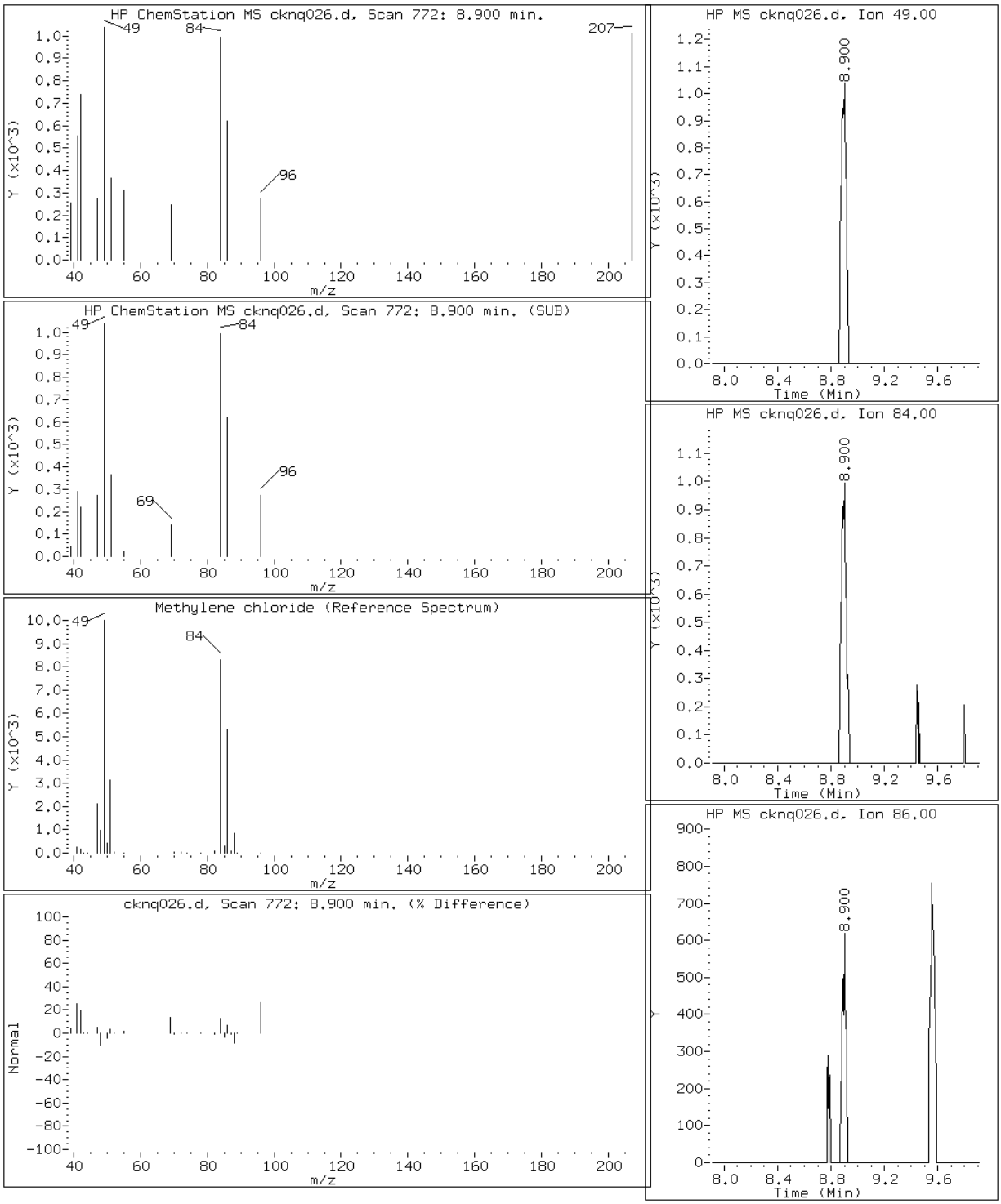
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

25 Methylene chloride



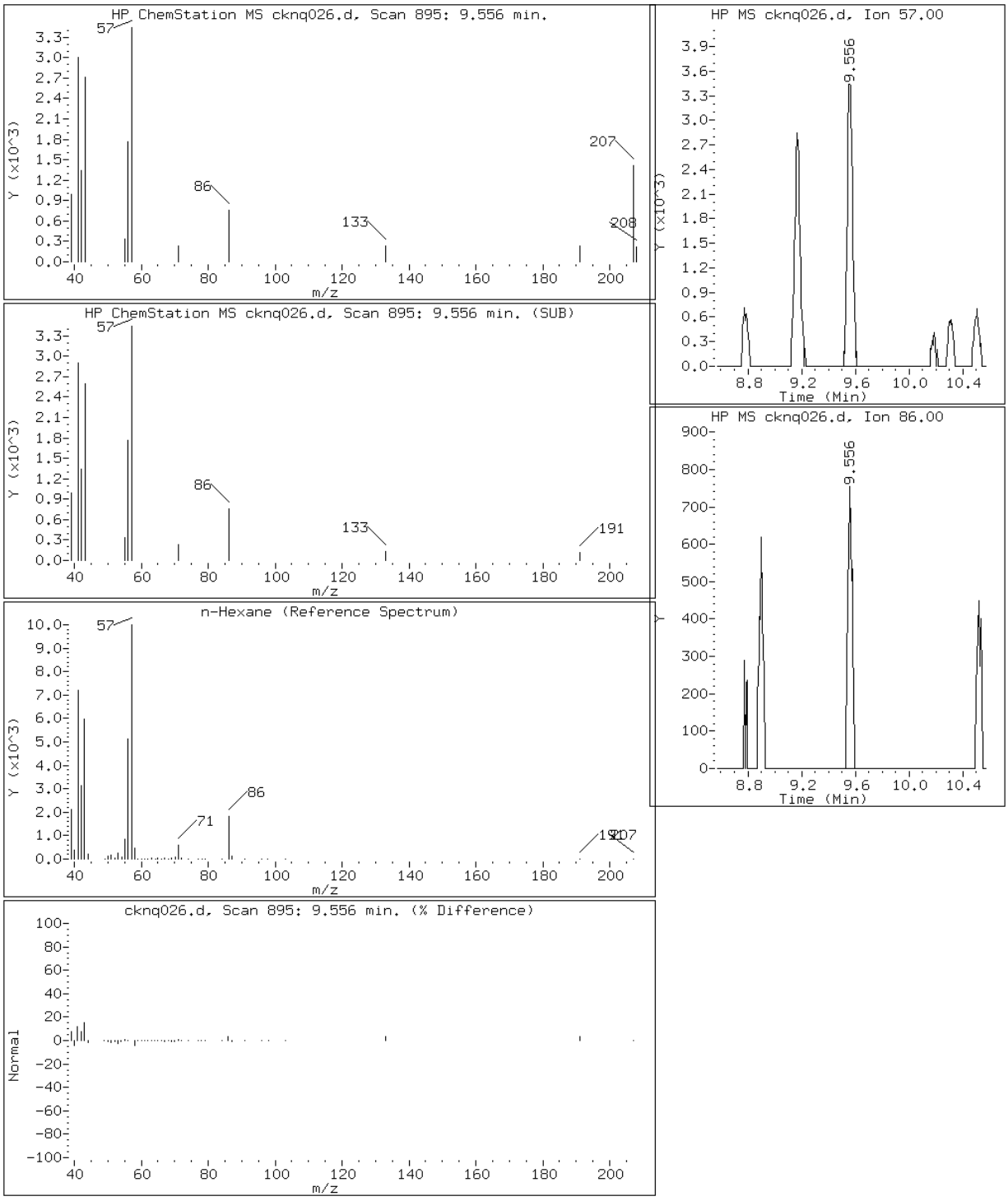
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

30 n-Hexane



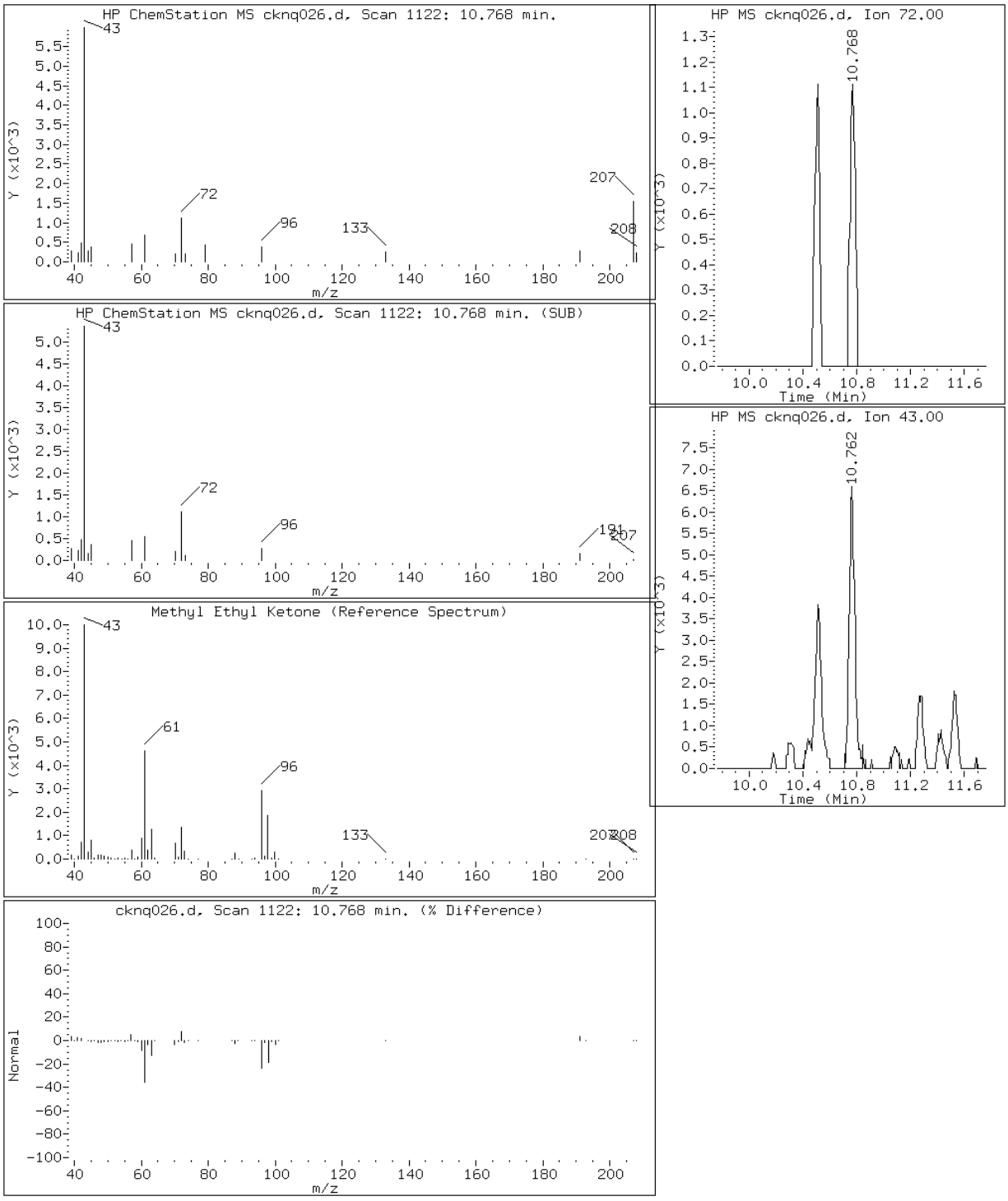
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

36 Methyl Ethyl Ketone



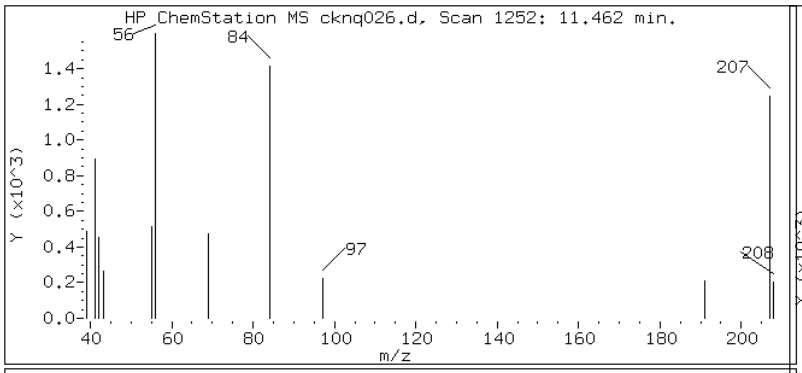
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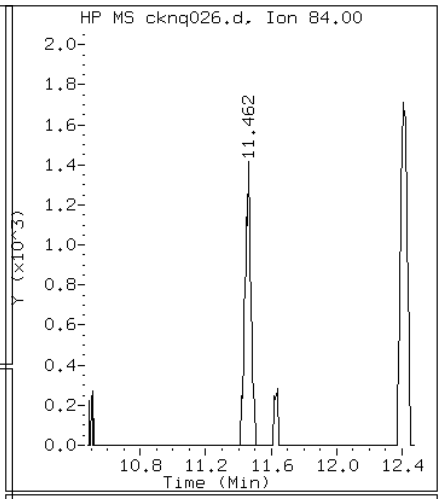
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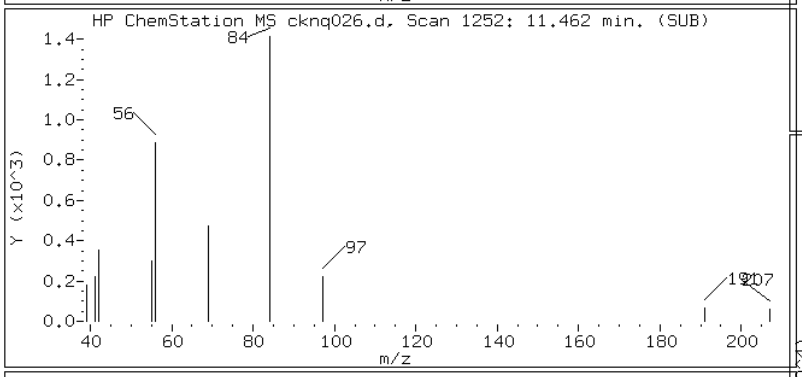
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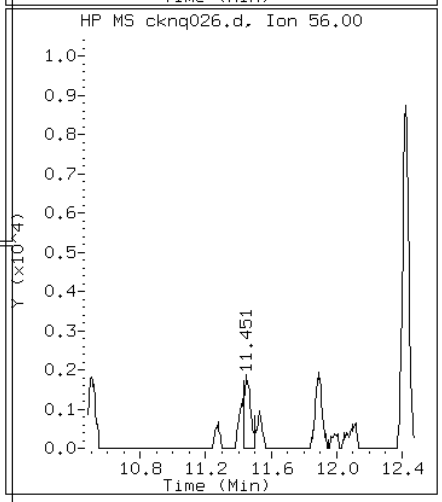
Sample Info: 280-25294-A-5 Operator: wrd

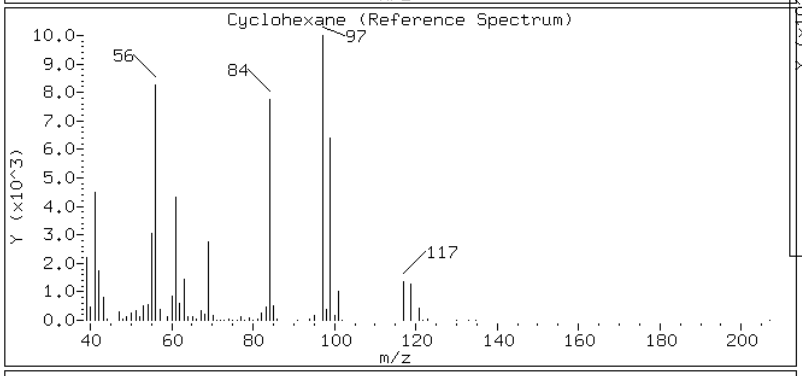
40 Cyclohexane

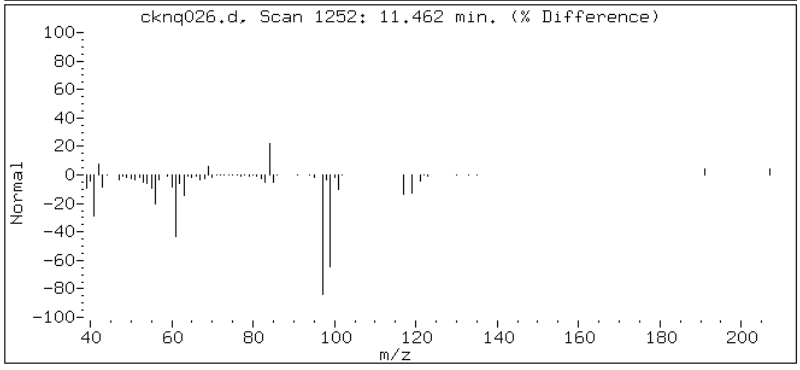












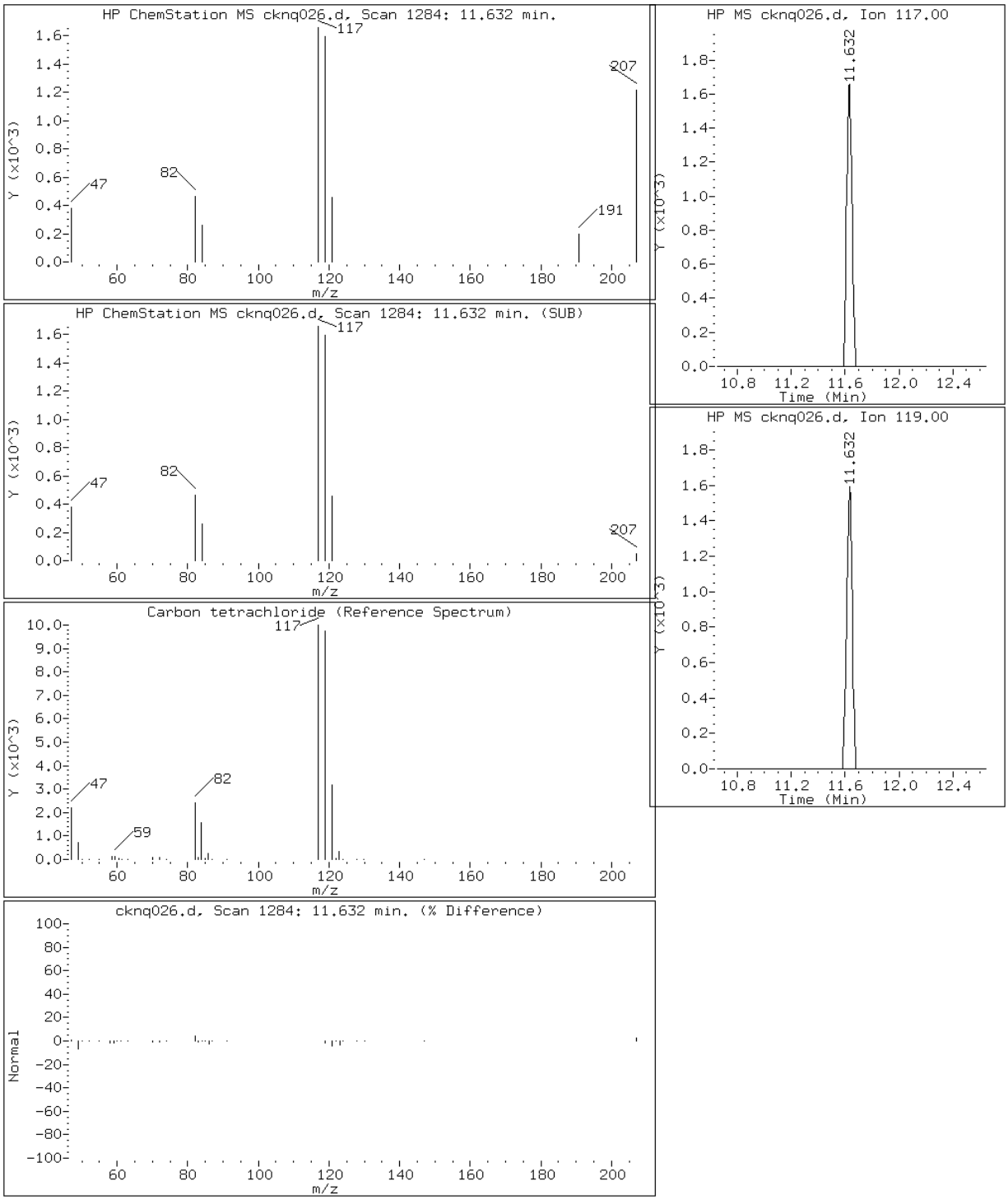
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

42 Carbon tetrachloride



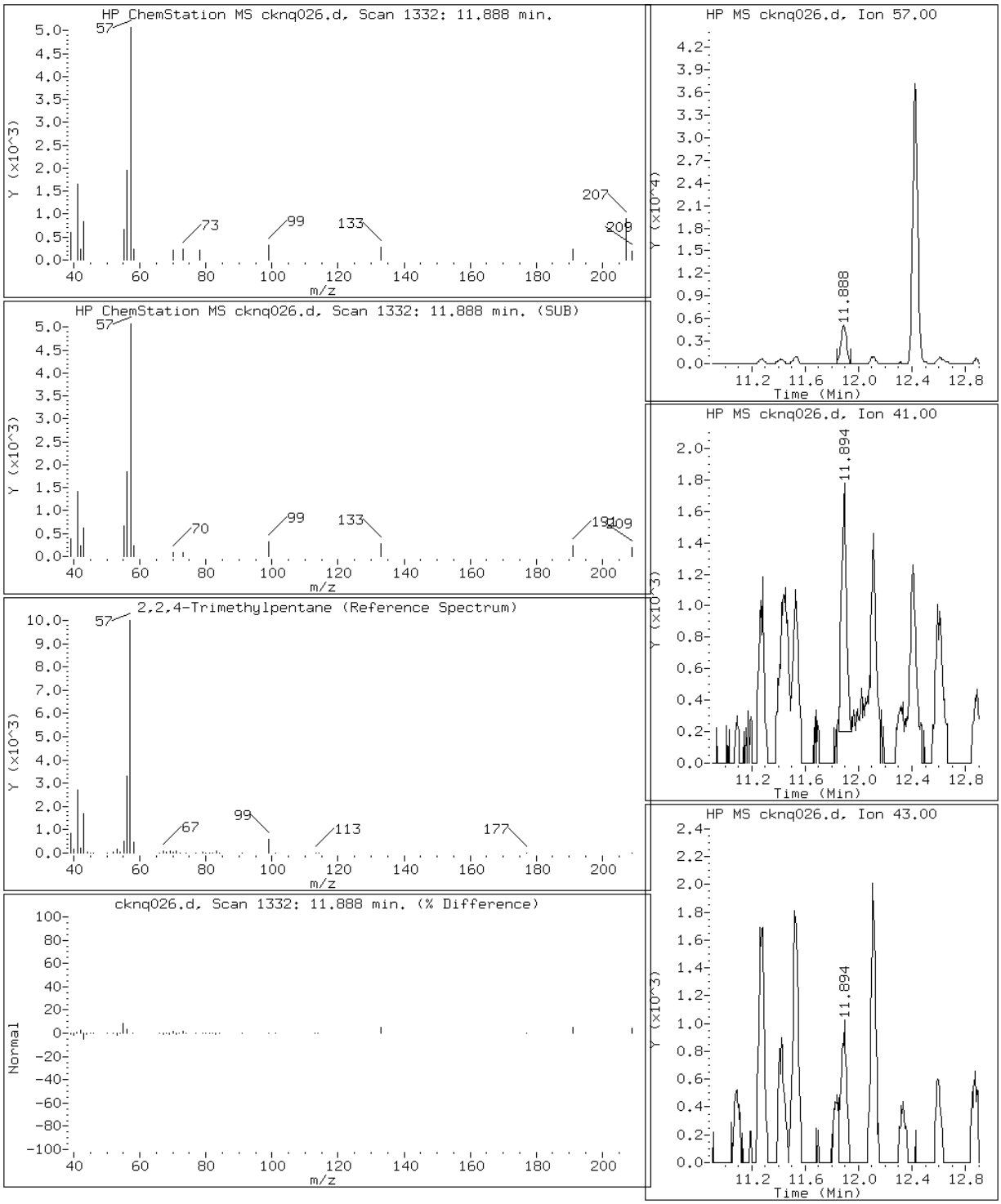
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

43 2,2,4-Trimethylpentane



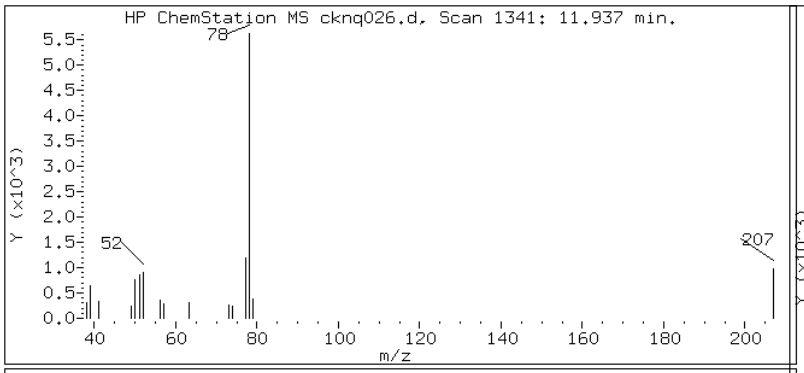
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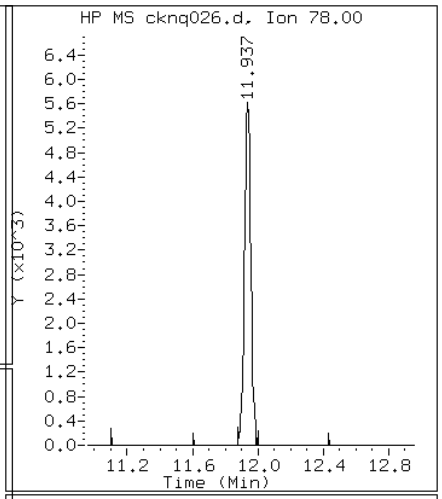
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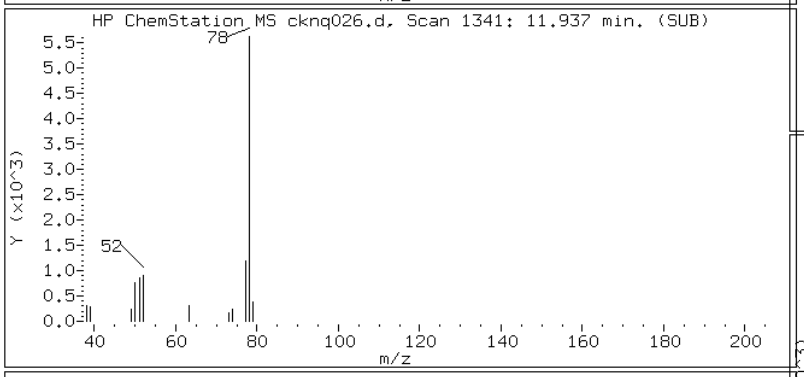
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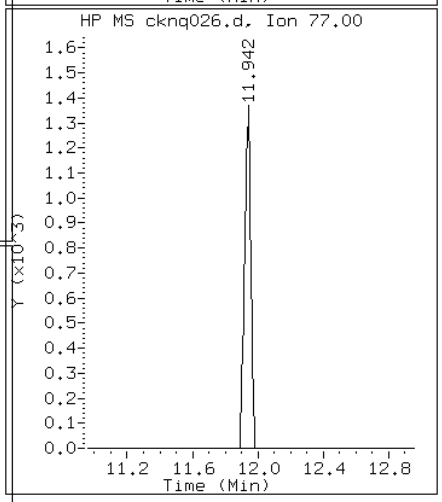
Sample Info: 280-25294-A-5 Operator: wrd

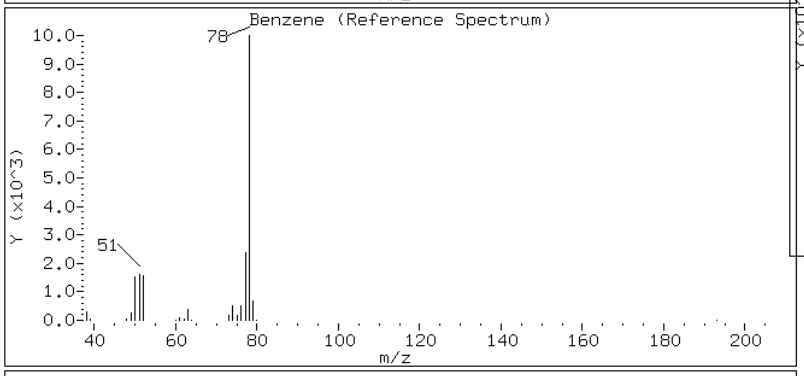
44 Benzene

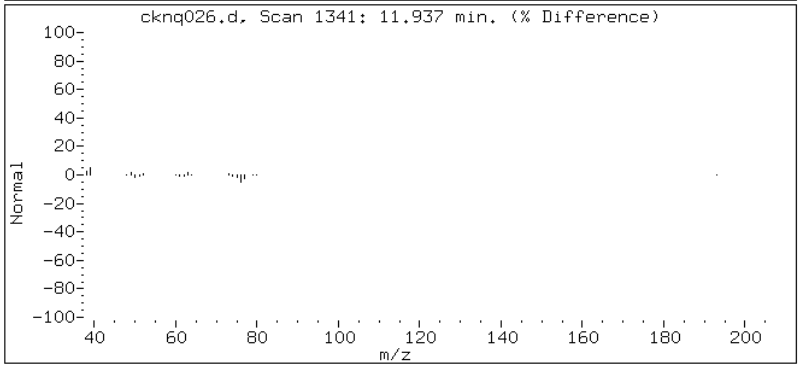












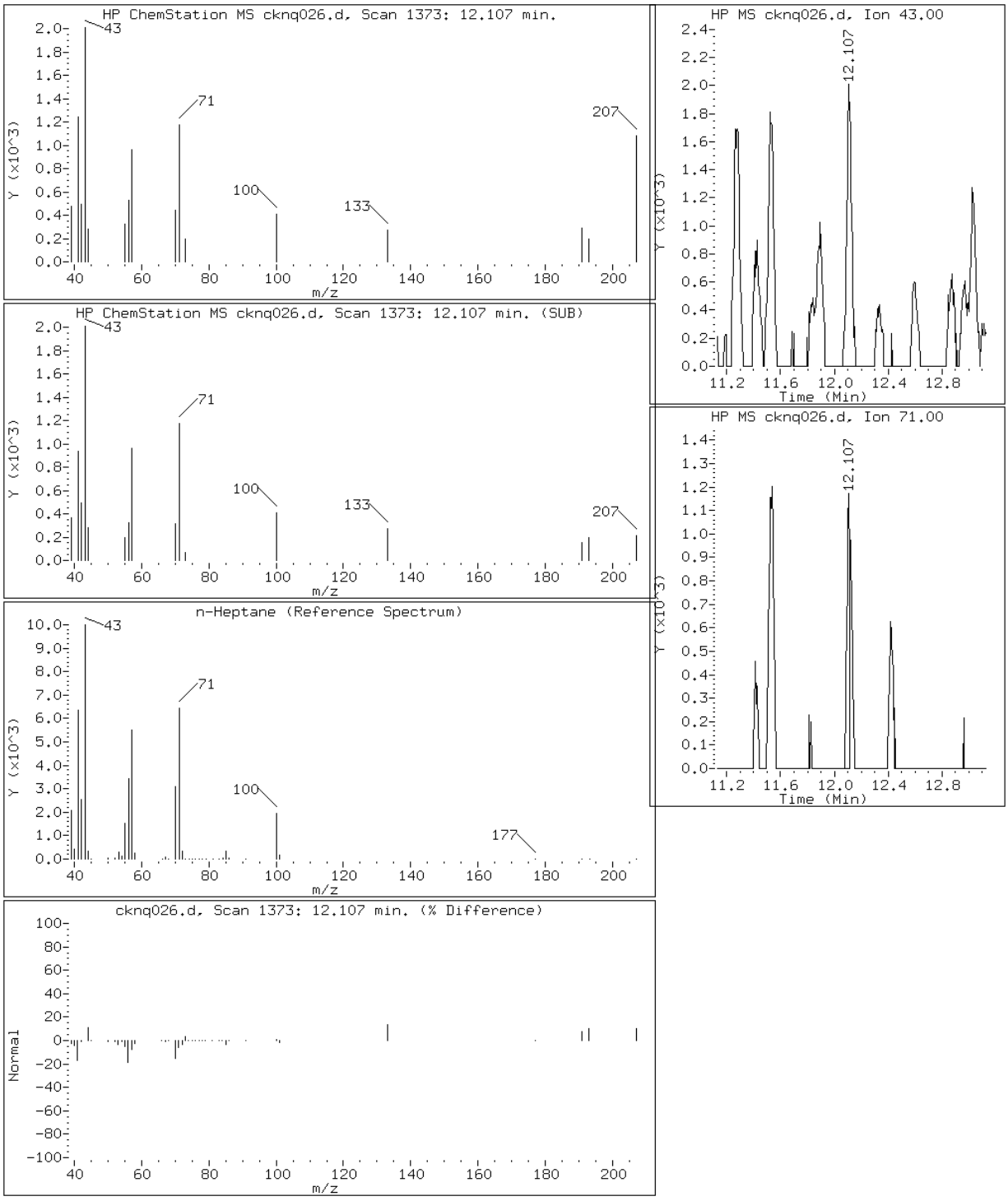
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

46 n-Heptane



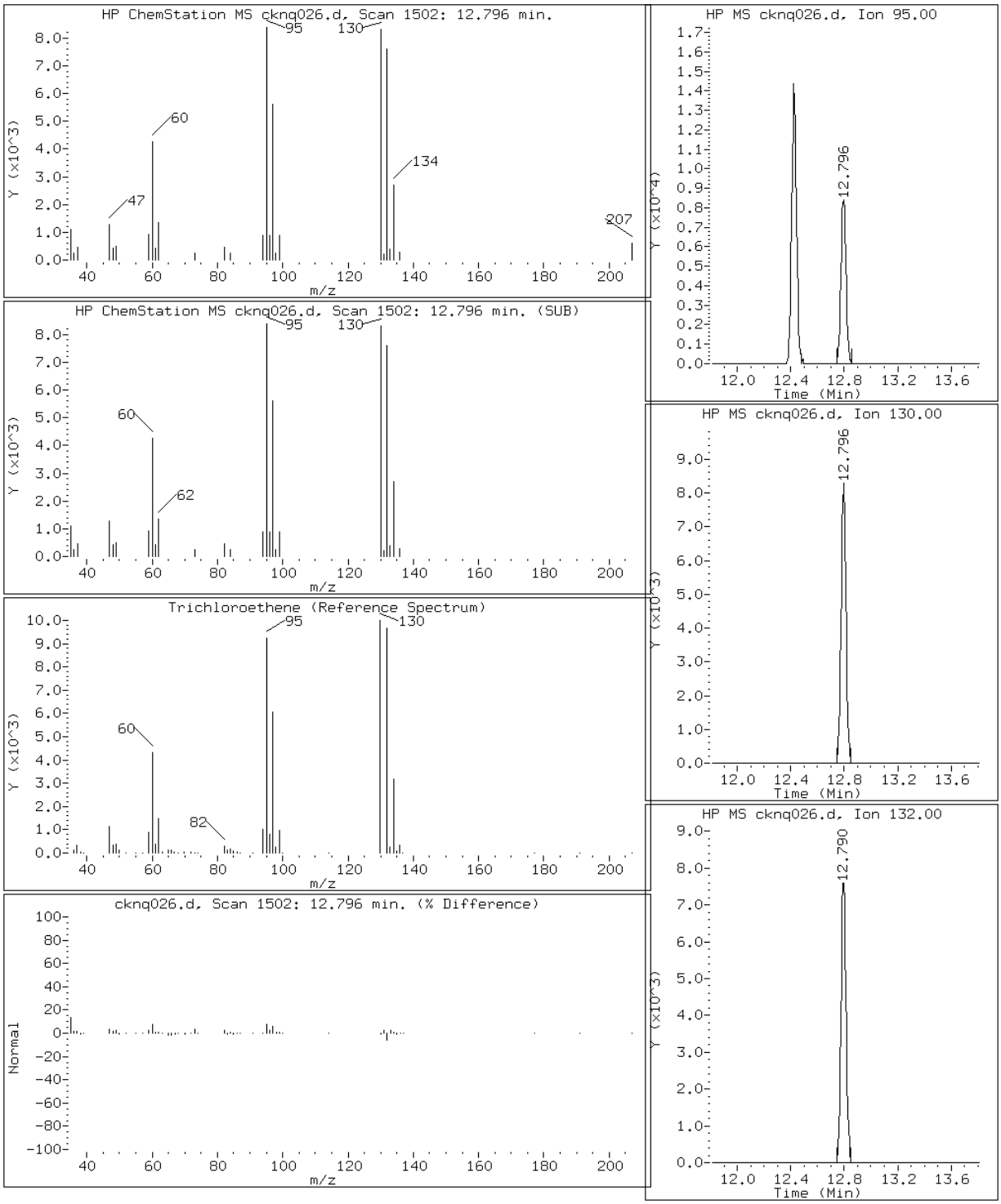
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

49 Trichloroethene



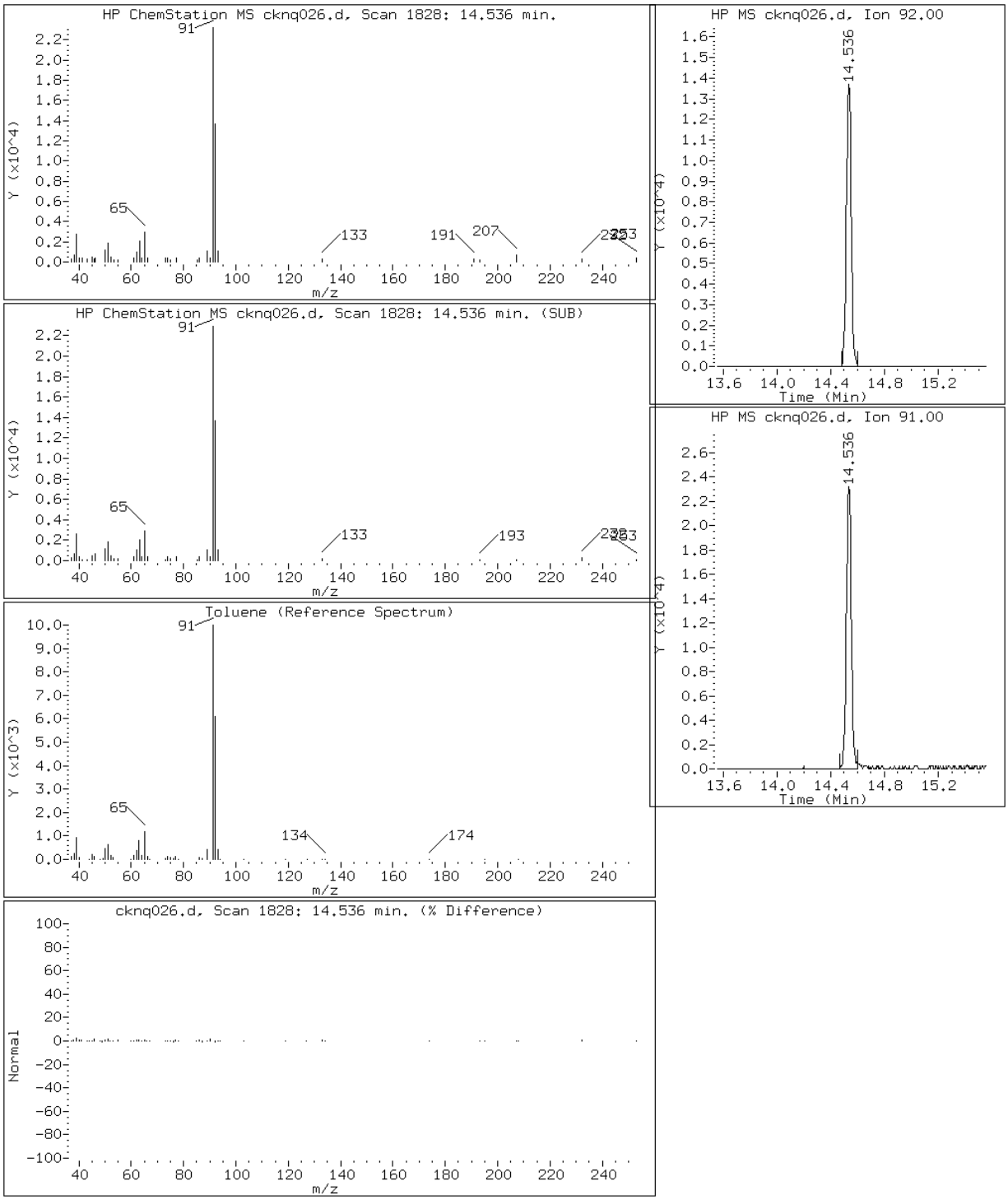
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Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

58 Toluene



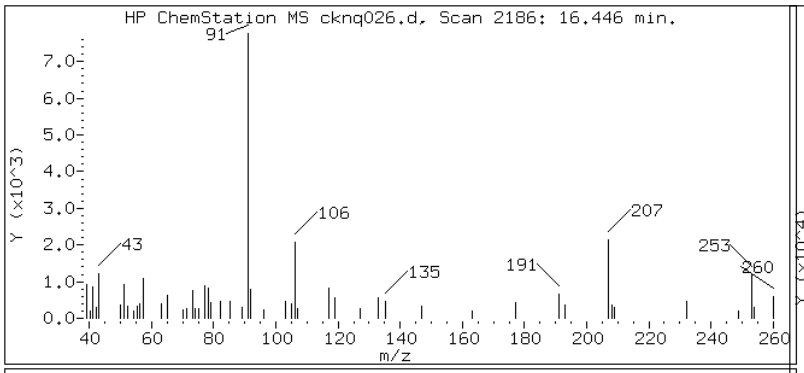
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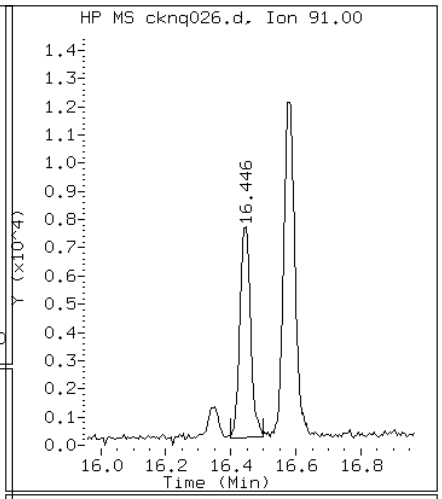
Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

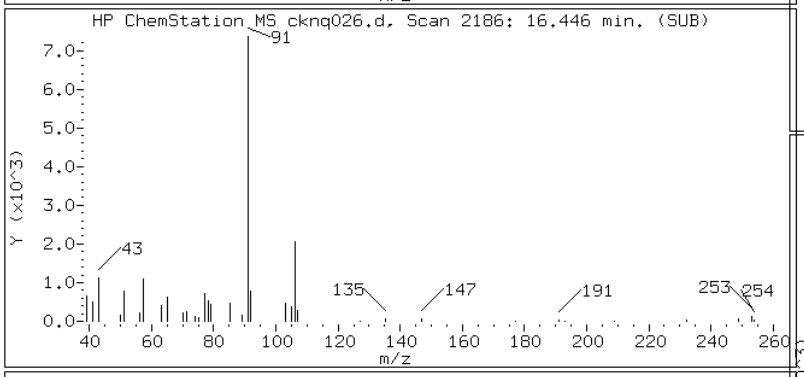
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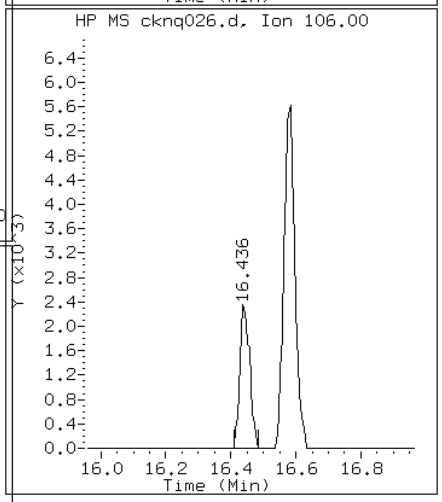
Sample Info: 280-25294-A-5 Operator: wrd

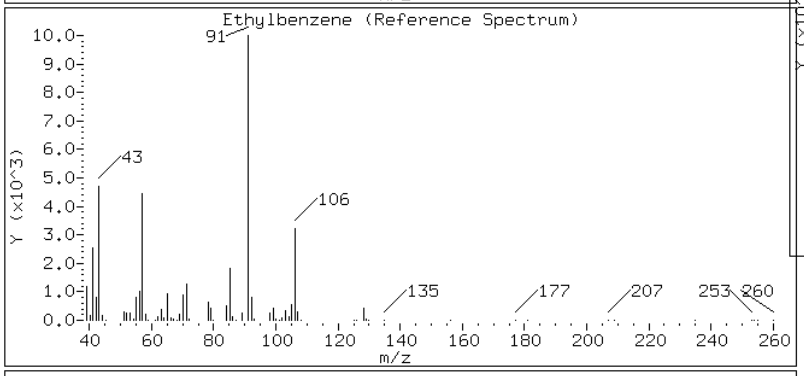
68 Ethylbenzene

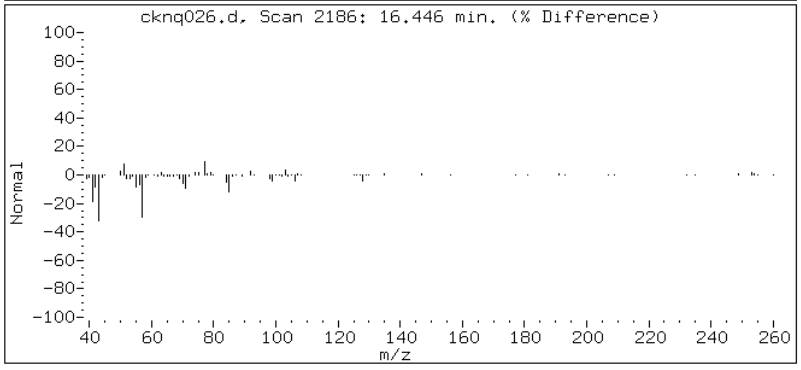












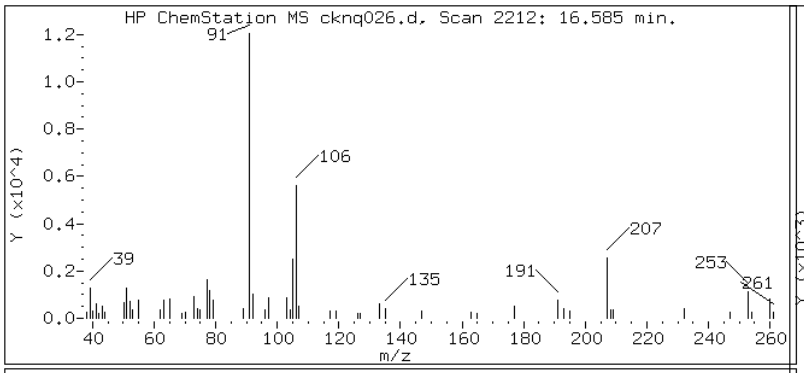
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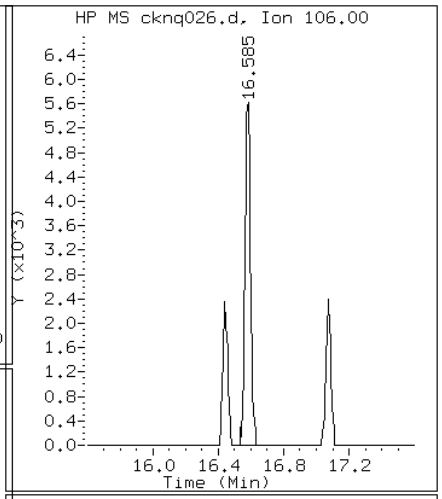
Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

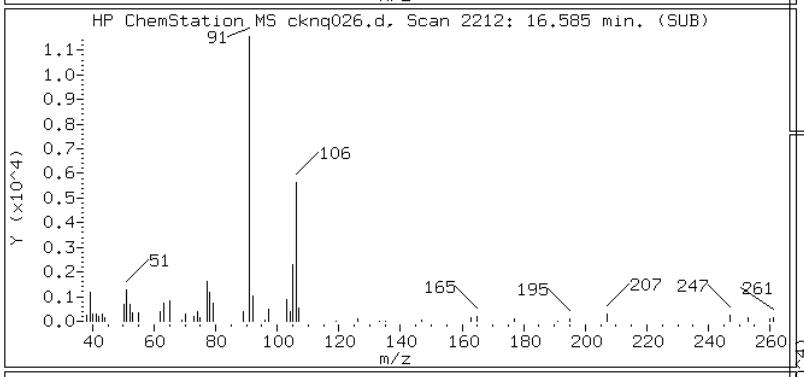
Client ID: 785VMP0401AD Instrument: C.i

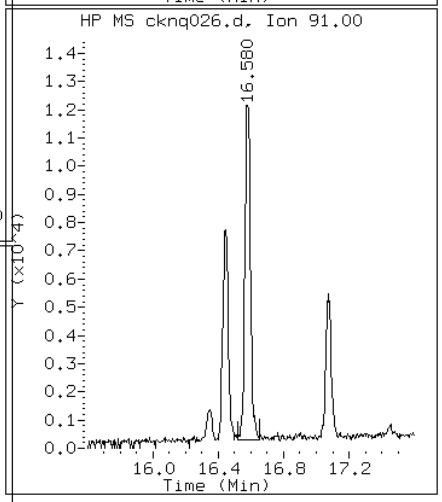
Sample Info: 280-25294-A-5 Operator: wrd

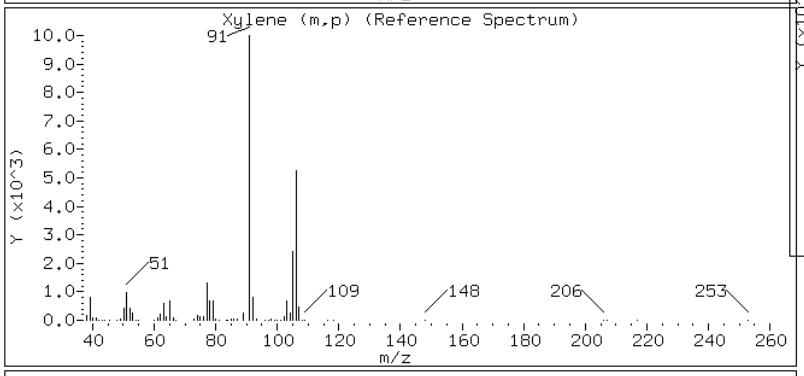
69 Xylene (m,p)

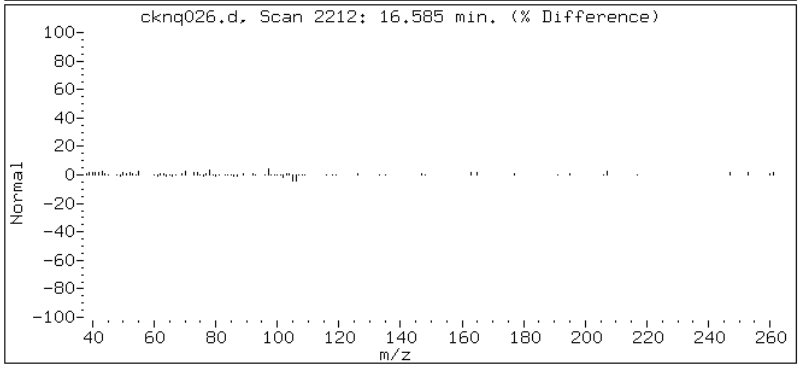












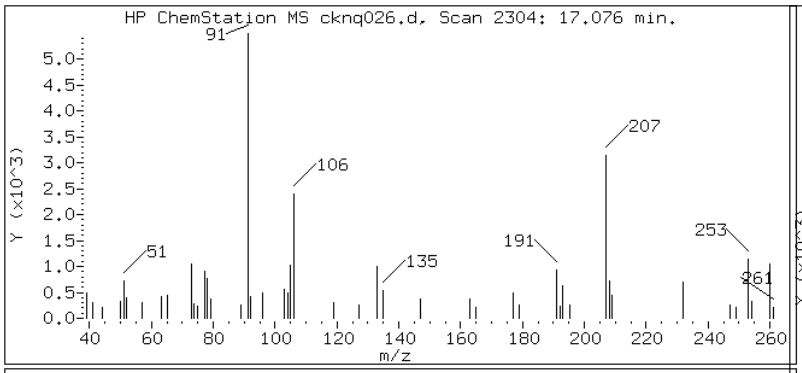
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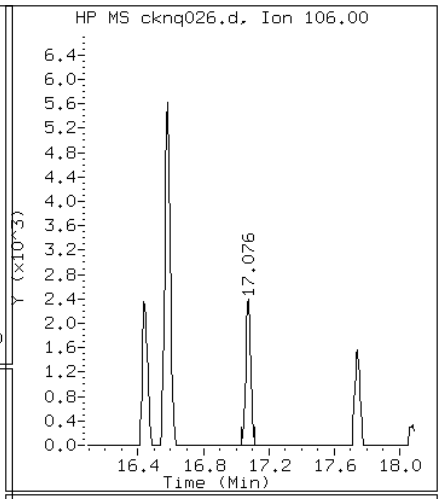
Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

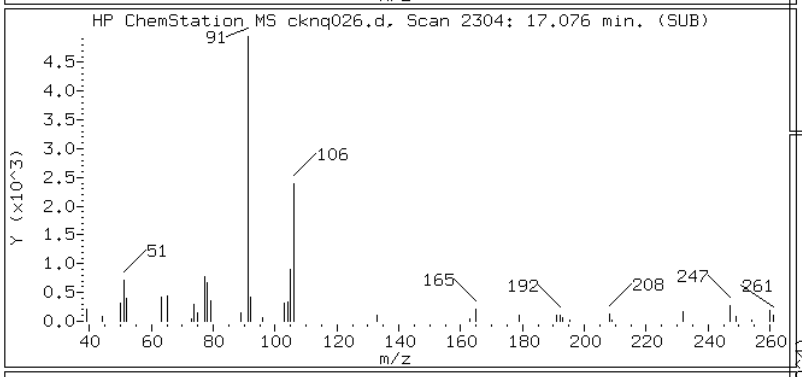
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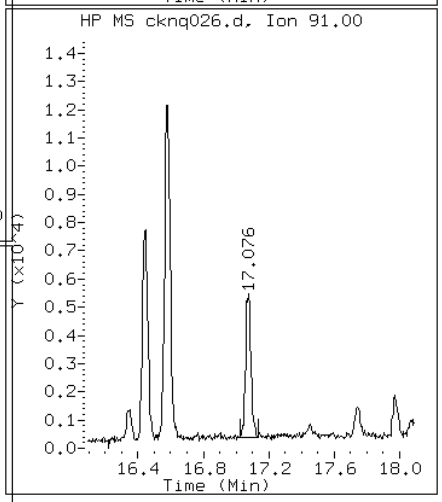
Sample Info: 280-25294-A-5 Operator: wrd

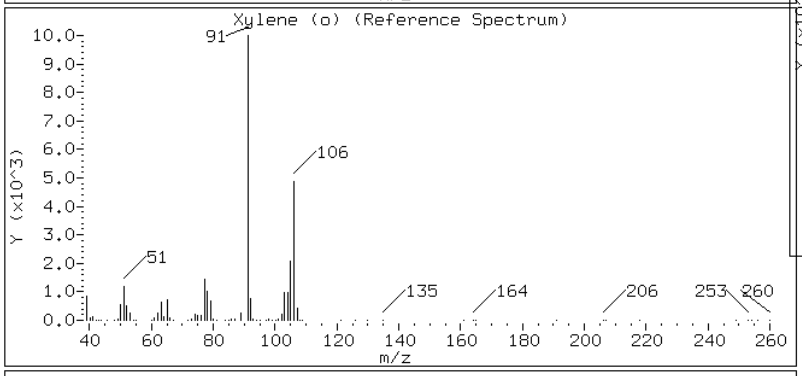
71 Xylene (o)

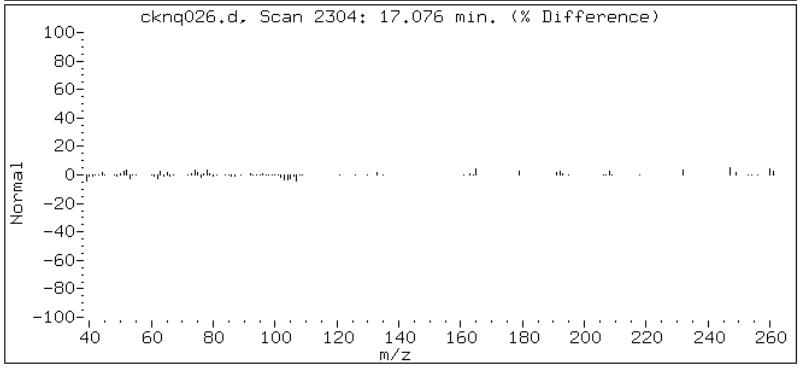












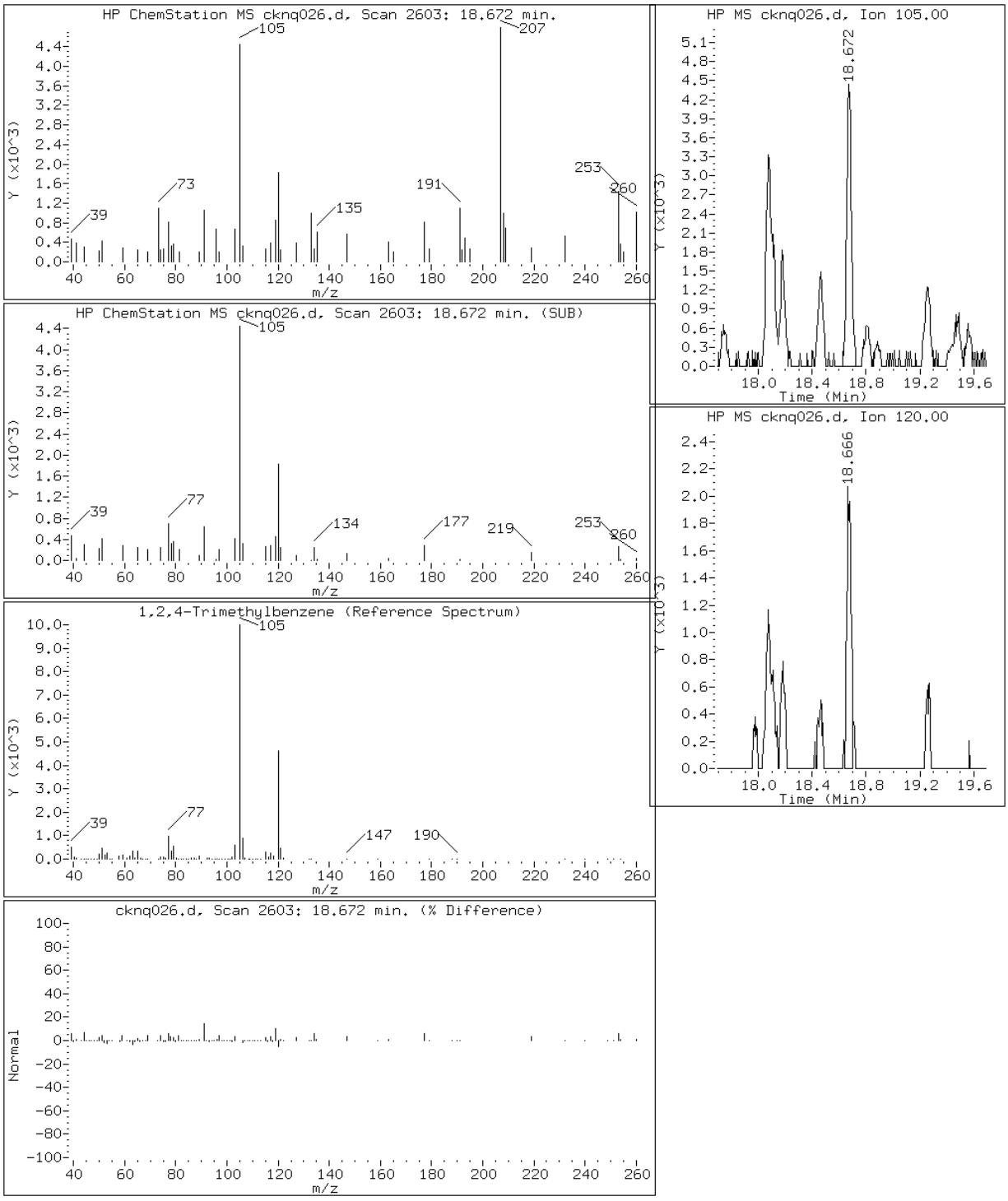
Data File: cknq026.d

Lab Sample ID: 280-25294-5 Date: 07-FEB-2012 06:06

Client ID: 785VMP0401AD Instrument: C.i

Sample Info: 280-25294-A-5 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: cknq026.d
Lab Sample ID: 280-25294-5
Inj. Date and Time: 07-FEB-2012 06:06
Instrument ID: C.i
Client ID: 785VMP0401AD
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 02/08/2012

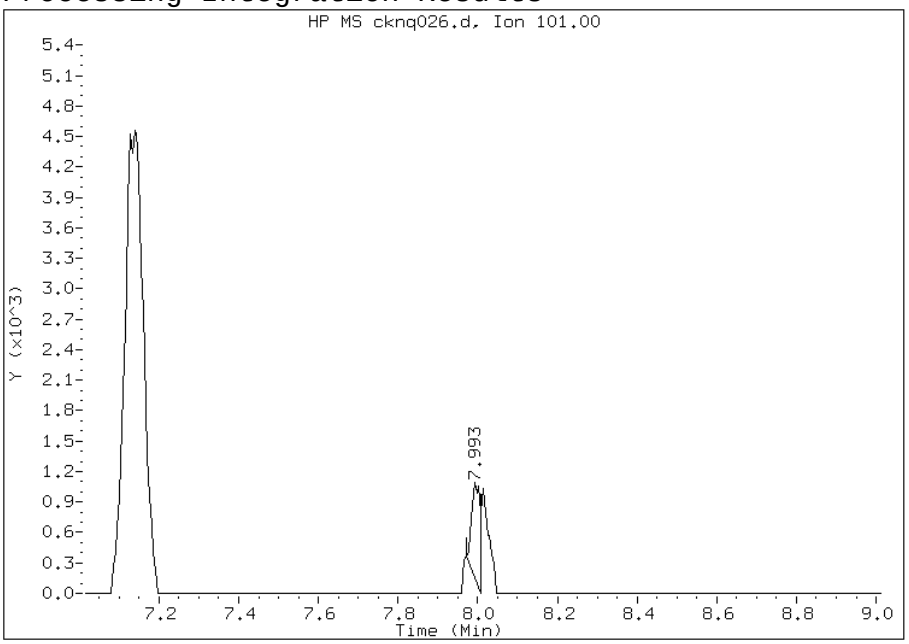
Processing Integration Results

RT: 7.99

Response: 1500

Amount: 0.034984

Conc: 0.034984



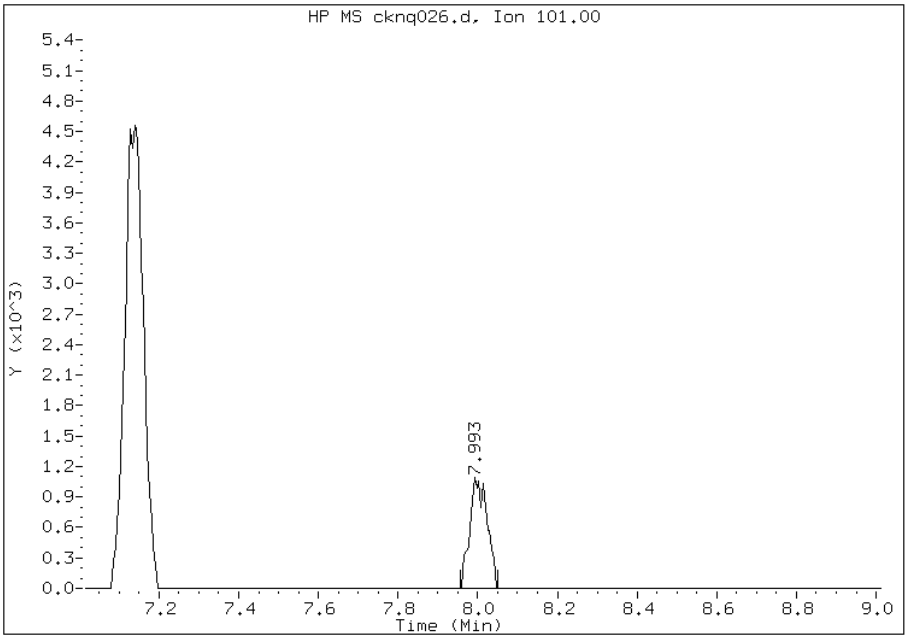
Manual Integration Results

RT: 7.99

Response: 3253

Amount: 0.075869

Conc: 0.075869



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.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0501AC Lab Sample ID: 280-25294-6

Matrix: Air Lab File ID: cknq027.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:22

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:56

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	2.0		0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.98	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.98		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.13	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.070	J	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.097	J M	0.20	0.035
110-82-7	Cyclohexane	84.16	0.31		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.076	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.28		0.20	0.036
71-43-2	Benzene	78.11	0.20		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.17	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0501AC Lab Sample ID: 280-25294-6

Matrix: Air Lab File ID: cknq027.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:22

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:56

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	3.4		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.44		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.42		0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.83		0.50	0.048
95-47-6	Xylene, o-	106.17	0.40		0.20	0.022
1330-20-7	Xylene (total)	106.17	1.2		0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.083	J	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0501AC Lab Sample ID: 280-25294-6

Matrix: Air Lab File ID: cknq027.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:22

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:56

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.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0501AC Lab Sample ID: 280-25294-6

Matrix: Air Lab File ID: cknq027.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:22

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:56

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	4.8		1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	2.3	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	3.5		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.37	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.21	J	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.53	J M	1.1	0.19
110-82-7	Cyclohexane	84.16	1.1		0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.48	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	1.3		0.93	0.17
71-43-2	Benzene	78.11	0.64		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.70	J	0.82	0.041

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

Lab Name: TestAmerica Burlington | Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0501AC | Lab Sample ID: 280-25294-6

Matrix: Air | Lab File ID: cknq027.d

Analysis Method: TO-15 | Date Collected: 01/31/2012 15:22

Sample wt/vol: 200(mL) | Date Analyzed: 02/07/2012 06:56

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.: 33356 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	18		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	1.6		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	1.8		0.87	0.096
179601-23-1	m,p-Xylene	106.17	3.6		2.2	0.21
95-47-6	Xylene, o-	106.17	1.7		0.87	0.096
1330-20-7	Xylene (total)	106.17	5.3		0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.41	J	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: 785VMP0501AC Lab Sample ID: 280-25294-6

Matrix: Air Lab File ID: cknq027.d

Analysis Method: TO-15 Date Collected: 01/31/2012 15:22

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 06:56

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.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25294-6
Client Smp ID: 785VMP0501AC
Inj Date : 07-FEB-2012 06:56
Operator : wrd Inst ID: C.i
Smp Info : 280-25294-A-6
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.057	5.057	(0.455)	32896	0.56667	0.57
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	5.730	5.730	(0.516)	70077	1.99971	2.0(Q)
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	7.149	7.149	(0.644)	14613	0.24851	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.222	8.211	(0.740)	28771	0.98041	0.98(a)
21 Carbon disulfide	76	Compound Not Detected.					

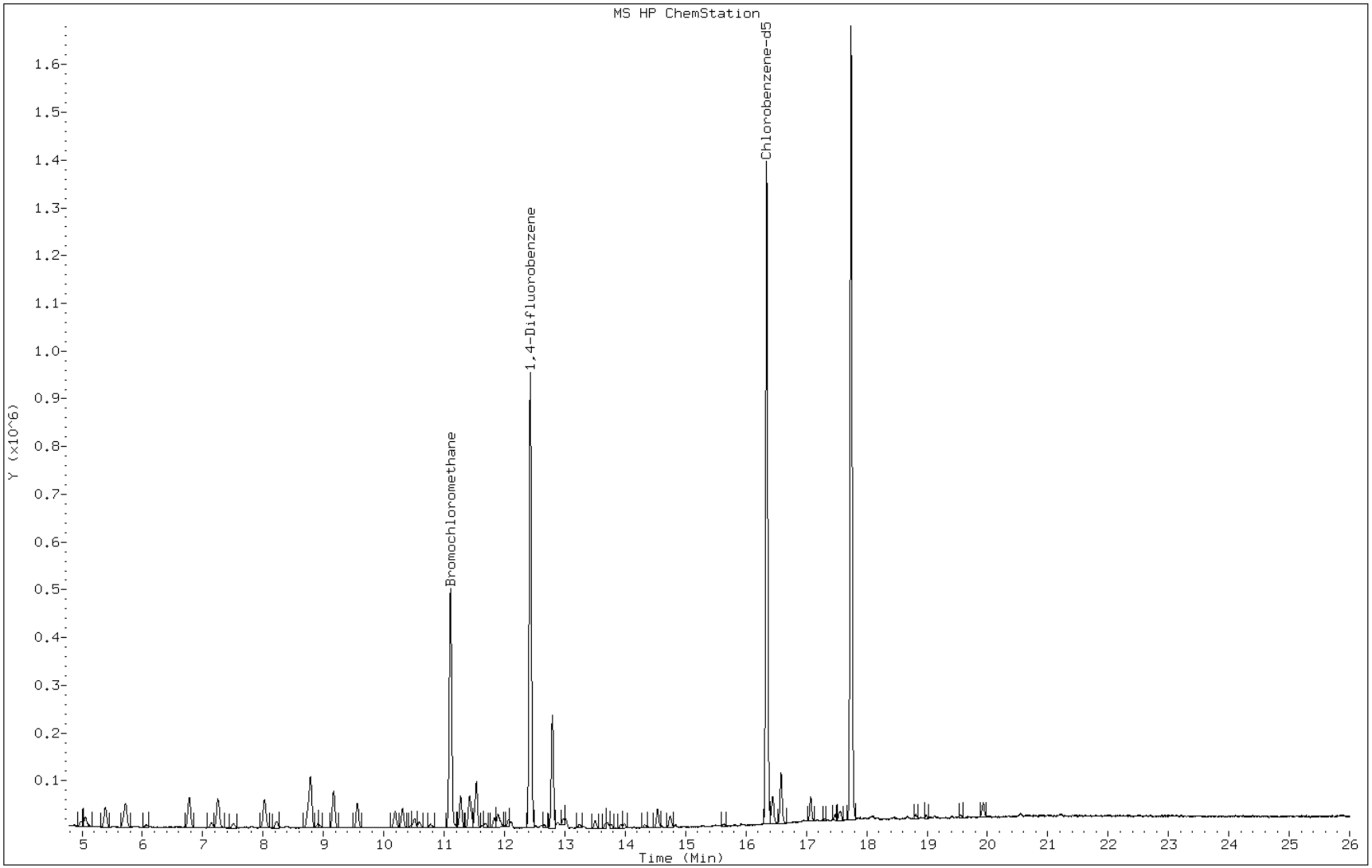
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.562	9.572	(0.861)	35259	0.98457	0.98
	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	10.778	10.762	(0.971)	1362	0.12665	0.13(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	179942	10.0000	
	38 Tetrahydrofuran	42	11.083	11.152	(0.892)	1617	0.07016	0.070(aQ)
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.456	11.477	(0.922)	10421	0.30512	0.31(Q)
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	5176	0.09731	0.097(aM)
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	4099	0.07565	0.076(a)
	43 2,2,4-Trimethylpentane	57	11.894	11.904	(0.957)	32972	0.28364	0.28
	44 Benzene	78	11.936	11.958	(0.960)	14823	0.20008	0.20
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.113	12.129	(0.975)	7321	0.16984	0.17(a)
*	47 1,4-Difluorobenzene	114	12.427	12.443	(1.000)	1039552	10.0000	
	49 Trichloroethene	95	12.796	12.812	(1.030)	112827	3.39952	3.4
	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	14.530	14.557	(0.889)	24312	0.43539	0.44
	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	16.345	16.366	(1.000)	1005739	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	16.441	16.462	(1.006)	52356	0.42355	0.42
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	40508	0.83369	0.83
M	70 Xylenes, Total	106				58885	1.23018	1.2
	71 Xylene (o)	106	17.076	17.092	(1.045)	18377	0.39649	0.40
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	17.476	17.497	(1.069)	11090	0.08251	0.083(a)
	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:	cknq027.d	Date:	07-FEB-2012 06:56
Client ID:	785VMP0501AC	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25294-A-6		
Lab Sample ID:	280-25294-6		



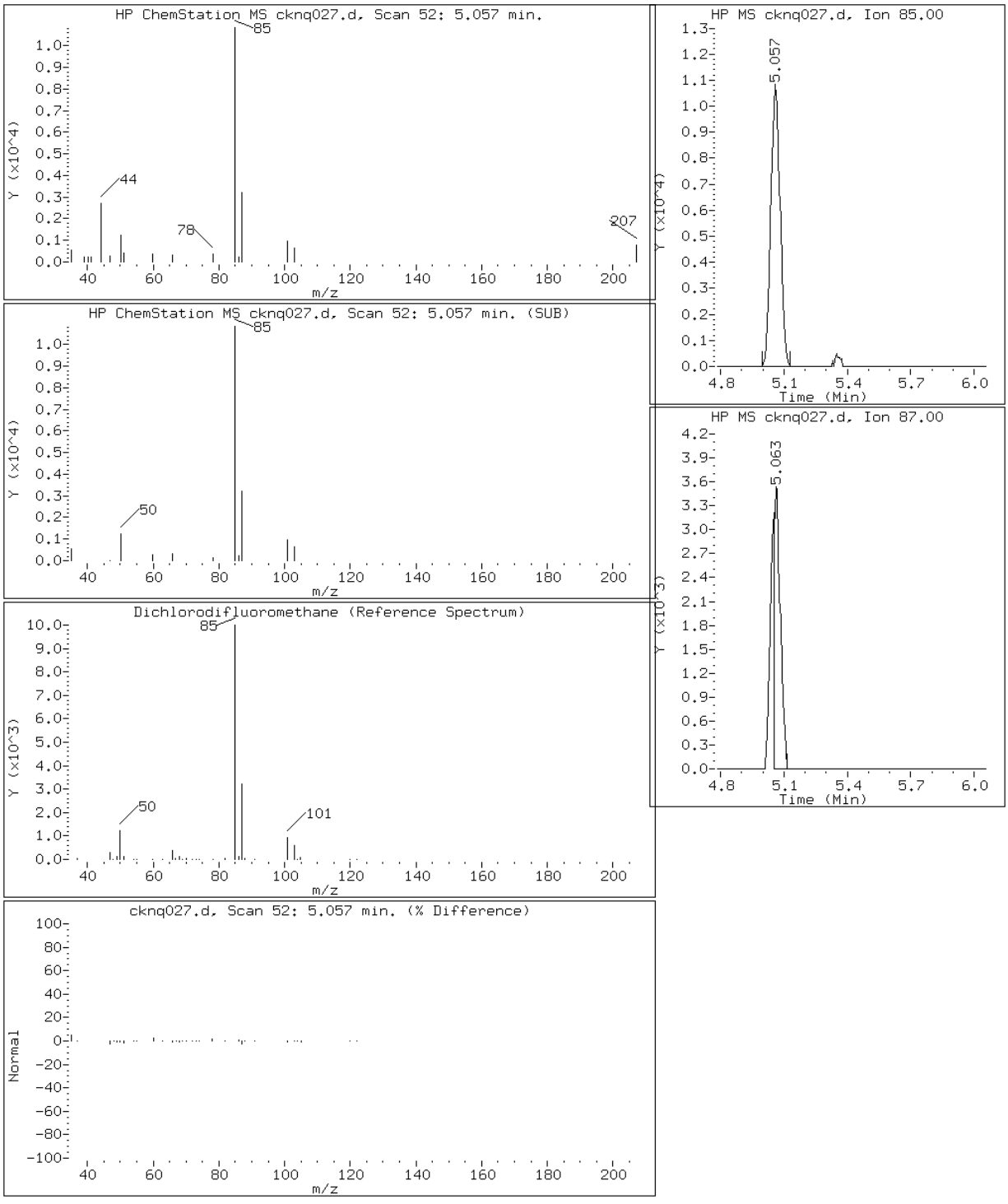
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

2 Dichlorodifluoromethane



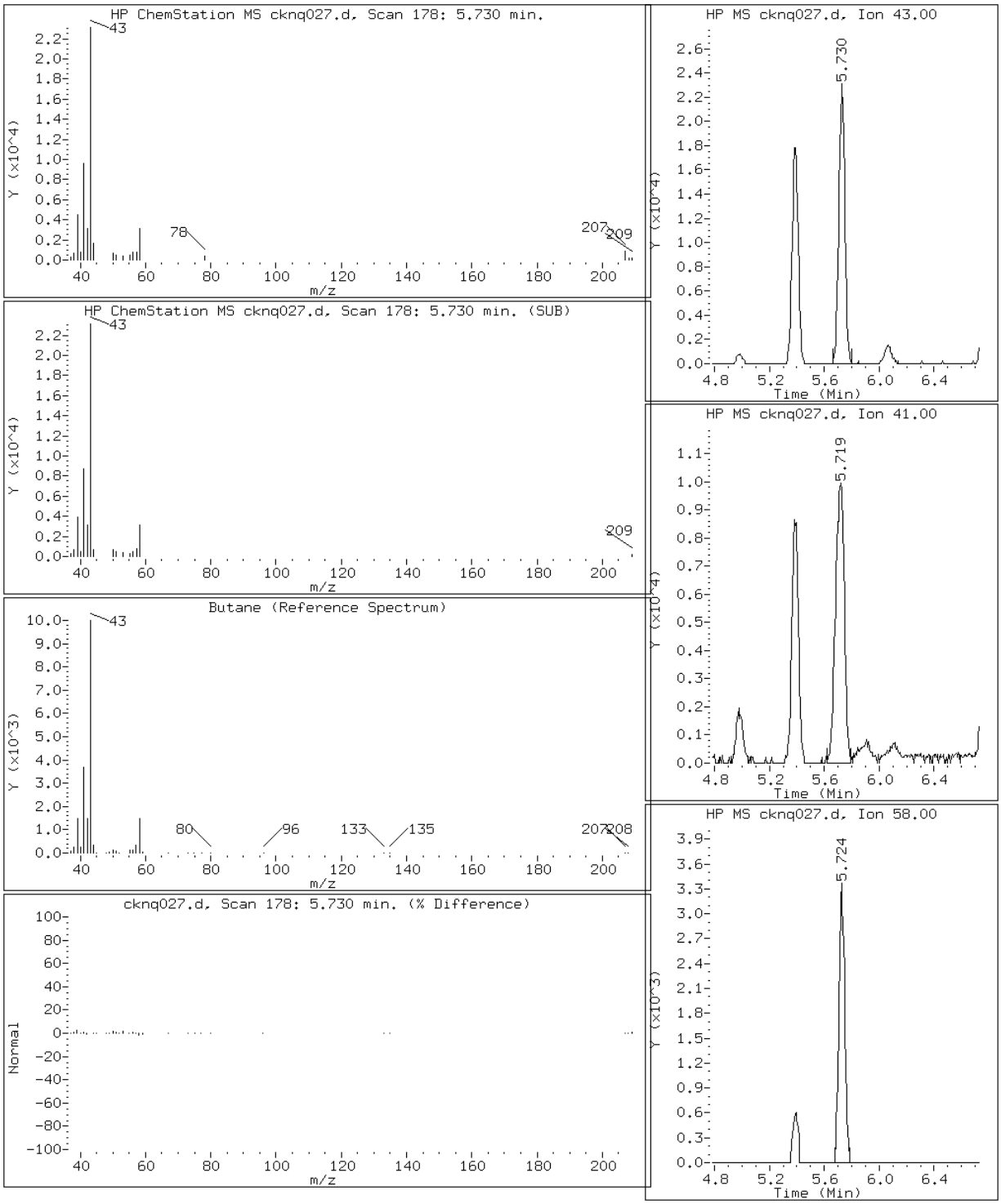
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Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

6 Butane



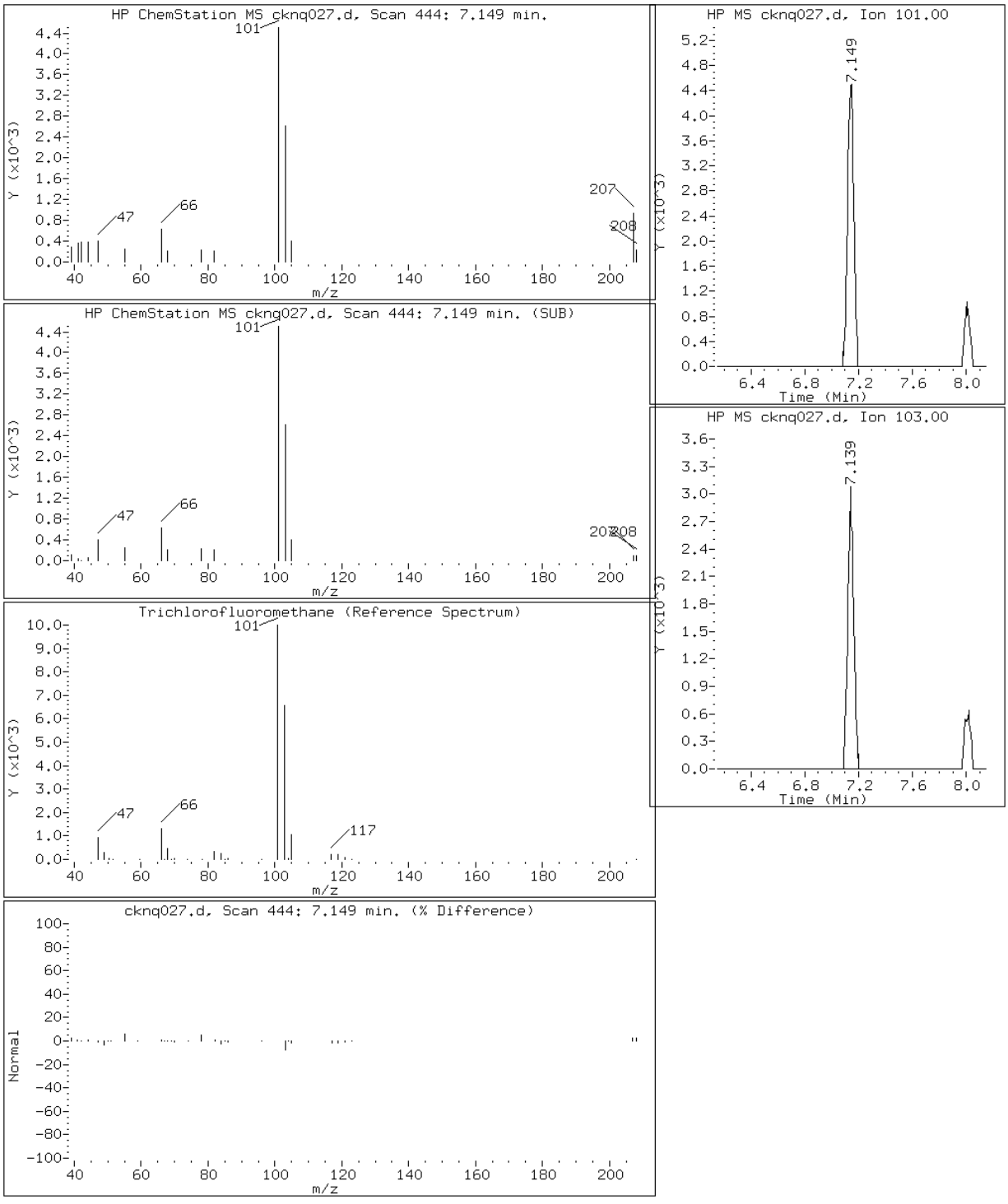
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Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

13 Trichlorofluoromethane



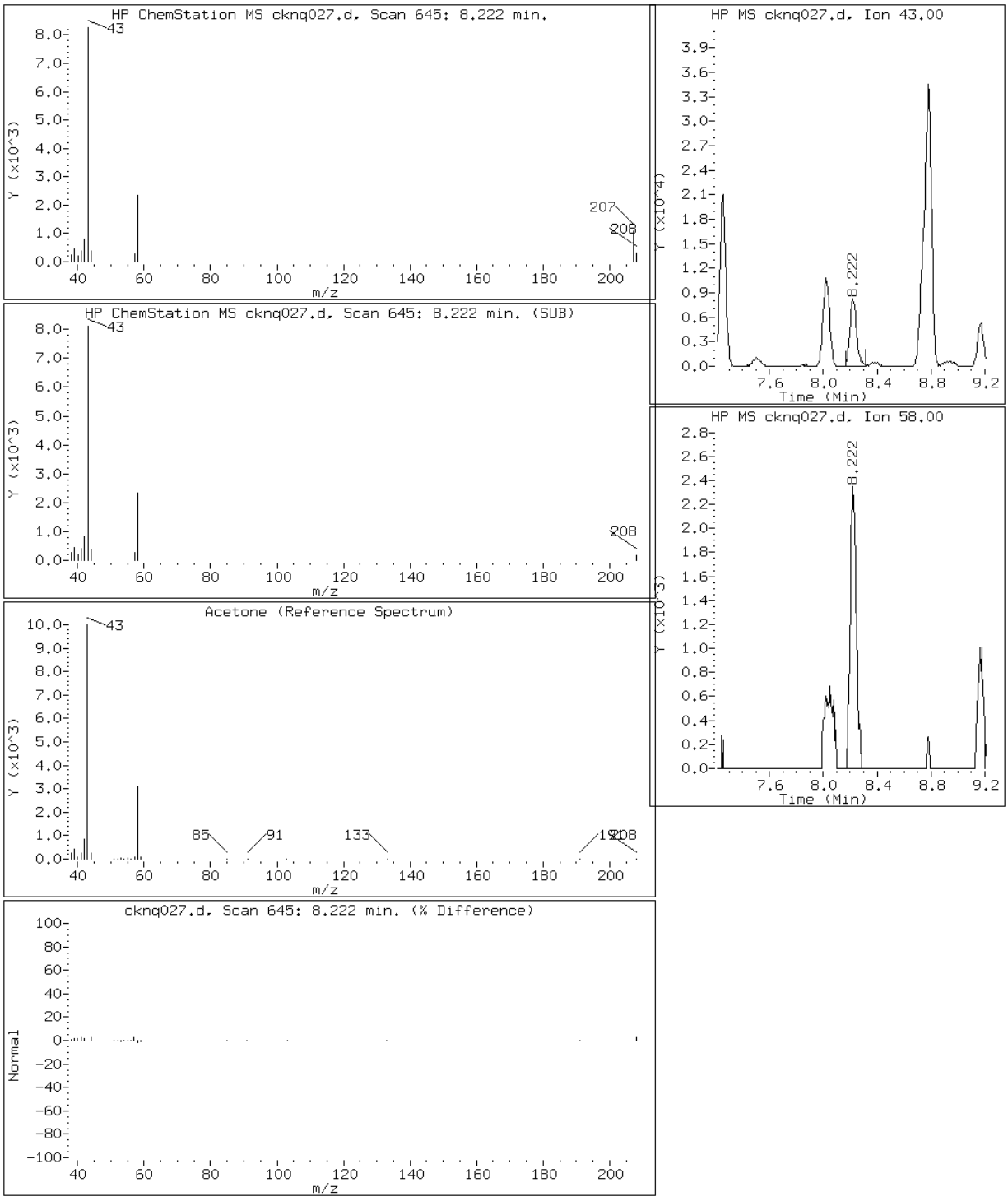
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

20 Acetone



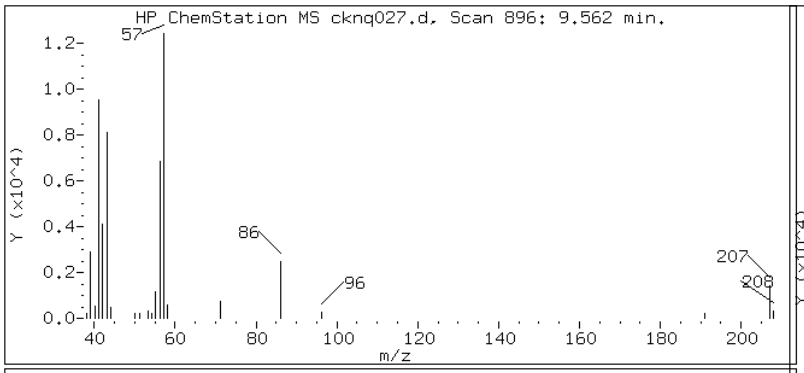
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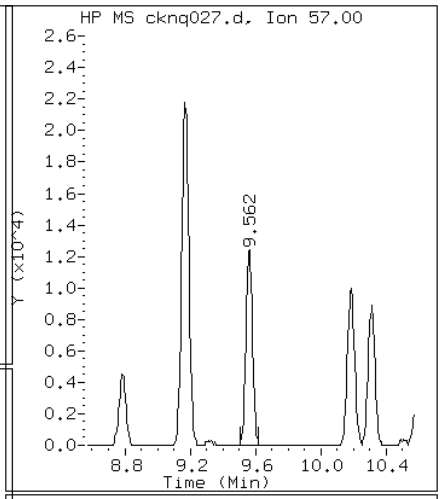
Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

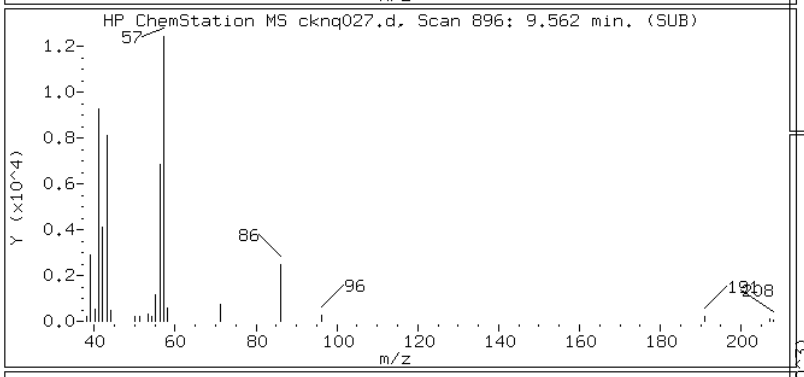
Client ID: 785VMP0501AC Instrument: C.i

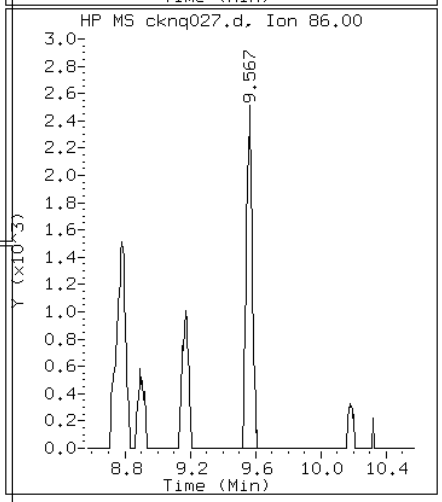
Sample Info: 280-25294-A-6 Operator: wrd

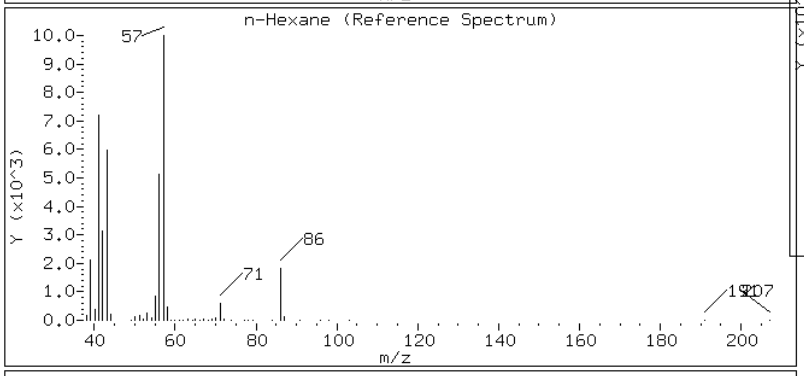
30 n-Hexane

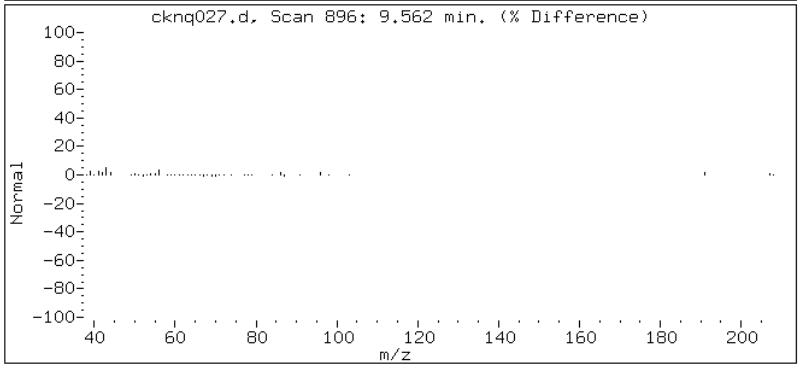












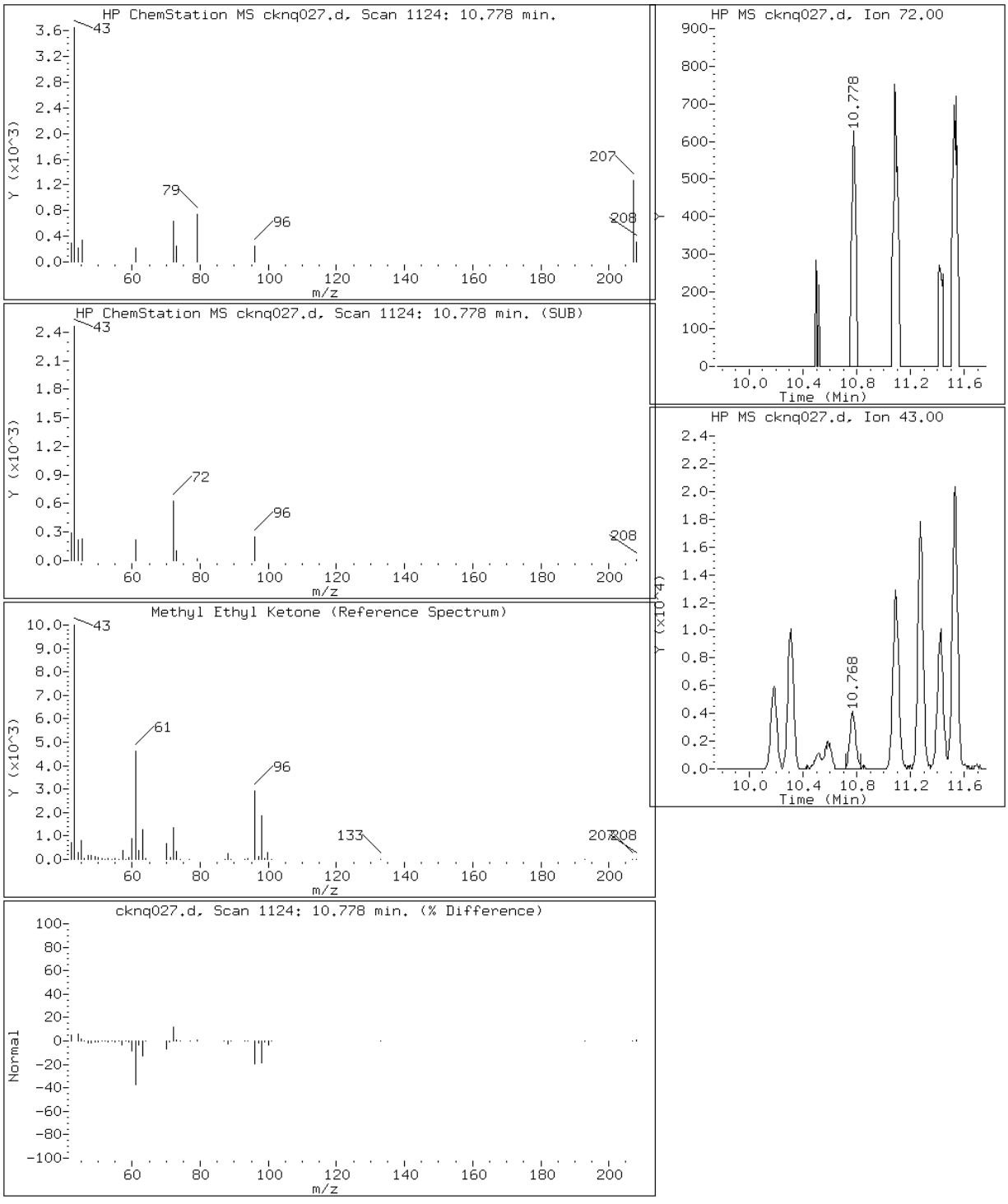
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

36 Methyl Ethyl Ketone



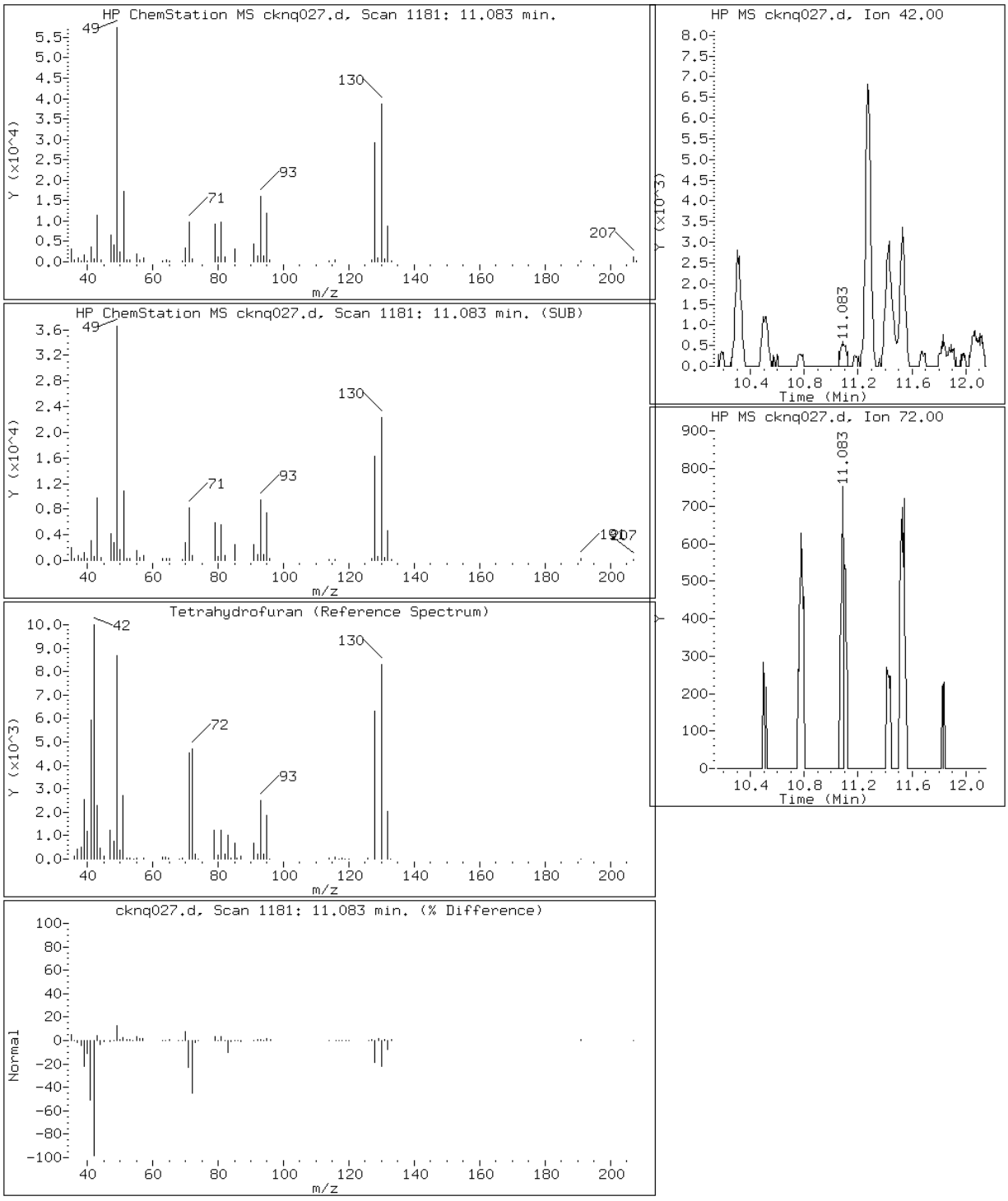
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

38 Tetrahydrofuran



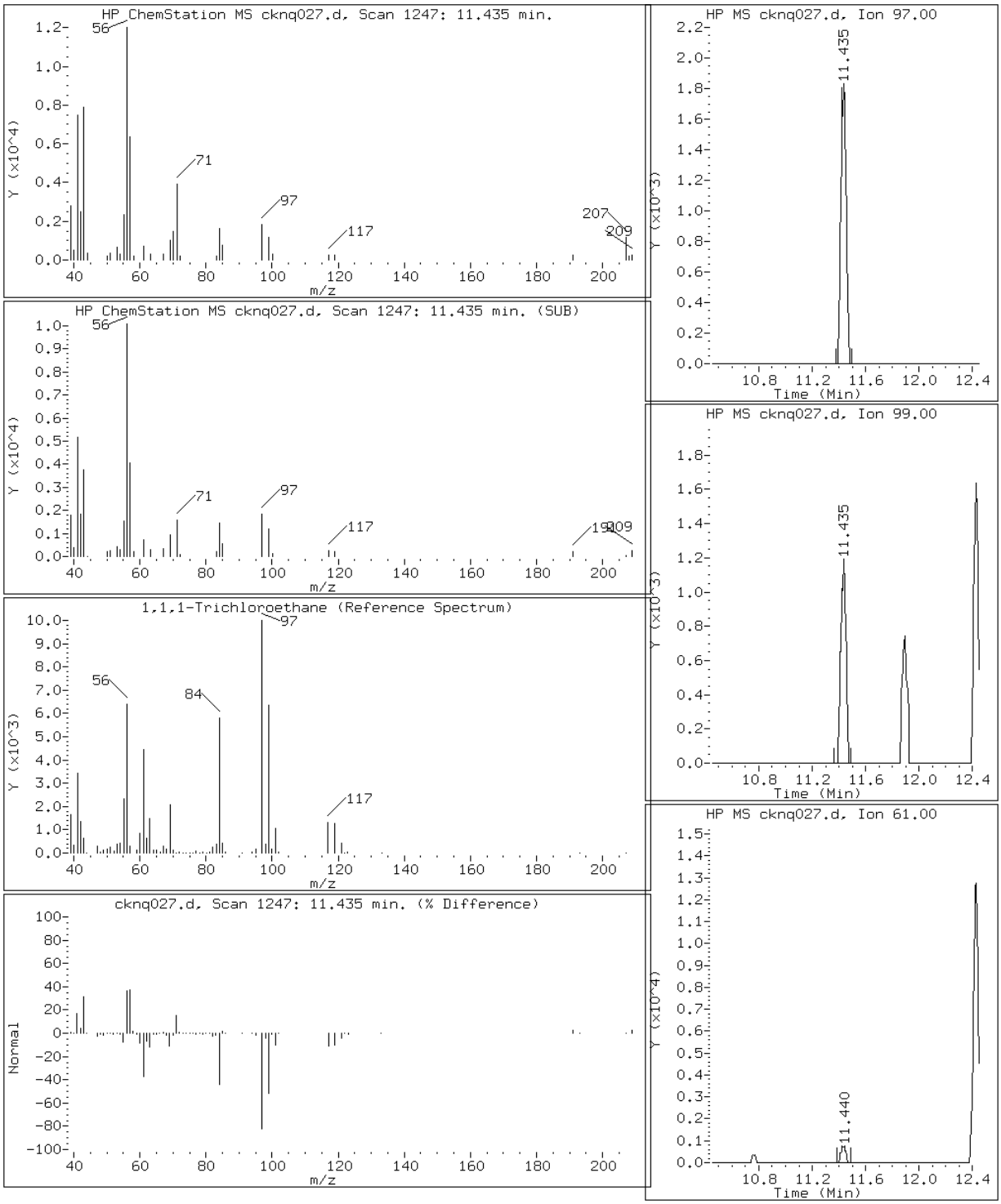
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

41 1,1,1-Trichloroethane



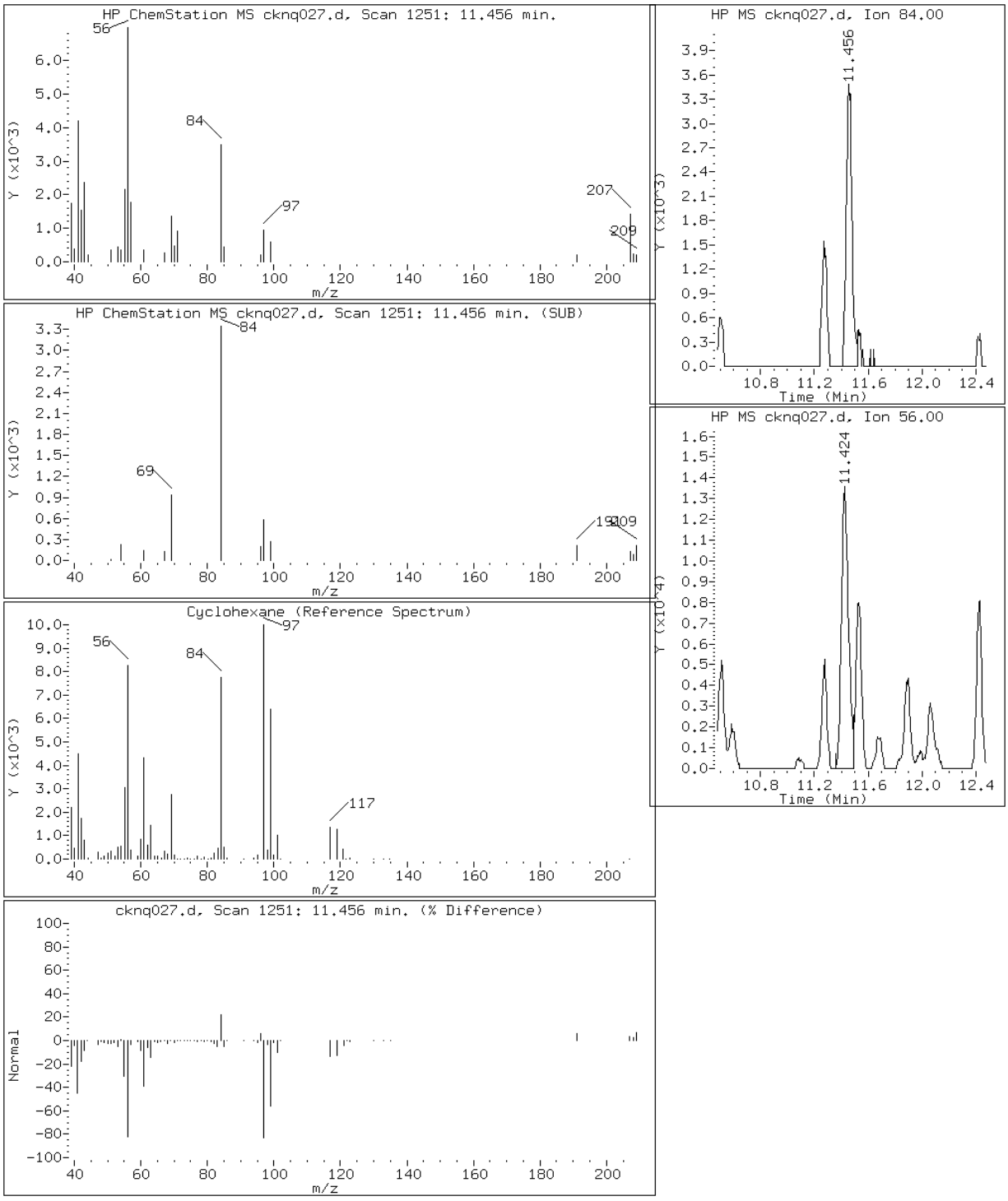
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

40 Cyclohexane



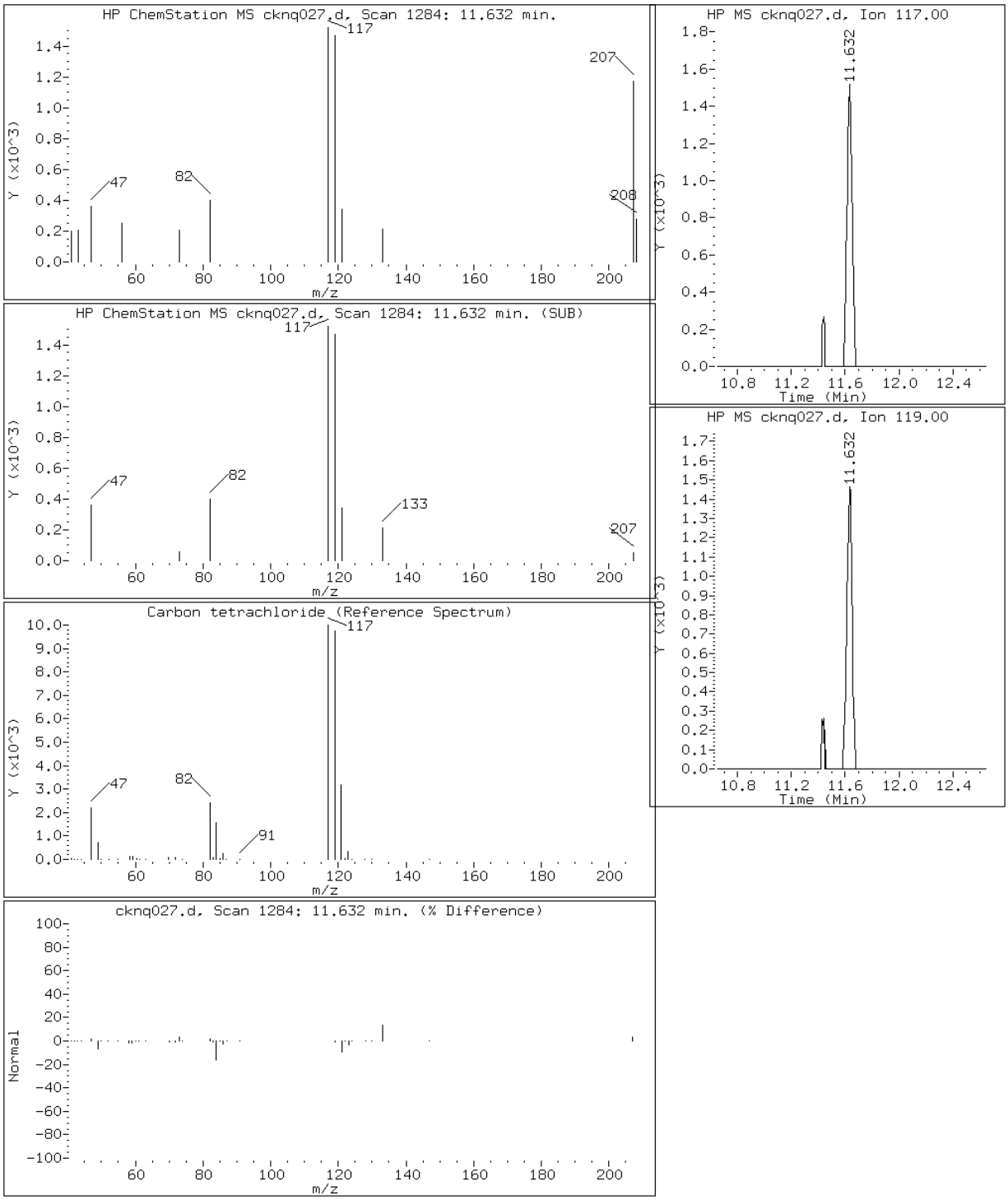
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Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

42 Carbon tetrachloride



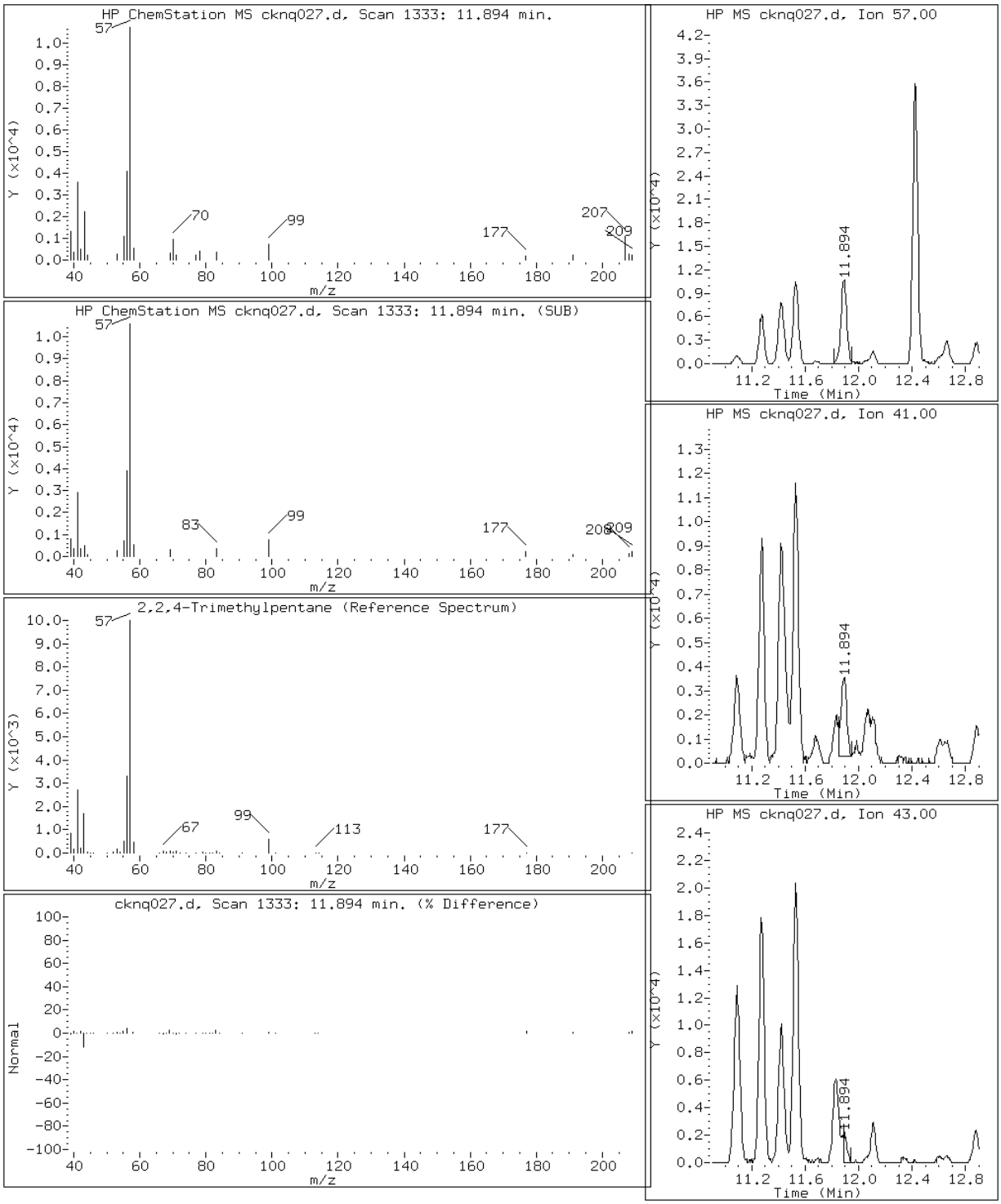
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

43 2,2,4-Trimethylpentane



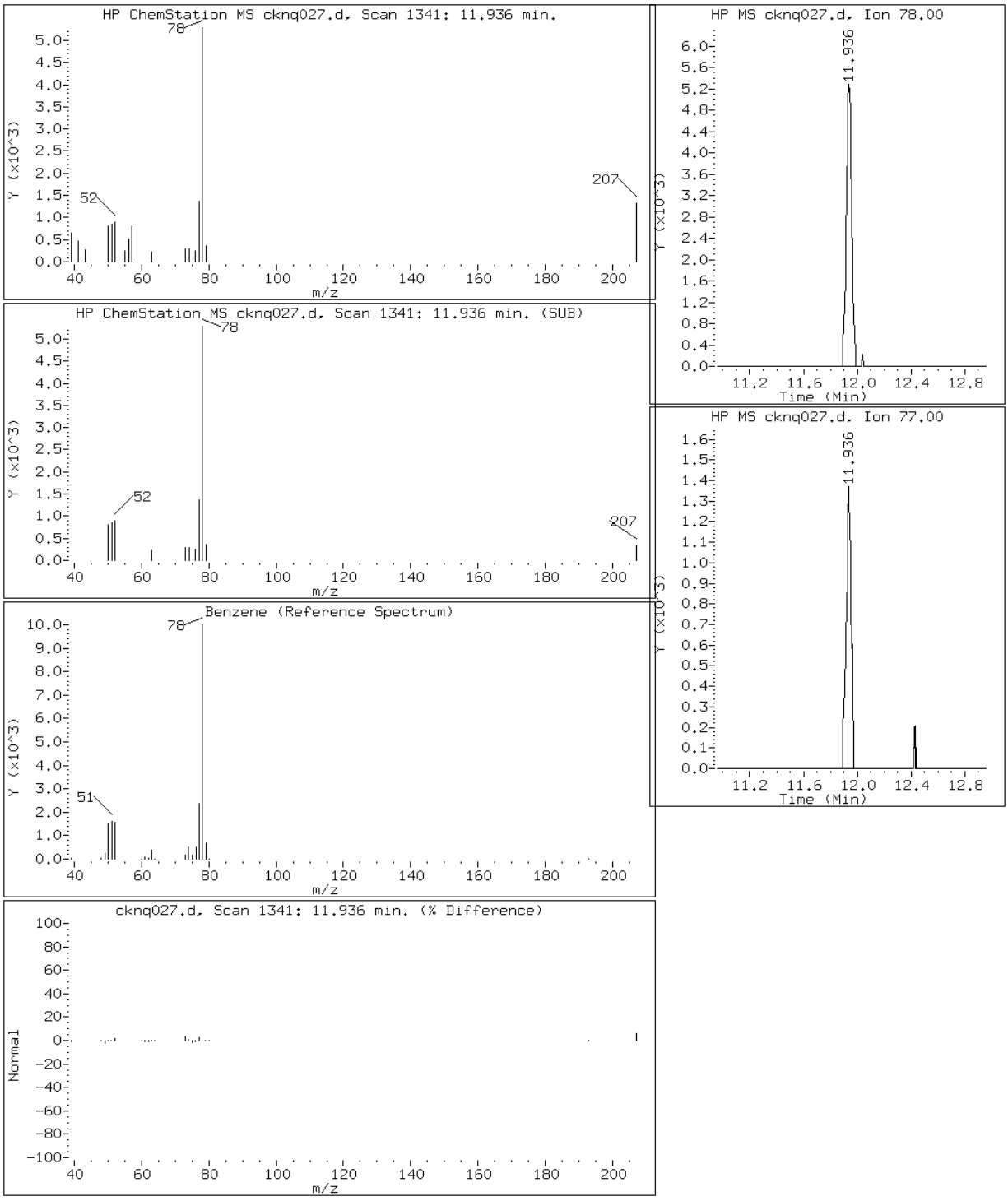
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Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

44 Benzene



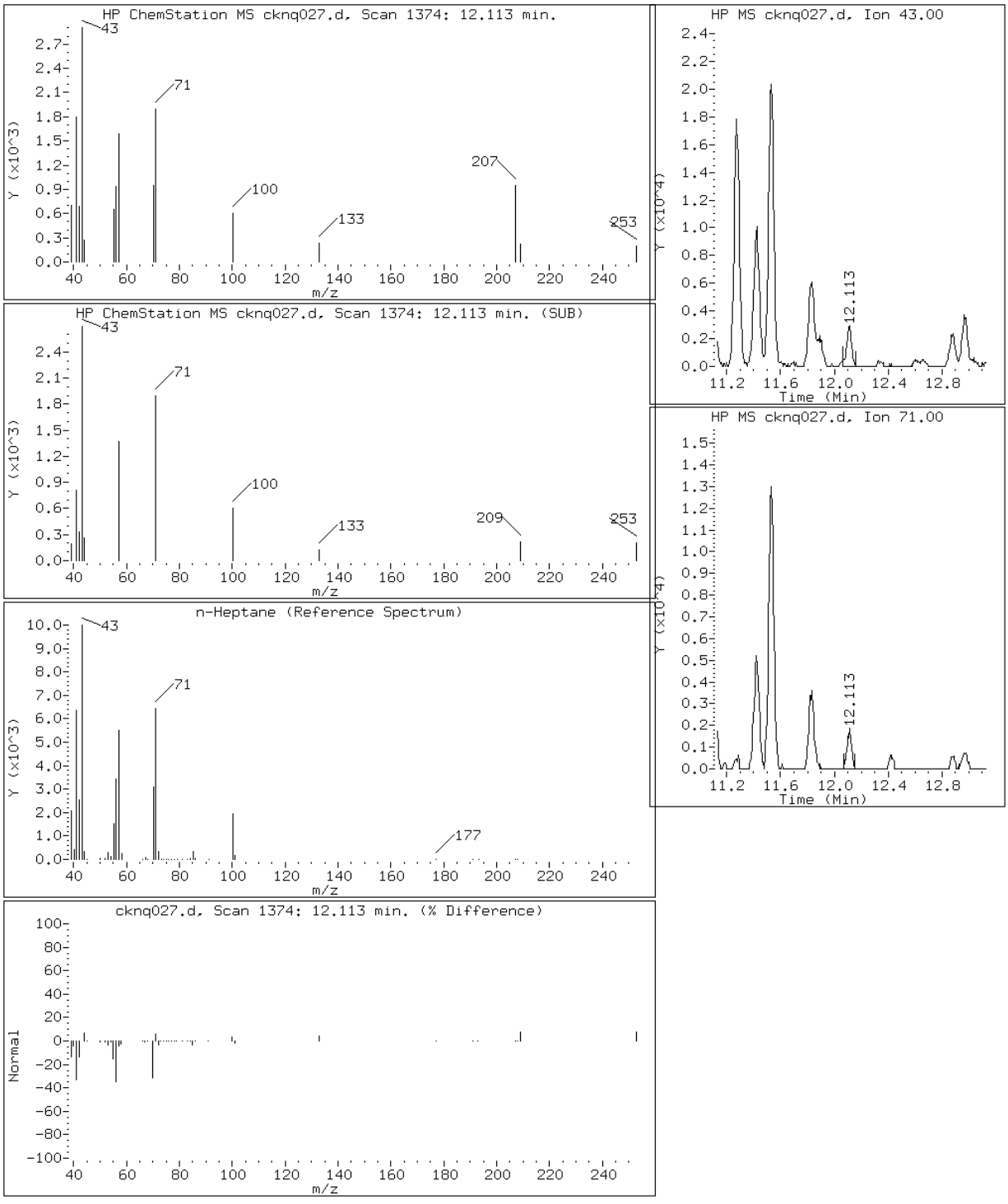
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Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

46 n-Heptane



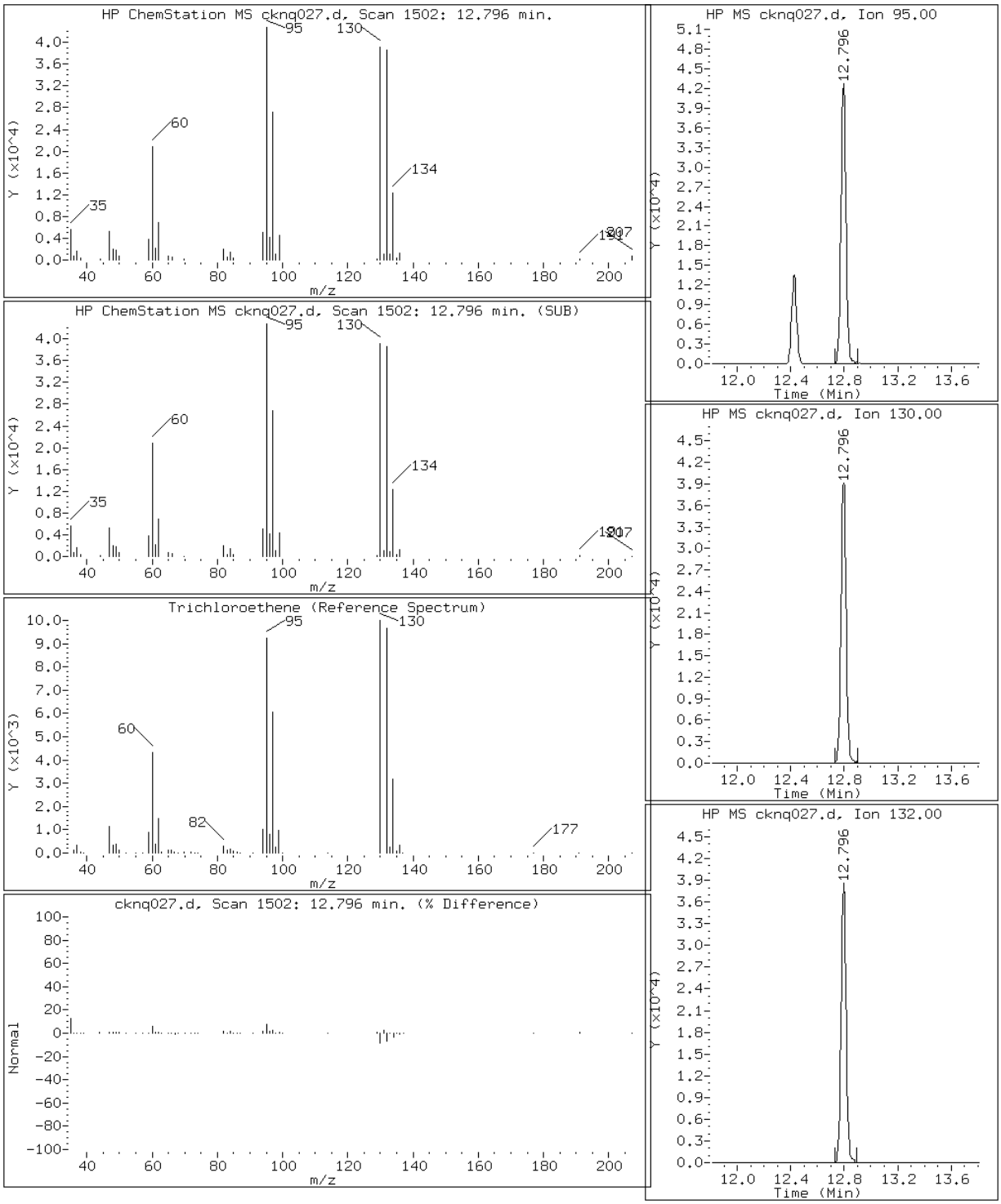
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Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

49 Trichloroethene



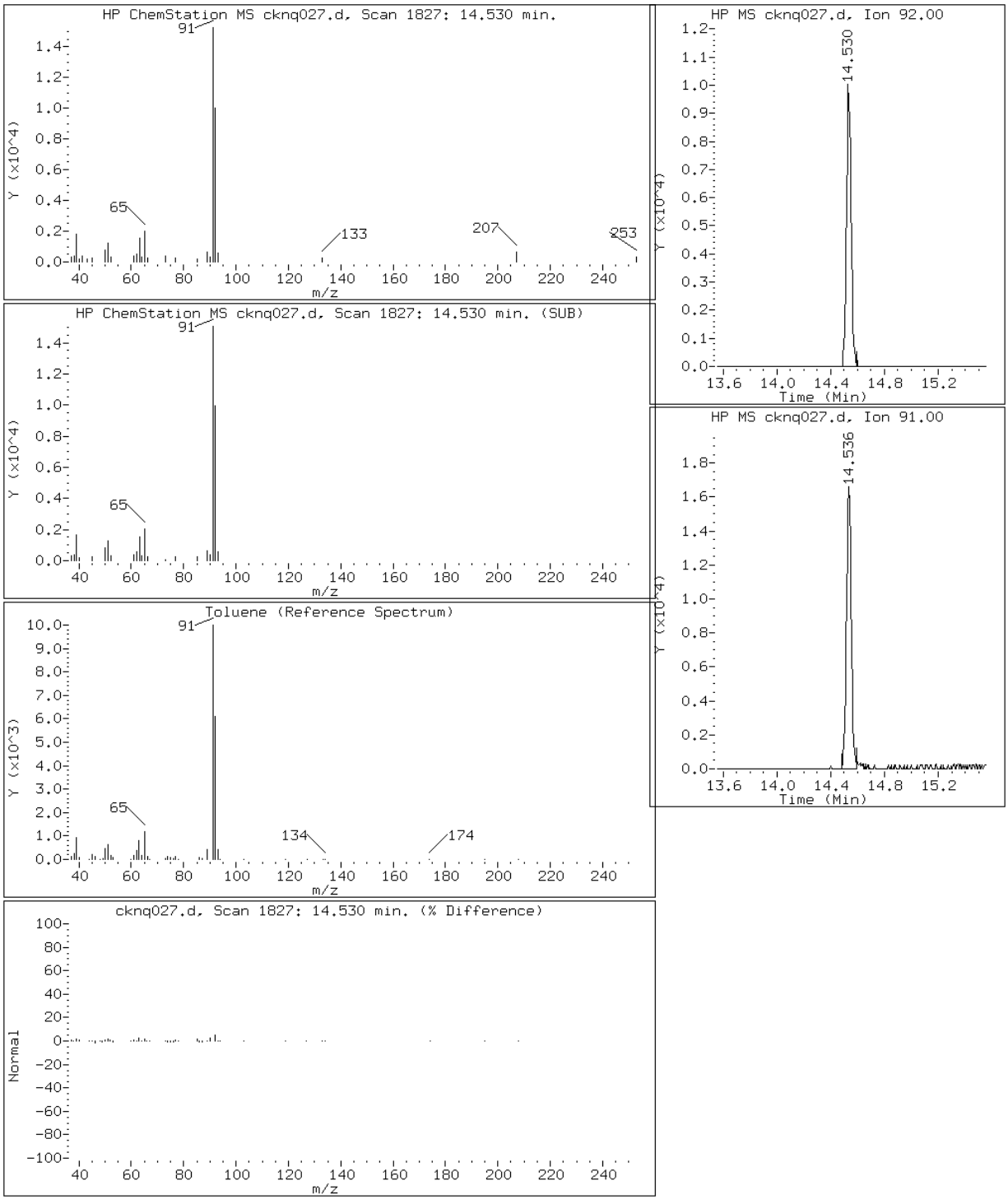
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Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

58 Toluene



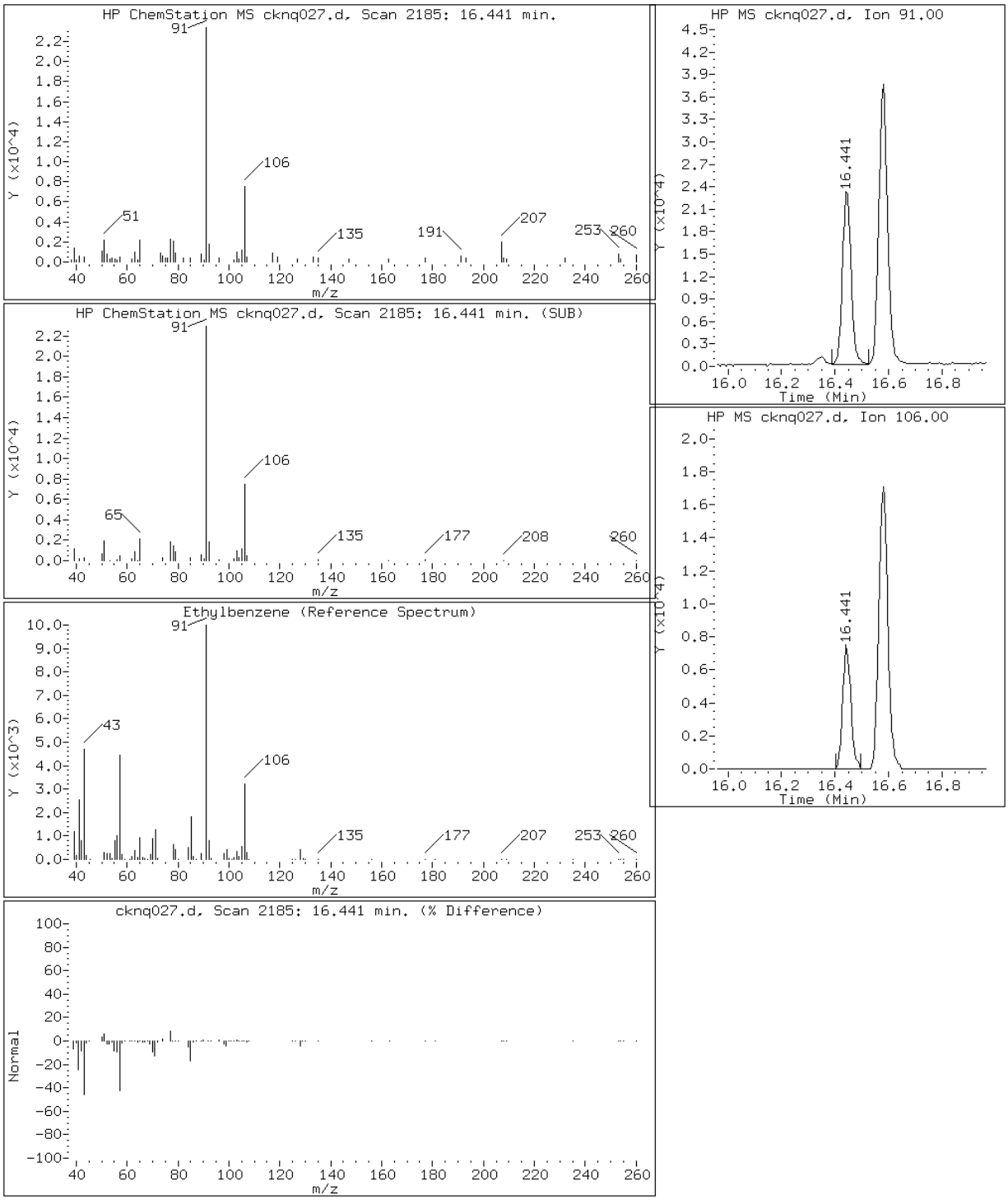
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

68 Ethylbenzene



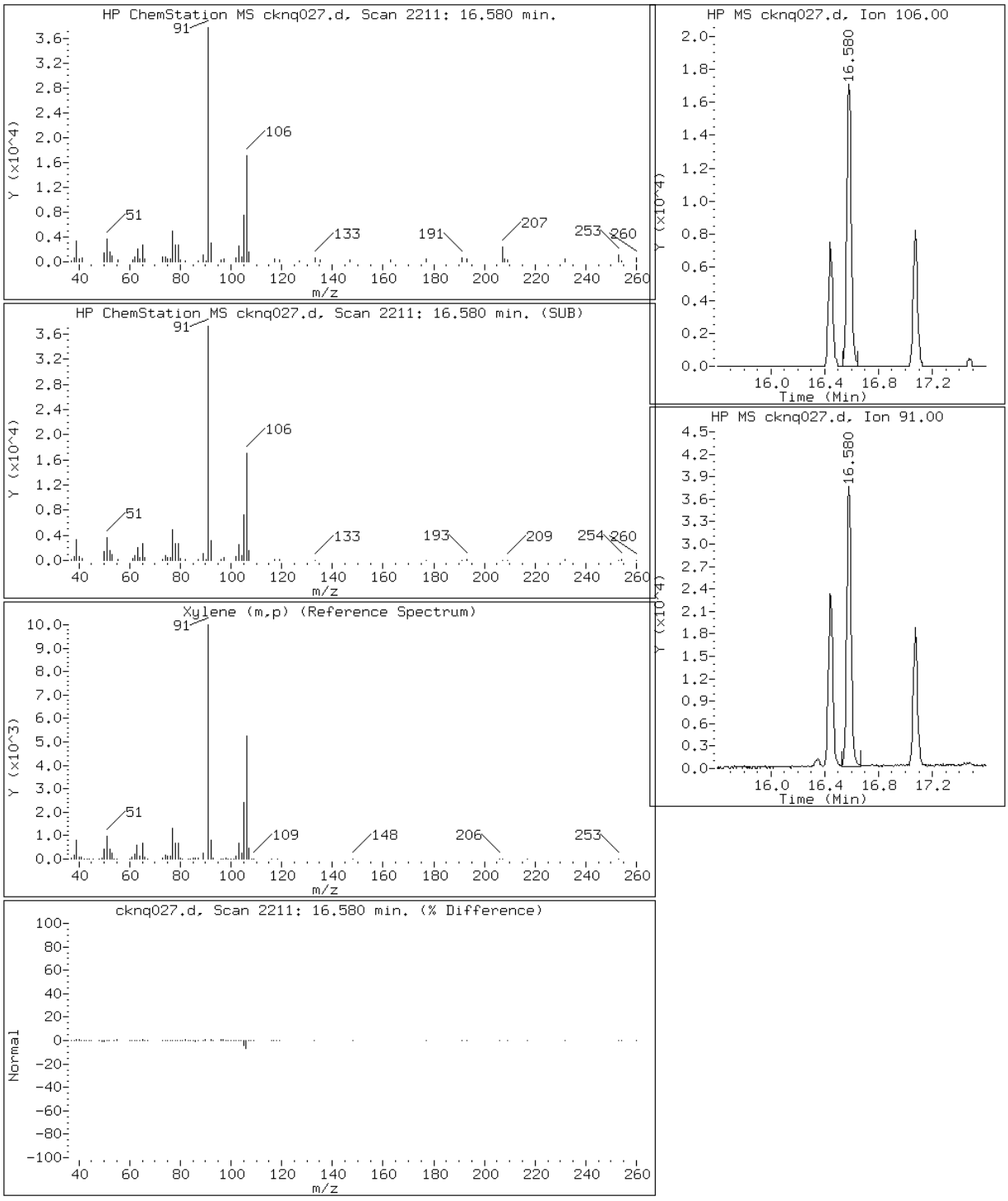
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

69 Xylene (m,p)



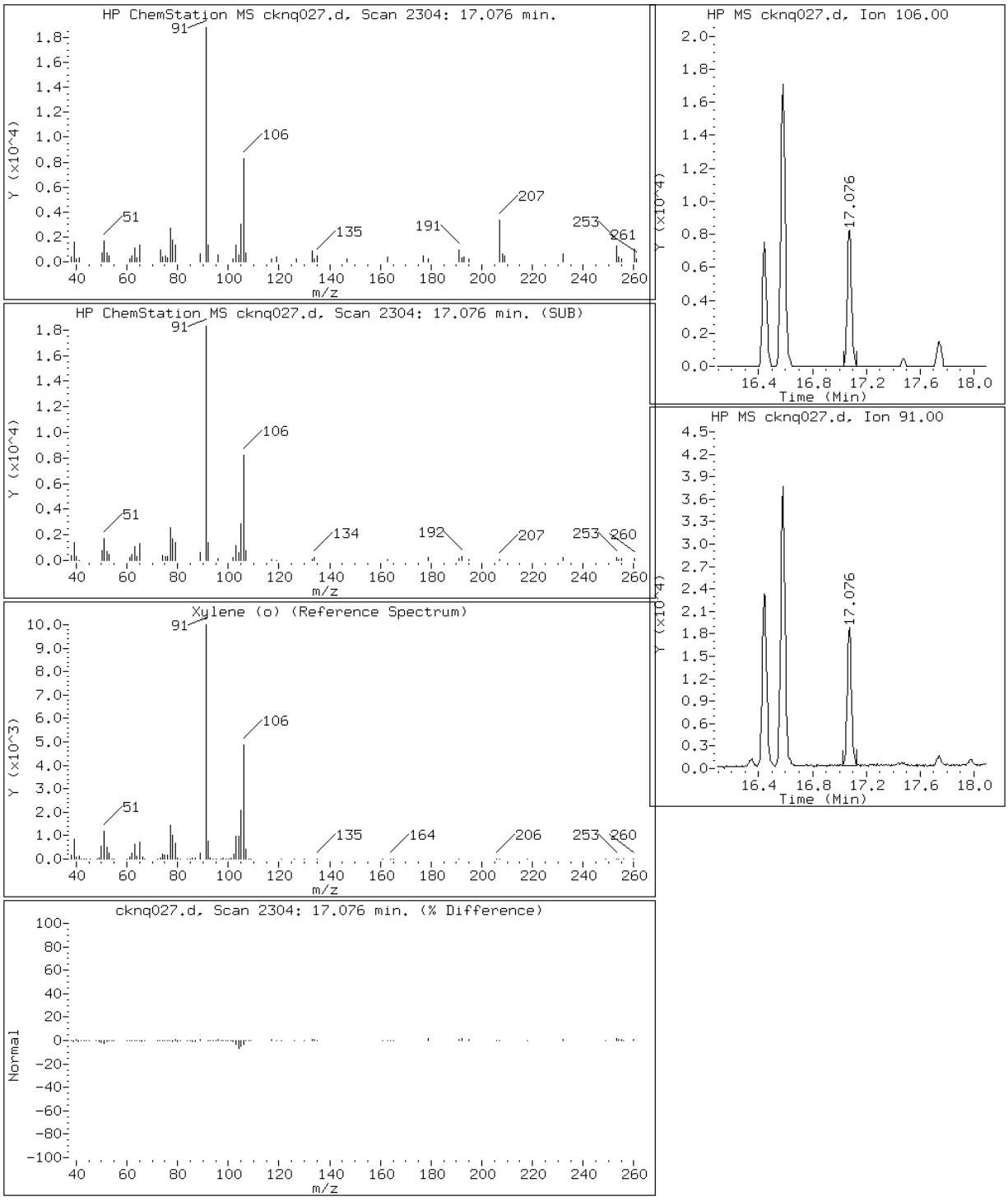
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

71 Xylene (o)



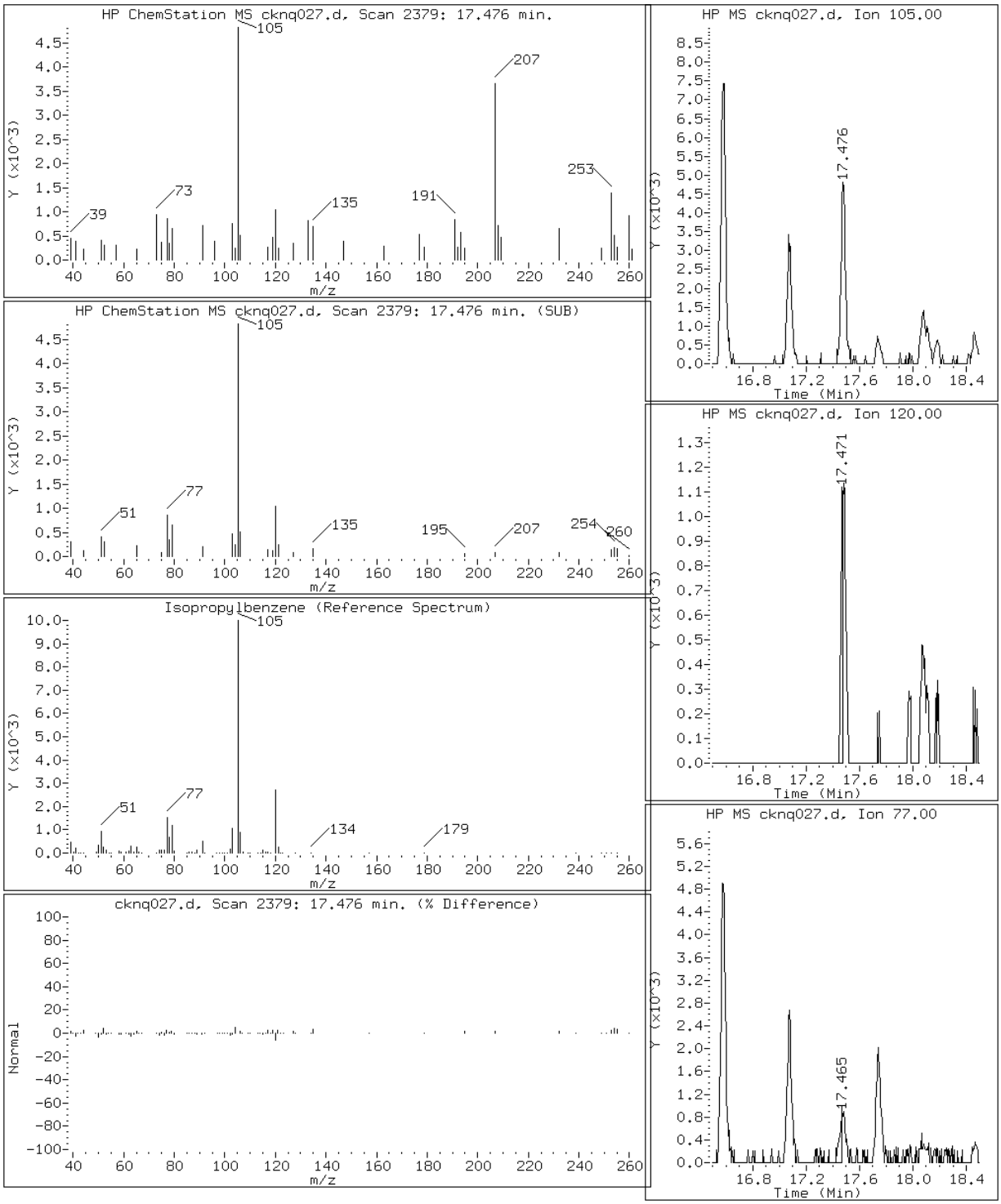
Data File: cknq027.d

Lab Sample ID: 280-25294-6 Date: 07-FEB-2012 06:56

Client ID: 785VMP0501AC Instrument: C.i

Sample Info: 280-25294-A-6 Operator: wrd

74 Isopropylbenzene



Manual Integration Report

Data File: cknq027.d
Lab Sample ID: 280-25294-6
Inj. Date and Time: 07-FEB-2012 06:56
Instrument ID: C.i
Client ID: 785VMP0501AC
Compound: 41 1,1,1-Trichloroethane
CAS #: 71-55-6
Report Date: 02/08/2012

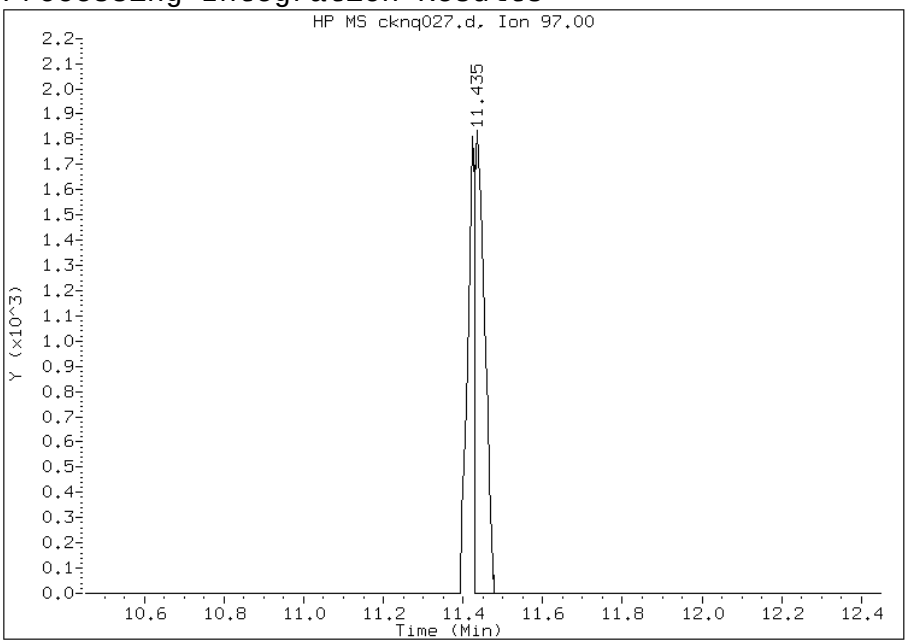
Processing Integration Results

RT: 11.43

Response: 3310

Amount: 0.062228

Conc: 0.062228



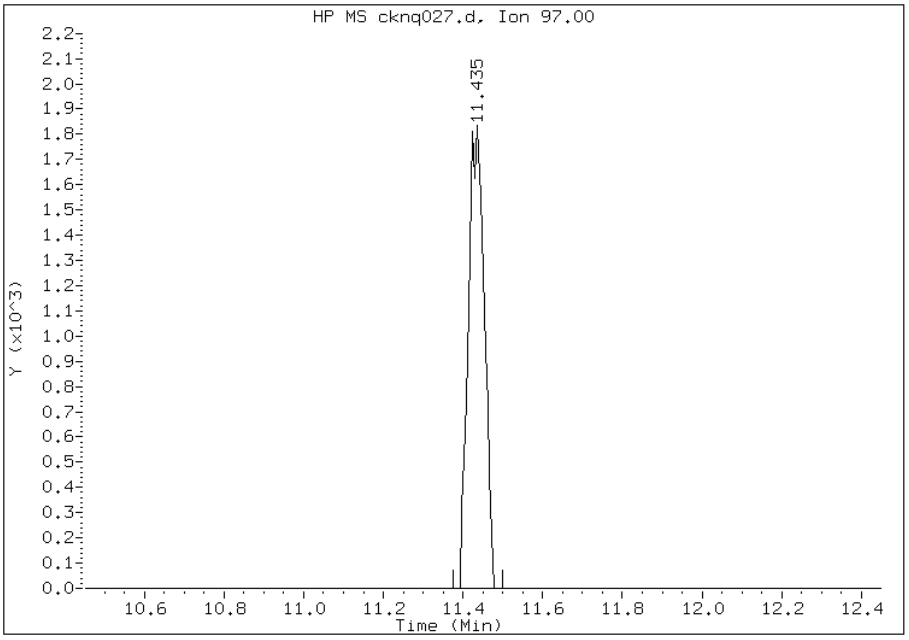
Manual Integration Results

RT: 11.43

Response: 5176

Amount: 0.097308

Conc: 0.097308



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.: 280-25294-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25294-7

Matrix: Air Lab File ID: cknr005.d

Analysis Method: TO-15 Date Collected: 01/31/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 14:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.87	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.67	J	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.15	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.42		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.11	J	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.22		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.077	J	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.12	J	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25294-7

Matrix: Air Lab File ID: cknr005.d

Analysis Method: TO-15 Date Collected: 01/31/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 14:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.20		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.055	J	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.055	J	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25294-7

Matrix: Air Lab File ID: cknr005.d

Analysis Method: TO-15 Date Collected: 01/31/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 14:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25294-7

Matrix: Air Lab File ID: cknr005.d

Analysis Method: TO-15 Date Collected: 01/31/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 14:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	2.1	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	1.6	J	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.52	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	1.5		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.33	J	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.76		0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.36	J	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.48	J	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25294-7

Matrix: Air Lab File ID: cknr005.d

Analysis Method: TO-15 Date Collected: 01/31/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 14:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.77		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.24	J	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.24	J	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25294-7

Matrix: Air Lab File ID: cknr005.d

Analysis Method: TO-15 Date Collected: 01/31/2012 17:00

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 14:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25294-7
Client Smp ID: TRIP BLANK
Inj Date : 07-FEB-2012 14:00
Operator : wrd Inst ID: C.i
Smp Info : 280-25294-A-7
Misc Info : 200,1, all74
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	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.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.211	8.211	(0.740)	27780	0.86618	0.87(a)
21 Carbon disulfide	76	Compound Not Detected.					

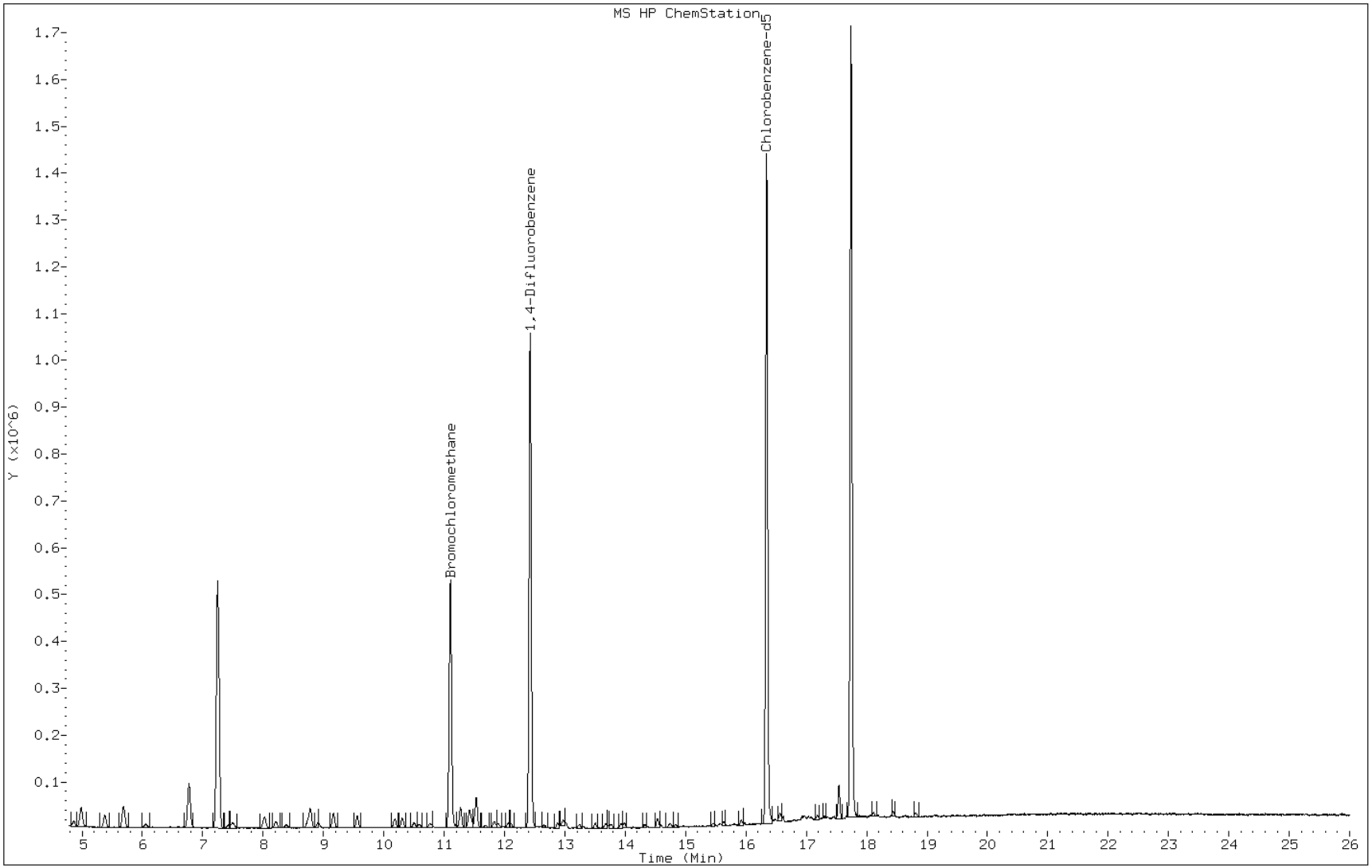
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.377	8.350	(0.754)	14710	0.66835	0.67(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.895	8.910	(0.801)	3628	0.15051	0.15(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	9.562	9.572	(0.861)	16467	0.42074	0.42
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.970)	1333	0.11341	0.11(aQ)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	196656	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.456	11.477	(0.922)	8451	0.22040	0.22(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	11.889	11.904	(0.957)	10063	0.07711	0.077(aQ)
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	12.107	12.129	(0.974)	5716	0.11811	0.12(aQ)
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1167106	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	14.530	14.557	(0.889)	12096	0.20439	0.20
	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	16.345	16.366	(1.000)	1065935	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	16.574	16.601	(1.014)	2830	0.05495	0.055(a)
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:	cknr005.d	Date:	07-FEB-2012 14:00
Client ID:	TRIP BLANK	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25294-A-7		
Lab Sample ID:	280-25294-7		



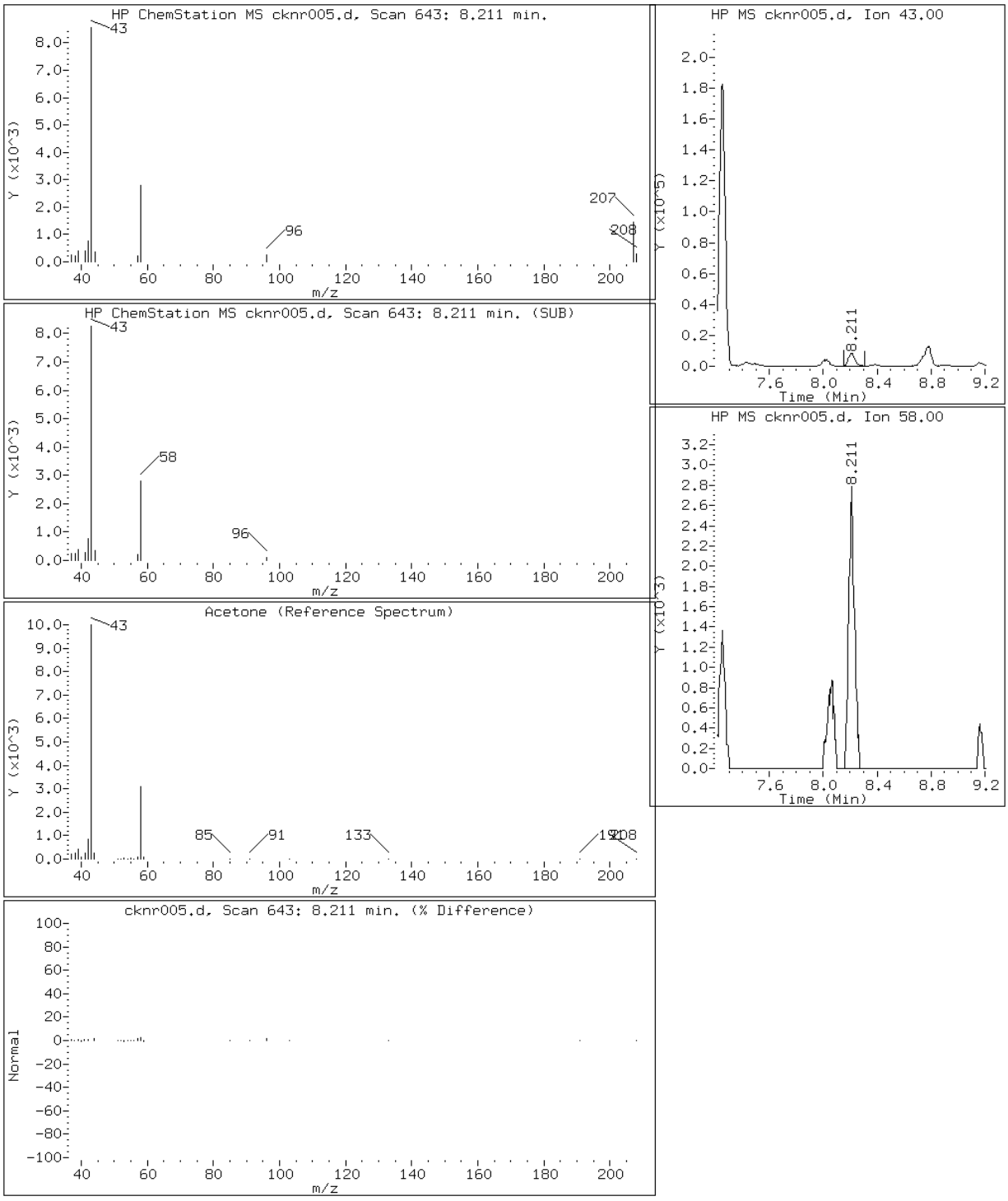
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

20 Acetone



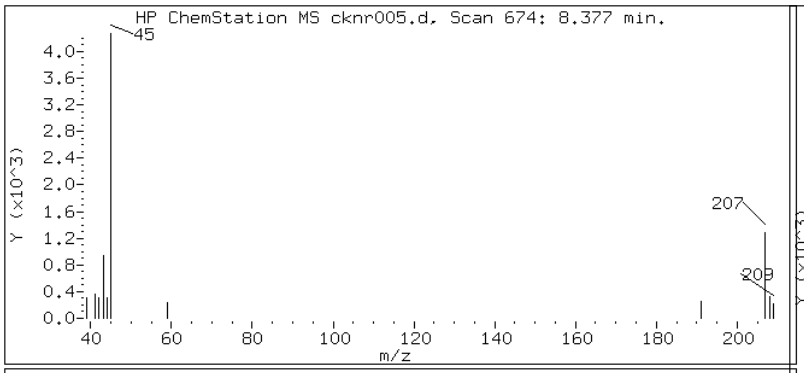
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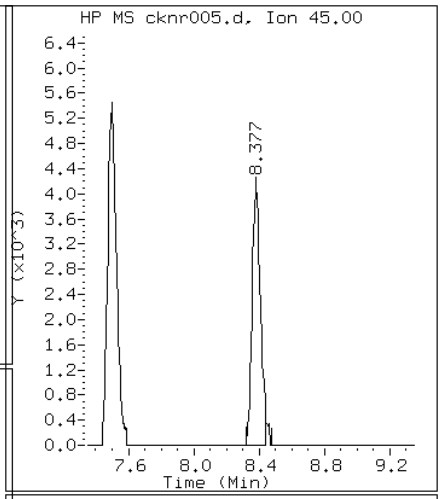
Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

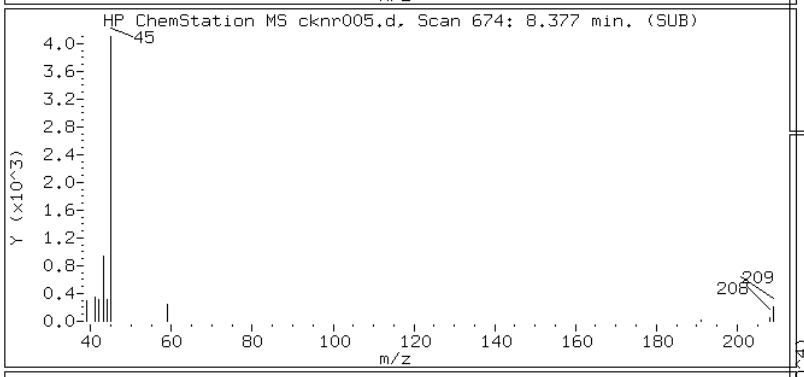
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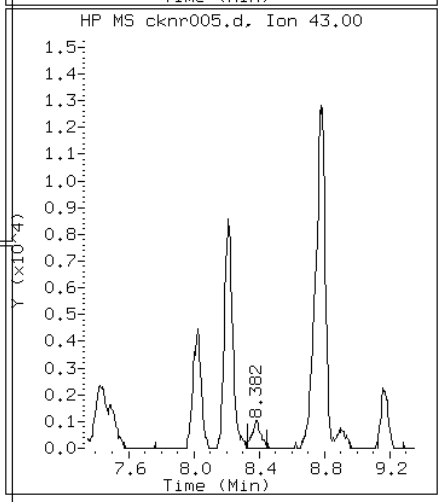
Sample Info: 280-25294-A-7 Operator: wrd

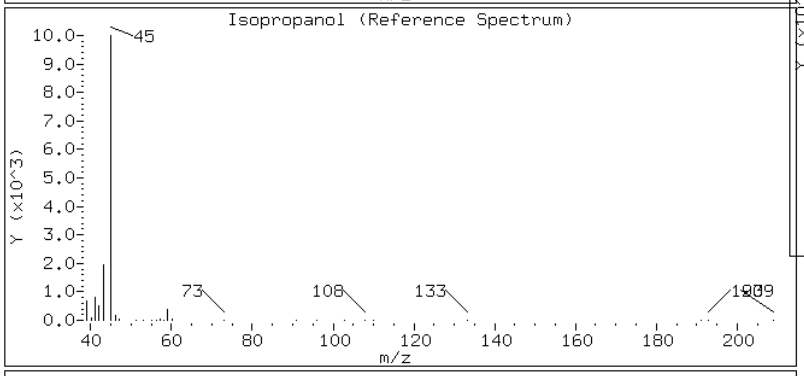
22 Isopropanol

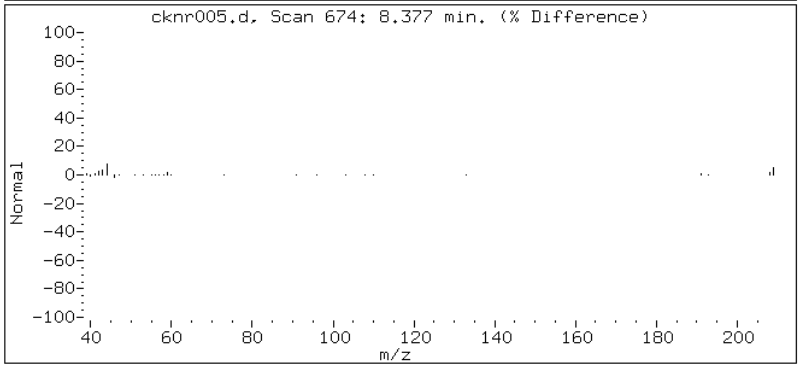












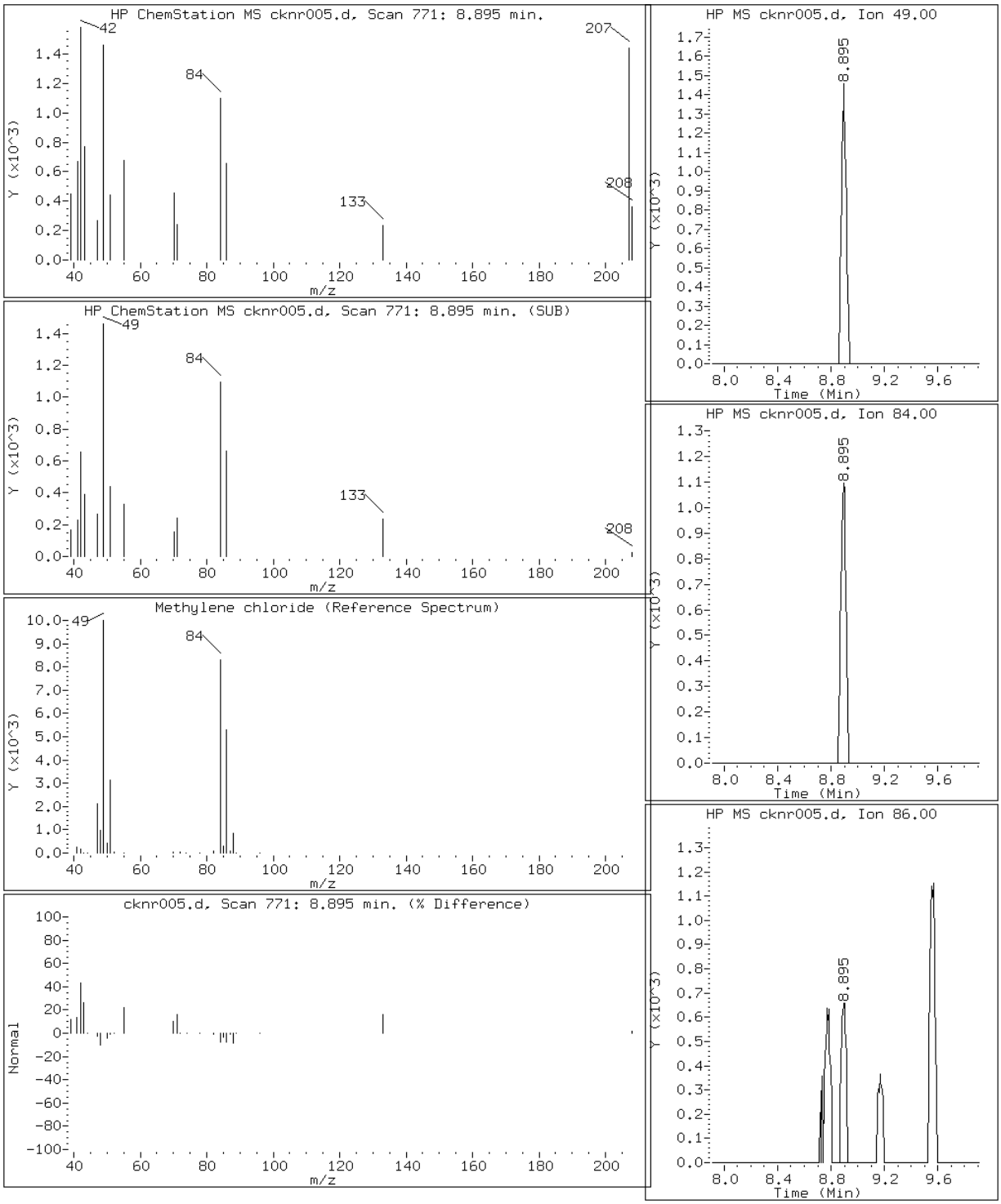
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

25 Methylene chloride



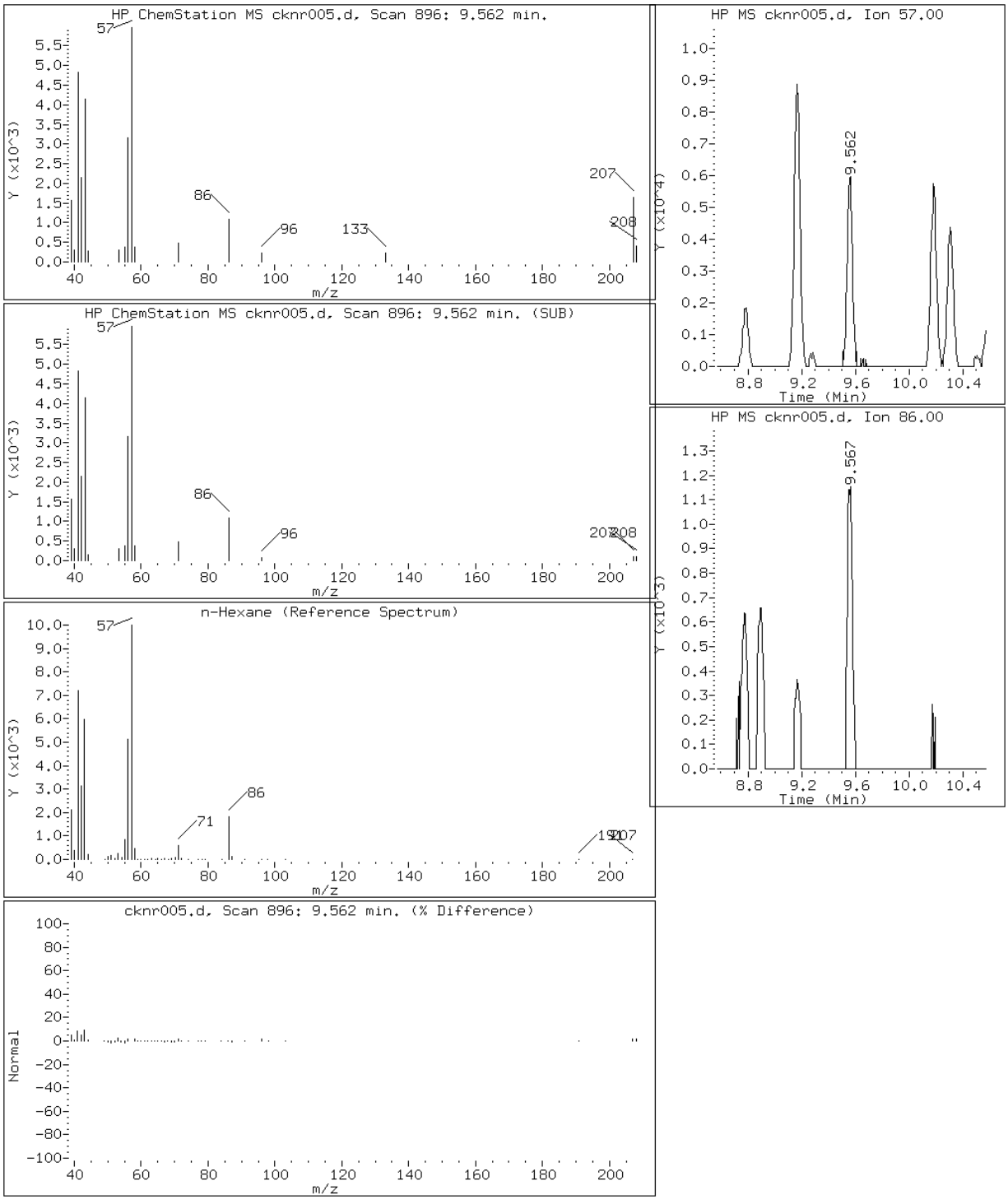
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

30 n-Hexane



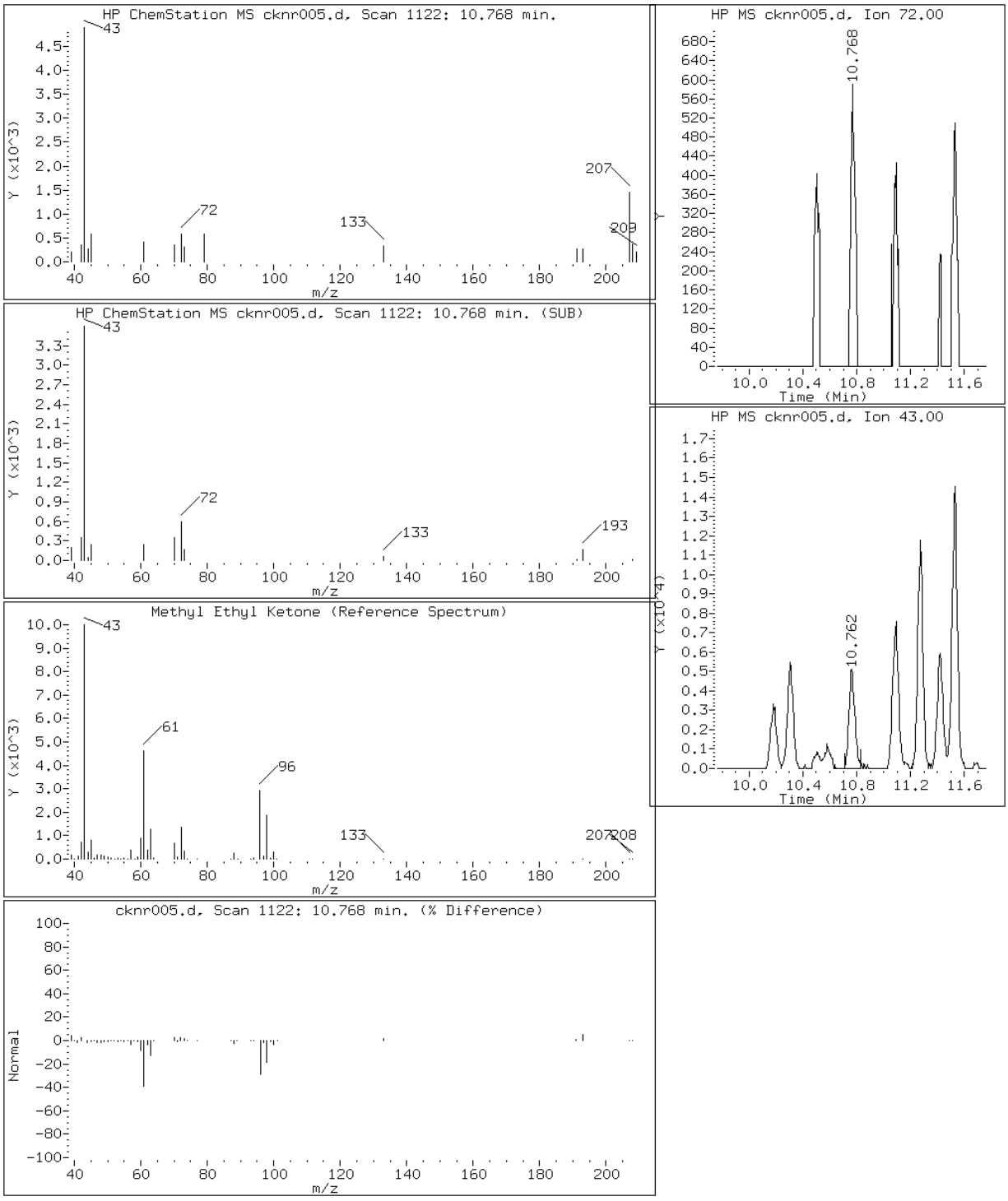
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

36 Methyl Ethyl Ketone



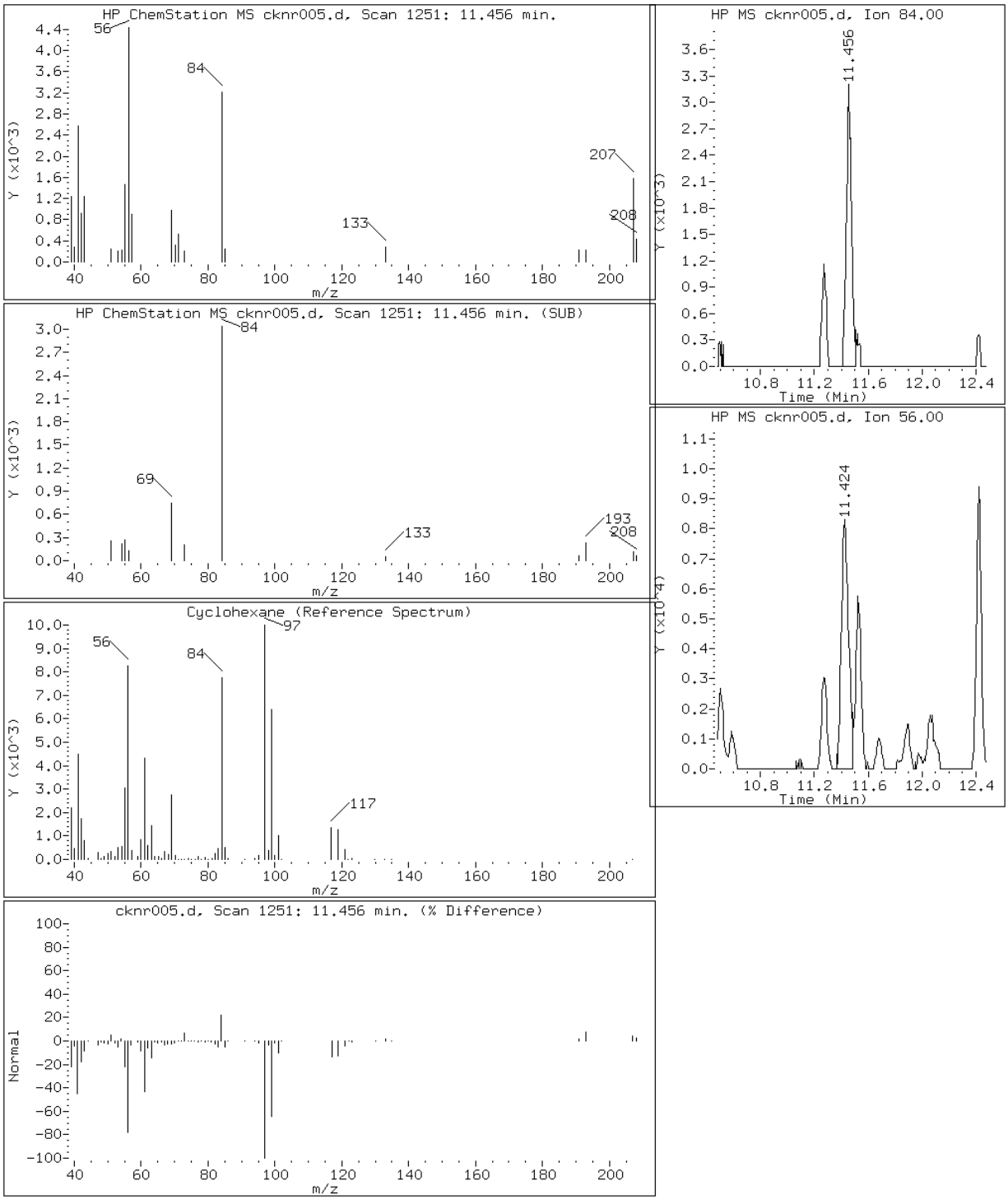
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

40 Cyclohexane



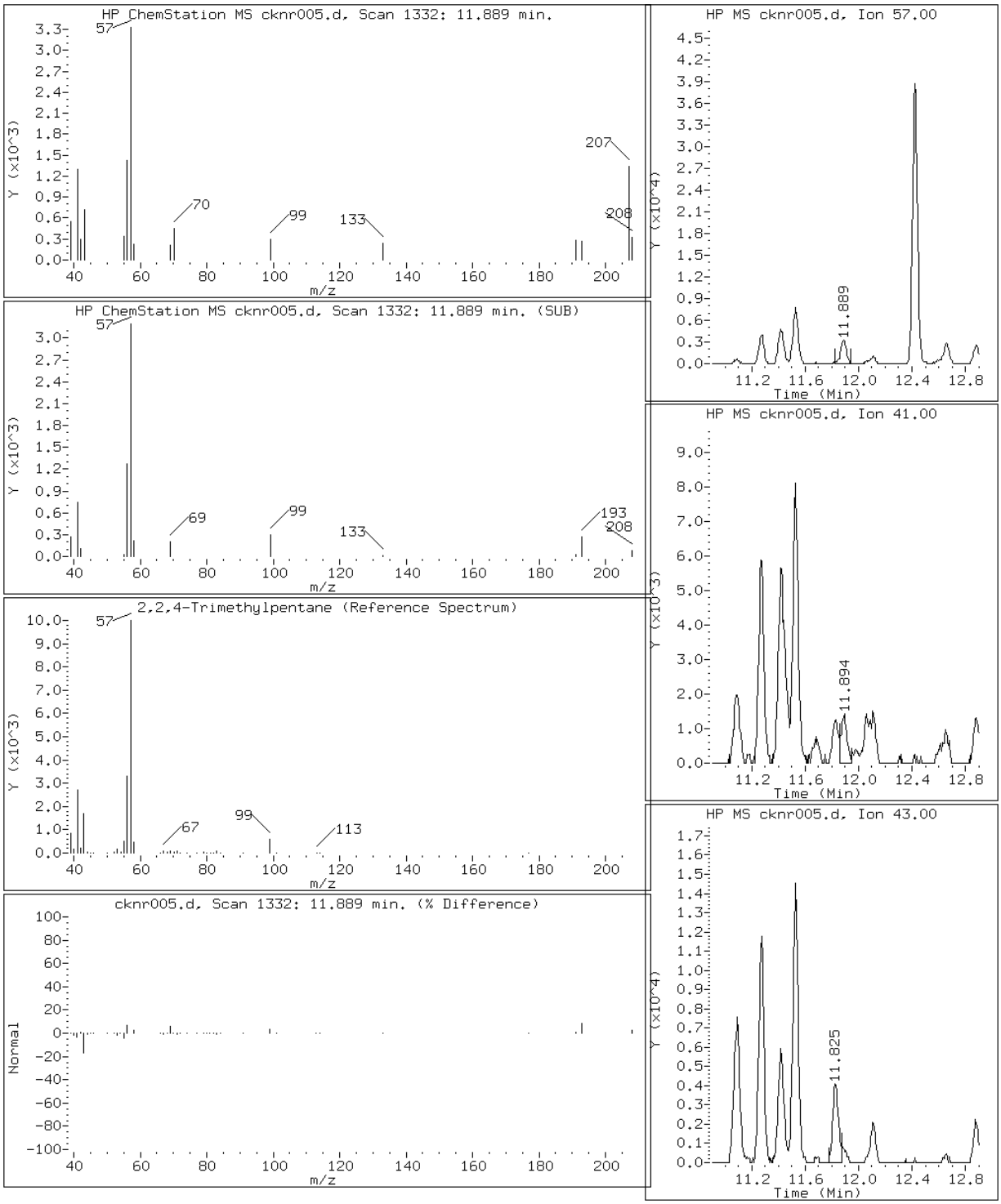
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

43 2,2,4-Trimethylpentane



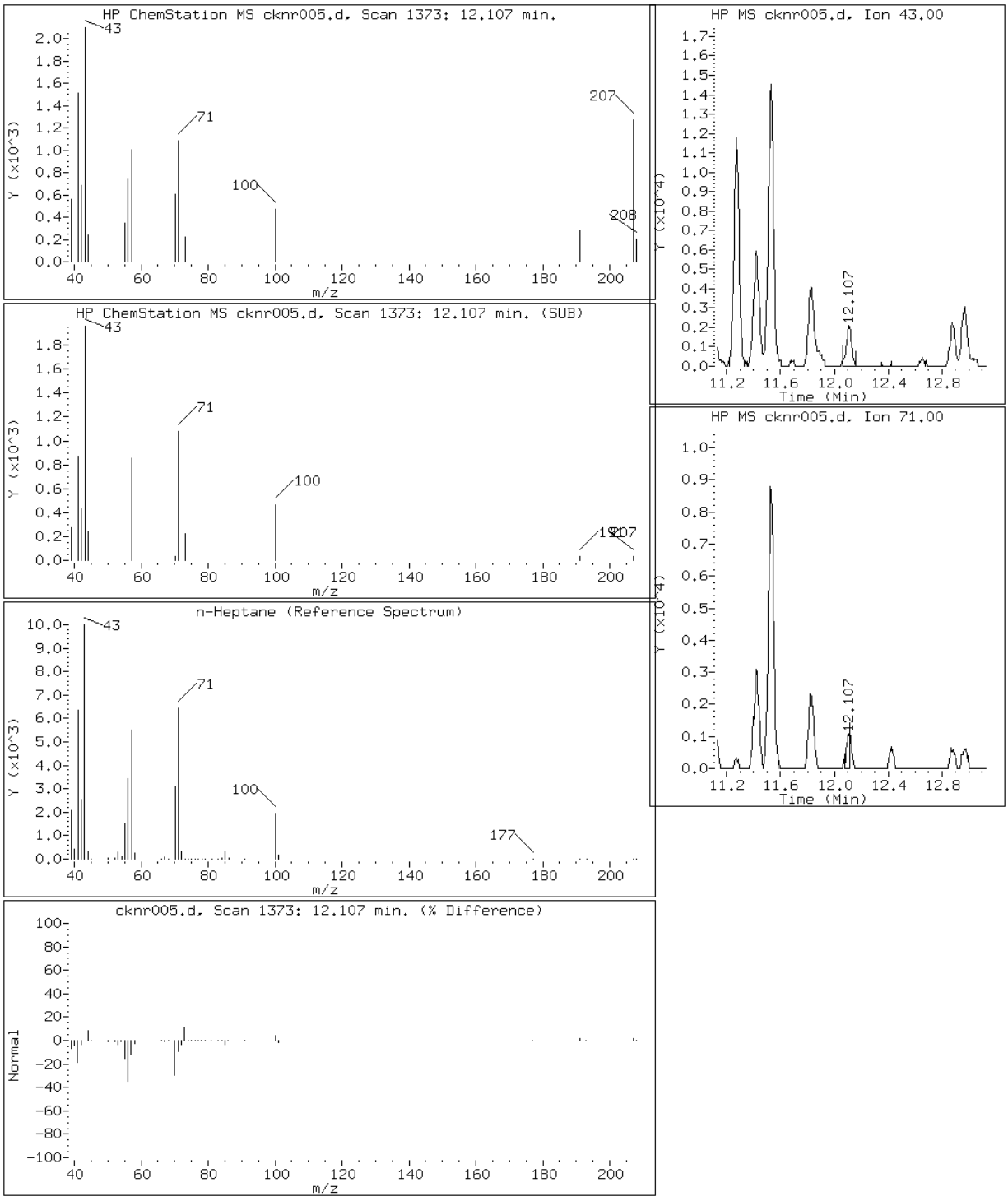
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

46 n-Heptane



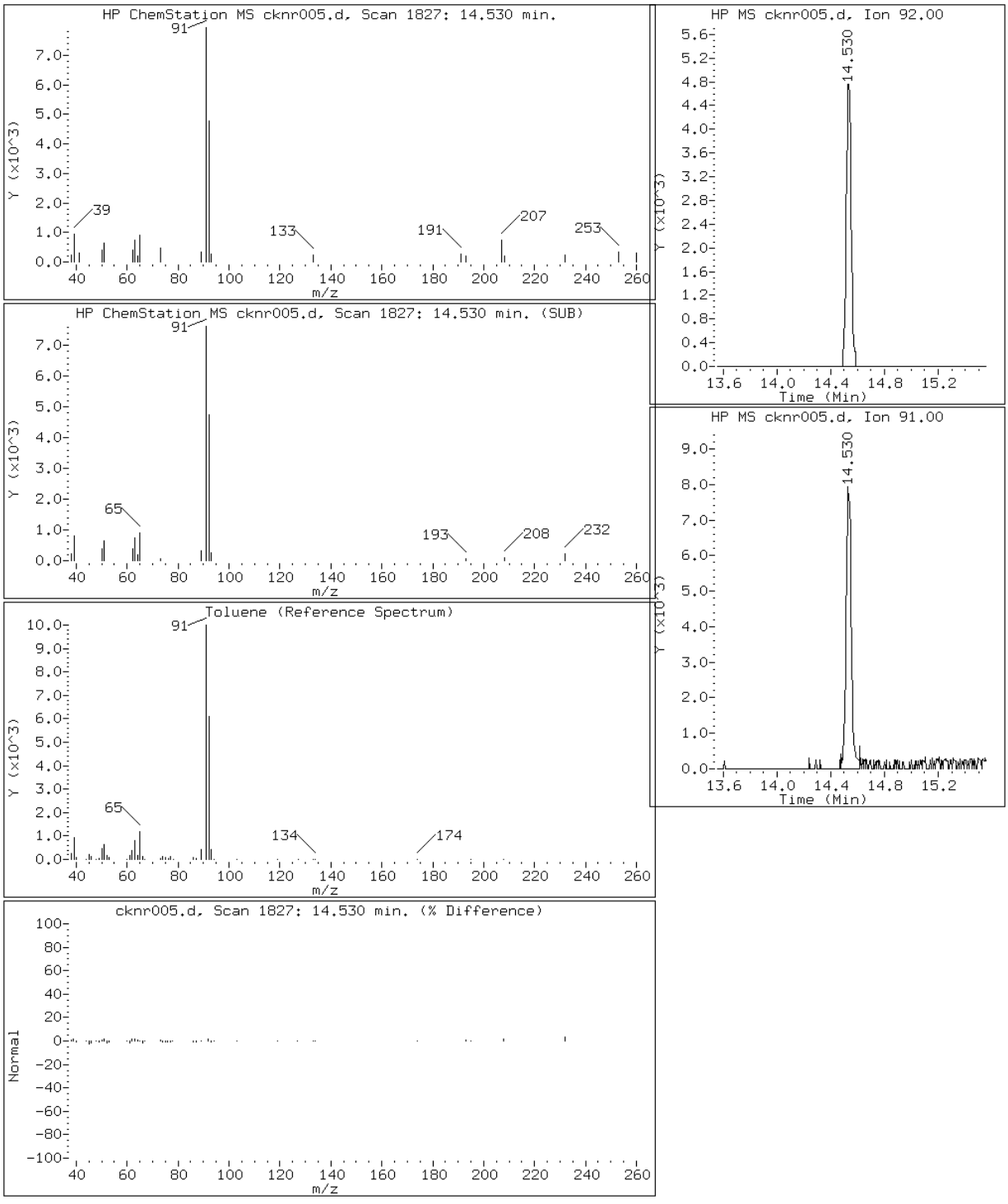
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

58 Toluene



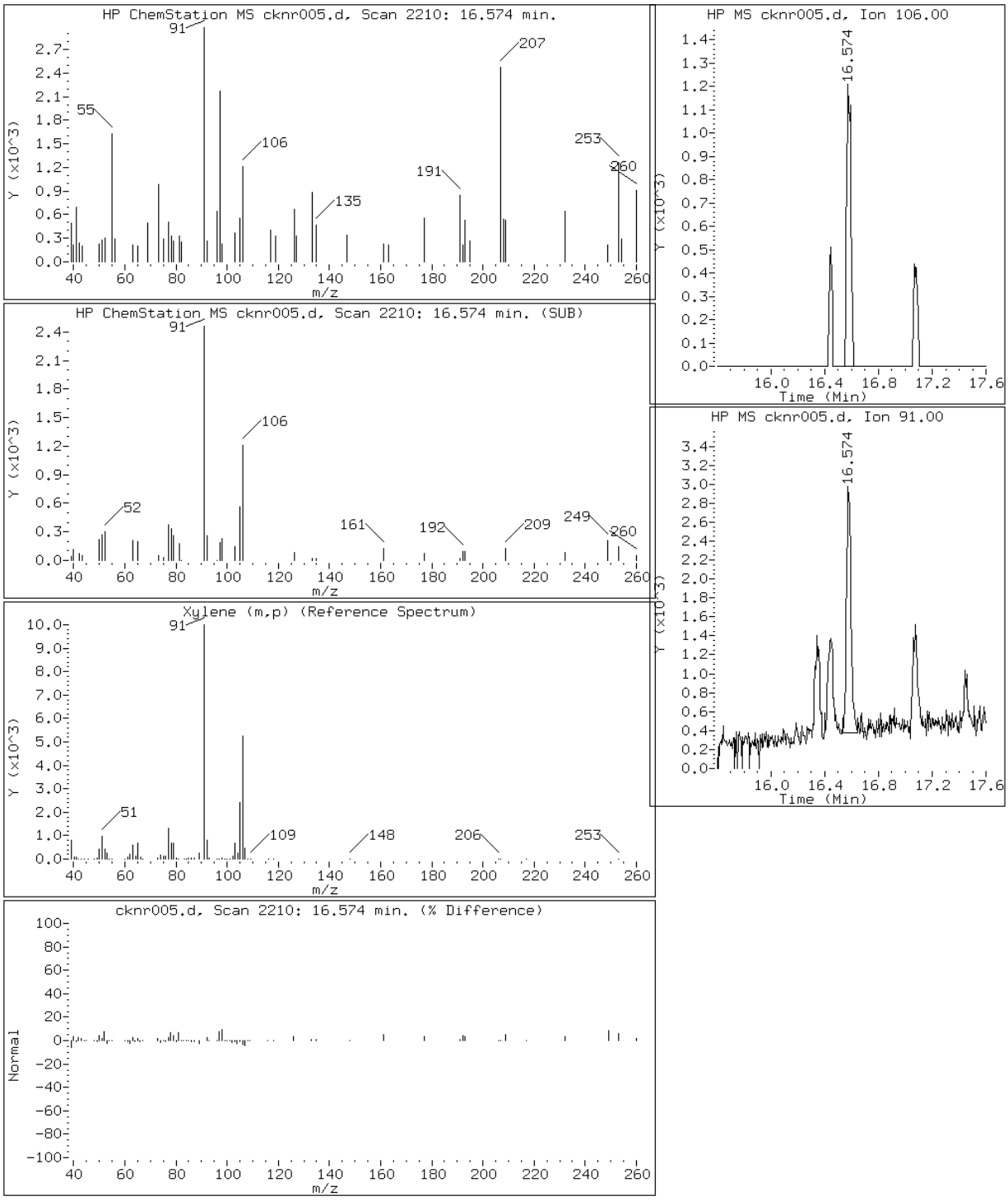
Data File: cknr005.d

Lab Sample ID: 280-25294-7 Date: 07-FEB-2012 14:00

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25294-A-7 Operator: wrd

69 Xylene (m,p)



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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-32216/3	ic 260559	ckn003.d
Level 2	IC 200-32216/4	ic 260524	ckn004.d
Level 3	IC 200-32216/5	ic 275708	ckn005.d
Level 4	ICIS 200-32216/6	icis 275681	ckn006.d
Level 5	IC 200-32216/7	ic 260512	ckn007.d
Level 6	IC 200-32216/8	ic 260506	ckn008.d
Level 7	IC 200-32216/9	ic 275630	ckn009.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 4	LVL 5		B	M1	M2								
Propylene	0.7970	0.9419 0.7217	0.9321	0.8488	0.8298	Ave		0.8452				9.9		30.0			
Dichlorodifluoromethane	3.0852	3.5591 2.8353	3.4854	3.2215	3.1704	Ave		3.2261				8.2		30.0			
Freon 22	1.6810	1.9125 1.5348	1.8407	1.7138	1.7040	Ave		1.7311				7.6		30.0			
1,2-Dichlorotetrafluoroethane	3.5007 3.3937	3.3895 3.1737	3.6761	3.4052	3.4148	Ave		3.4219				4.4		30.0			
Chloromethane	0.9241	1.1544 0.8537	1.0422	0.9527	0.9395	Ave		0.9778				10.8		30.0			
n-Butane	1.8647	2.2133 1.7202	2.0548	1.9146	1.9173	Ave		1.9475				8.7		30.0			
Vinyl chloride	1.2269 1.1712	1.1987 1.0883	1.2635	1.1965	1.1845	Ave		1.1899				4.6		30.0			
1,3-Butadiene	0.9290 0.9288	0.8990 0.8572	1.0005	0.9378	0.9357	Ave		0.9269				4.7		30.0			
Bromomethane	1.1038 1.0637	1.0753 0.9939	1.1503	1.0690	1.0782	Ave		1.0763				4.4		30.0			
Chloroethane	0.6441	0.6661 0.5901	0.7007	0.6461	0.6520	Ave		0.6498				5.5		30.0			
Isopentane	1.7544 1.4328	1.6996 1.3006	1.5868	1.4631	1.4631	Ave		1.5286				10.5		30.0			
Bromoethene(Vinyl Bromide)	1.1087 1.0878	1.0258 1.0334	1.1313	1.0733	1.0876	Ave		1.0782				3.5		30.0			
Trichlorofluoromethane	3.3821 3.2508	3.2716 3.0569	3.4273	3.2082	3.2784	Ave		3.2679				3.7		30.0			
n-Pentane	2.2075	2.2861 2.0764	2.2959	2.1551	2.2311	Ave		2.2087				3.8		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.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.4067	0.4374 0.3576	0.3576	0.3783	0.4168	Ave		0.3924				8.4		30.0			
Ethyl ether	0.8460 0.8116	0.7859 0.7794	0.8776	0.8690	0.8540	Ave		0.8319				4.8		30.0			
Acrolein	0.3177	0.4079	0.4301	0.4373	0.3577	Ave		0.3902				13.1		30.0			
Freon TF	2.2942 2.3319	2.2001 2.2445	2.3443	2.2148	2.3168	Ave		2.2781				2.6		30.0			
1,1-Dichloroethene	1.0382 1.1211	0.9861 1.0698	1.1229	1.0721	1.1184	Ave		1.0755				4.7		30.0			
Acetone	1.5999	1.3603	1.7778	1.6908	1.7256	Ave		1.6309				10.1		30.0			
Isopropyl alcohol	1.0430	1.0332	1.1554	1.2150	1.1493	Ave		1.1192				7.0		30.0			
Carbon disulfide	3.2967	3.1114 3.1544	3.3593	3.2017	3.3005	Ave		3.2373				3.0		30.0			
3-Chloropropene	1.5643 1.5990	1.4615 1.4805	1.7161	1.6067	1.7478	Ave		1.5966				6.8		30.0			
Acetonitrile	0.6282	0.6667	0.6868	0.6600	0.7428	Ave		0.6769				6.3		30.0			
Methylene Chloride	1.1879	1.4094 1.1047	1.2828	1.1665	1.2030	Ave		1.2257				8.7		30.0			
tert-Butyl alcohol	1.5569	1.5205	1.7332	1.7825	1.7223	Ave		1.6631				7.0		30.0			
Methyl tert-butyl ether	3.4986 3.3176	3.2952 3.1746	3.5924	3.5616	3.5024	Ave		3.4203				4.6		30.0			
trans-1,2-Dichloroethene	1.7025 1.7589	1.6671 1.6654	1.8285	1.6946	1.7645	Ave		1.7259				3.5		30.0			
Acrylonitrile	0.7446	0.7353 0.7626	0.8114	0.7893	0.7947	Ave		0.7730				3.9		30.0			
n-Hexane	1.9953 2.0186	1.9499 1.9238	2.0777	1.9431	2.0227	Ave		1.9902				2.7		30.0			
Vinyl acetate	2.6444	2.6902	3.0191	2.9971	2.8091	Ave		2.8320				6.1		30.0			
1,1-Dichloroethane	2.1993 2.1819	2.1164 2.0816	2.2854	2.1433	2.1935	Ave		2.1716				3.0		30.0			
Ethyl acetate	0.1083	0.1051	0.1125	0.1157	0.1137	Ave		0.1111				3.9		30.0			
Methyl Ethyl Ketone	0.5677	0.6971 0.5324	0.5906	0.5999	0.5984	Ave		0.5977				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.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	1.2933 1.2974	1.2222 1.2639	1.3131	1.2577	1.2945	Ave		1.2774				2.4		30.0			
Tetrahydrofuran	0.2112	0.2056	0.2329	0.2328	0.2260	Ave		0.2217				5.7		30.0			
Chloroform	2.6712 2.6339	2.5287 2.5074	2.7506	2.5984	2.6464	Ave		2.6195				3.2		30.0			
1,1,1-Trichloroethane	0.5024 0.5239	0.4821 0.5132	0.5272	0.5104	0.5226	Ave		0.5117				3.1		30.0			
Cyclohexane	0.3183 0.3411	0.3072 0.3385	0.3340	0.3214	0.3391	Ave		0.3285				3.9		30.0			
Carbon tetrachloride	0.4949 0.5405	0.4778 0.5347	0.5408	0.5214	0.5382	Ave		0.5212				4.8		30.0			
2,2,4-Trimethylpentane	1.0776 1.1578	1.0337 1.1460	1.1414	1.1192	1.1519	Ave		1.1182				4.1		30.0			
Benzene	0.7292 0.7204	0.6953 0.7254	0.7115	0.6933	0.7136	Ave		0.7127				2.0		30.0			
1,2-Dichloroethane	0.2985 0.3103	0.2970 0.2956	0.3210	0.3113	0.3140	Ave		0.3068				3.2		30.0			
n-Heptane	0.4131 0.4244	0.3931 0.4088	0.4221	0.4146	0.4267	Ave		0.4147				2.8		30.0			
n-Butanol	0.0734	0.0911	0.0883	0.0918	0.0797	Ave		0.0848				9.4		30.0			
Trichloroethene	0.3096 0.3330	0.2941 0.3331	0.3239	0.3142	0.3270	Ave		0.3193				4.4		30.0			
1,2-Dichloropropane	0.2428 0.2466	0.2332 0.2411	0.2506	0.2450	0.2473	Ave		0.2438				2.3		30.0			
Methyl methacrylate	0.2301	0.1798 0.2313	0.2318	0.2443	0.2407	Ave		0.2263				10.4		30.0			
1,4-Dioxane	0.0789	0.0814	0.0827	0.0904	0.0866	Ave		0.0840				5.4		30.0			
Dibromomethane	0.2337 0.2634	0.2200 0.2692	0.2503	0.2478	0.2583	Ave		0.2489				6.9		30.0			
Bromodichloromethane	0.4589 0.5258	0.4542 0.5123	0.5283	0.5195	0.5253	Ave		0.5035				6.5		30.0			
cis-1,3-Dichloropropene	0.3623 0.3800	0.3553 0.3750	0.3909	0.3860	0.3874	Ave		0.3767				3.6		30.0			
methyl isobutyl ketone	0.4251	0.3744 0.4039	0.4504	0.4658	0.4506	Ave		0.4284				8.0		30.0			
n-Octane	0.5673 0.5690	0.5350 0.5354	0.5932	0.5769	0.5816	Ave		0.5655				4.0		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.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	0.5414 0.5588	0.5321 0.5628	0.5641	0.5528	0.5745	Ave		0.5552				2.6		30.0			
trans-1,3-Dichloropropene	0.3904 0.3868	0.3543 0.3895	0.4066	0.4012	0.3981	Ave		0.3896				4.4		30.0			
1,1,2-Trichloroethane	0.2474 0.2496	0.2369 0.2467	0.2625	0.2524	0.2579	Ave		0.2505				3.3		30.0			
Tetrachloroethene	0.4190 0.4777	0.3962 0.5027	0.4511	0.4523	0.4753	Ave		0.4535				8.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	 0.4394	0.3759 0.4202	0.4622	0.4849	0.4710	Ave		0.4423				9.0		30.0			
Dibromochloromethane	0.4555 0.5545	0.4378 0.5679	0.5487	0.5436	0.5635	Ave		0.5245				10.3		30.0			
1,2-Dibromoethane	0.4450 0.4787	0.4130 0.4810	0.4864	0.4747	0.4906	Ave		0.4671				6.0		30.0			
Chlorobenzene	0.7456 0.7362	0.6804 0.7510	0.7561	0.7351	0.7555	Ave		0.7371				3.6		30.0			
n-Nonane	0.5140 0.5717	0.4787 0.5191	0.5766	0.5804	0.5956	Ave		0.5480				8.0		30.0			
Ethylbenzene	1.1333 1.2712	1.0896 1.2525	1.2584	1.2776	1.3208	Ave		1.2291				6.9		30.0			
m,p-Xylene	0.4302 0.5062	0.4128 0.5168	0.4872	0.5038	0.5247	Ave		0.4831				9.1		30.0			
Xylene, o-	0.4205 0.4732	0.4054 0.4792	0.4732	0.4808	0.4936	Ave		0.4608				7.3		30.0			
Styrene	0.6027 0.7711	0.5415 0.7976	0.7365	0.7745	0.7951	Ave		0.7170				14.3		30.0			
Bromoform	0.4193 0.5501	0.3848 0.6085	0.5204	0.5361	0.5563	Ave		0.5108				15.6		30.0			
Cumene	1.1708 1.4011	1.1139 1.4617	1.3621	1.4006	1.4445	Ave		1.3364				10.3		30.0			
1,1,2,2-Tetrachloroethane	0.6293 0.6587	0.5846 0.6693	0.6895	0.6896	0.6900	Ave		0.6587				6.0		30.0			
n-Propylbenzene	1.3857 1.7419	1.2610 1.7647	1.6594	1.7394	1.7948	Ave		1.6210				13.0		30.0			
1,2,3-Trichloropropane	 0.5355	0.4590 0.5185	0.5503	0.5568	0.5628	Ave		0.5305				7.3		30.0			
n-Decane	 0.7199	0.3570 0.7073	0.6533	0.7103	0.7436	Ave		0.6486				22.5		30.0			
4-Ethyltoluene	1.1341 1.4809	1.0355 1.5559	1.4179	1.4839	1.5304	Ave		1.3769				15.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	1.0824 1.2642	0.9971 1.2761	1.2464	1.2595	1.3074	Ave		1.2047				9.7		30.0			
1,3,5-Trimethylbenzene	0.9459 1.2969	0.8972 1.3200	1.2073	1.2792	1.3354	Ave		1.1831				15.5		30.0			
Alpha Methyl Styrene	0.4032 0.6113	0.3676 0.6439	0.5866	0.6242	0.6336	Ave		0.5529				21.0		30.0			
tert-Butylbenzene	0.9289 1.1583	0.8559 1.2066	1.1119	1.1705	1.2014	Ave		1.0905				12.9		30.0			
1,2,4-Trimethylbenzene	0.9400 1.2257	0.8380 1.2511	1.1882	1.2486	1.2758	Ave		1.1382				15.4		30.0			
sec-Butylbenzene	1.3128 1.7482	1.1794 1.7953	1.6424	1.7470	1.8050	Ave		1.6043				15.8		30.0			
4-Isopropyltoluene	1.0966 1.4940	0.9757 1.5587	1.3844	1.4898	1.5352	Ave		1.3621				17.0		30.0			
1,3-Dichlorobenzene	0.7436 0.8158	0.5718 0.8648	0.7879	0.8200	0.8374	Ave		0.7773				12.7		30.0			
1,4-Dichlorobenzene	0.7473 0.8116	0.5728 0.8577	0.7773	0.8116	0.8309	Ave		0.7728				12.3		30.0			
Benzyl chloride	0.6517 0.8466	0.5473 1.0627	1.0492	1.0982	0.8832	Ave		0.8770				24.3		30.0			
n-Undecane	 0.6885	 0.6760	0.4387	0.6254	0.7185	Ave		0.6294				17.8		30.0			
n-Butylbenzene	0.8824 1.3193	0.7702 1.3080	1.2319	1.3341	1.3646	Ave		1.1729				20.7		30.0			
1,2-Dichlorobenzene	0.7066 0.7588	0.5773 0.7837	0.7550	0.7784	0.7865	Ave		0.7352				10.2		30.0			
n-Dodecane	 0.3885	 0.2590	0.3056	0.3499	0.3493	Ave		0.3305				15.0		30.0			
1,2,4-Trichlorobenzene	 0.4310	0.2373 0.3876	0.4179	0.4541	0.4294	Ave		0.3929				20.2		30.0			
Hexachlorobutadiene	0.3730 0.4057	0.3341 0.3975	0.3844	0.4024	0.4047	Ave		0.3860				6.7		30.0			
Naphthalene	 0.9011	0.6030 0.8517	0.9562	1.0504	0.8962	Ave		0.8764				17.2		30.0			
1,2,3-Trichlorobenzene	0.4120 0.3368	0.2442 0.2825	0.3508	0.3709	0.3358	Ave		0.3333				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-32216/3	ckn003.d
Level 2	IC 200-32216/4	ckn004.d
Level 3	IC 200-32216/5	ckn005.d
Level 4	ICIS 200-32216/6	ckn006.d
Level 5	IC 200-32216/7	ckn007.d
Level 6	IC 200-32216/8	ckn008.d
Level 7	IC 200-32216/9	ckn009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	642156	16532 1240324	164368	314426	485356	20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	2485758	62466 4872701	614618	1193357	1854488	20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	1354442	33567 2637649	324595	634842	996752	20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	25178 2734338	59489 5454358	648231	1261386	1997449	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	744558	20261 1467156	183785	352904	549575	20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	1502450	38845 2956367	362350	709222	1121511	20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	8824 943665	21038 1870415	222807	443210	692836	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	6682 748317	15779 1473218	176420	347389	547311	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	7939 857039	18872 1708098	202844	396006	630692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	518949	11690 1014200	123554	239319	381408	20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	12618 1154428	29829 2235241	279808	541983	855830	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	7974 876421	18003 1775936	199485	397587	636192	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	24325 2619217	57419 5253681	604358	1188424	1917664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	1778599	40124 3568449	404848	798336	1305041	20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	655374	76762 1536315	126117	210175	325033	40.0	5.00 100	10.0	15.0	20.0

FORM VI
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INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	6085 653922	13794 1339424	154761	321921	499536	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	255980	701003	75846	162005	209253	20.0	40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	16501 1878862	38614 3857410	413393	820421	1355175	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	7467 903288	17307 1838510	198005	397140	654204	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	1289077	2337743	313487	626319	1009349	20.0	40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	840327	1775656	203747	450077	672277	20.0	40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	2656196	54608 5421208	592373	1186028	1930584	20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	11251 1288376	25651 2544349	302623	595173	1022329	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	506136	1145797	121102	244482	434480	20.0	40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	957117	24737 1898633	226213	432115	703655	20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	1254439	2613182	305635	660300	1007457	20.0	40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	25163 2673066	57834 5455934	633481	1319326	2048683	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12245 1417165	29259 2862136	322442	627754	1032134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	599940	12906 1310646	143081	292396	464850	20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	14351 1626390	34223 3306317	366383	719803	1183134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	2130650	4623328	532377	1110237	1643135	20.0	40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	15818 1757954	37145 3577531	403002	793943	1283068	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	87276	180565	19844	42869	66490	20.0	40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	457413	12234 914910	104142	222224	350008	20.0	0.500 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	9302 1045324	21450 2172080	231548	465904	757183	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	966633	1961436	238074	491656	753459	20.0	40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chloroform	BCM	Ave	19212 2122194	44382 4309197	485032	962534	1547981	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	20949 2397414	48893 4895660	538969	1077750	1741905	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	13275 1560992	31155 3229203	341498	678699	1130422	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	20638 2473773	48452 5100456	552839	1101077	1794005	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	44935 5298632	104825 10931388	1166957	2363284	3839664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	30407 3297019	70515 6919593	727424	1463974	2378506	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	12446 1420173	30115 2820086	328153	657267	1046724	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	17225 1942193	39862 3899083	431540	875364	1422186	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	 335857	 868822	90256	193845	265595	 20.0	 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	12910 1523905	29830 3176879	331112	663493	1089895	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	10123 1128343	23648 2299443	256158	517389	824439	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	 1053256	18231 2206706	236948	515934	802172	 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	 361017	 776320	84509	190925	288519	 20.0	 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	9744 1205373	22309 2567945	255889	523241	860910	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	19138 2406049	46066 4886689	540096	1096972	1750887	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	15109 1739219	36032 3576930	399640	815107	1291237	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	 1945497	37964 3853172	460424	983555	1501938	 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	23656 2603835	54258 5107019	606415	1218080	1938680	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	20797 2395936	49993 5039162	535528	1094900	1770416	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	16278 1770301	35929 3715118	415673	847266	1327083	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9503 1070318	22261 2208485	249184	499976	794623	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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Lab Name: TestAmerica Burlington Job No.: 280-25294-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	16095 2048197	37222 4500446	428265	895881	1464780	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	 1883901	35315 3761791	438850	960549	1451528	 20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	17497 2377248	41133 5085011	520996	1076717	1736454	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	17096 2052504	38805 4306960	461773	940321	1511953	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	28642 3156461	63929 6723670	717855	1456155	2328319	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	19743 2451141	44974 4648094	547437	1149631	1835314	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	43535 5450255	102373 11214249	1194740	2530631	4070299	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	33055 4340919	77559 9254798	925189	1995781	3233954	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	16152 2028856	38090 4290835	449272	952392	1521019	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	23153 3306139	50872 7140868	699238	1534206	2450159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	16108 2358687	36148 5447930	494064	1061970	1714401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	44975 6007143	104649 13086979	1293182	2774311	4451344	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	24175 2824080	54922 5992313	654677	1365856	2126291	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	53231 7468447	118474 15799657	1575451	3445403	5530963	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	 2296131	43125 4641882	522434	1102943	1734368	 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	 3086404	33541 6332753	620292	1406975	2291481	 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	43565 6349129	97289 13930493	1346208	2939260	4716078	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	41578 5420024	93680 11425456	1183380	2494856	4028893	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	36337 5560289	84290 11817935	1146247	2533871	4115170	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	15488 2620912	34537 5765376	556905	1236433	1952598	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	35682 4966064	80409 10803359	1055687	2318457	3702181	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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SDG No.:

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ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	36111 5255052	78733 11201586	1128080	2473176	3931491	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	50430 7495490	110806 16073959	1559326	3460403	5562365	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	42124 6405600	91672 13955776	1314382	2951004	4730900	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	28566 3497607	53721 7742578	748042	1624238	2580727	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	28707 3479925	53819 7679147	737997	1607654	2560692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	25033 3629889	51424 9514593	996124	2175384	2721612	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	 2952057	 6052076	416503	1238862	2214195	 20.0	 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	33898 5656470	72360 11710968	1169618	2642499	4205383	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	27143 3253416	54239 7017090	716800	1541816	2423759	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	 1665695	 2319042	290136	693161	1076324	 20.0	 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	 1847693	22296 3470298	396780	899429	1323161	 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	14328 1739454	31393 3558973	364954	796994	1247073	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	 3863247	56653 7625329	907861	2080516	2761811	 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	15826 1444020	22945 2528944	333083	734647	1034883	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn003.d
Lab Smp Id: ic 260559 Client Smp ID: ic 260559
Inj Date : 12-JAN-2012 17:27
Operator : pad Inst ID: C.i
Smp Info : ic 260559
Misc Info : 200,1,level 01
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.977	4.977	(0.447)	7766	0.20000	0.26(a)
2 Dichlorodifluoromethane	85	5.068	5.057	(0.456)	23823	0.20000	0.21(a)
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	13057	0.20000	0.21(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	25178	0.20000	0.20
5 Chloromethane	50	5.522	5.516	(0.496)	9179	0.20000	0.26(a)
6 Butane	43	5.735	5.730	(0.515)	15806	0.20000	0.23(a)
7 Vinyl chloride	62	5.772	5.767	(0.519)	8824	0.20000	0.21
8 1,3-Butadiene	54	5.858	5.847	(0.527)	6682	0.20000	0.20
9 Bromomethane	94	6.525	6.509	(0.586)	7939	0.20000	0.21(M)
10 Chloroethane	64	6.712	6.712	(0.603)	4833	0.20000	0.21(aQ)
11 2-Methylbutane	43	6.786	6.781	(0.610)	12618	0.20000	0.23
12 Vinyl bromide	106	7.064	7.064	(0.635)	7974	0.20000	0.21
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	24325	0.20000	0.21
14 Pentane	43	7.267	7.256	(0.653)	16972	0.20000	0.21(a)

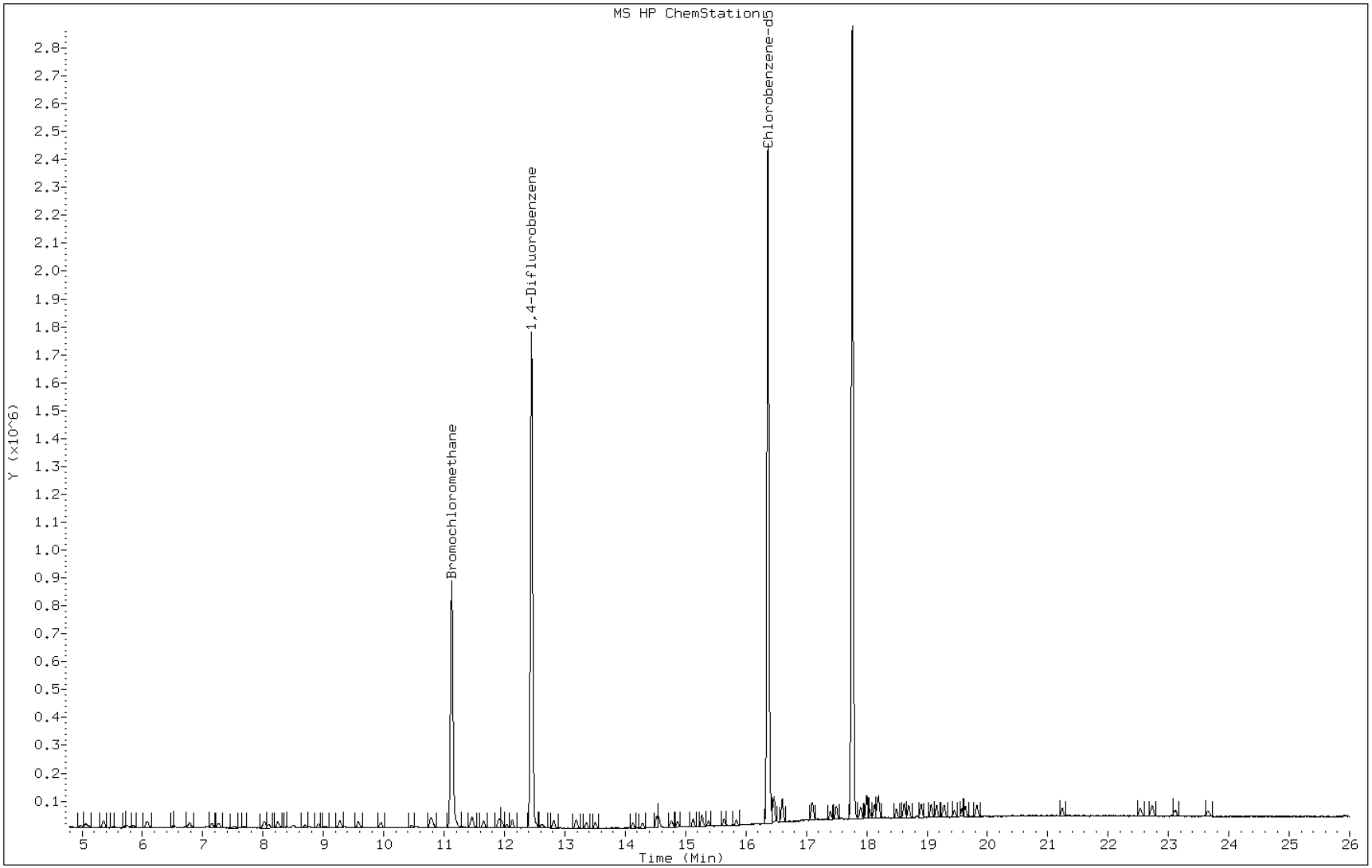
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.523	7.485	(0.676)	11591	0.20000	0.82(a)
16	Ethyl ether	59	7.688	7.656	(0.691)	6085	0.20000	0.20
17	1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	16501	0.20000	0.20
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	8.094	8.088	(0.728)	7467	0.20000	0.19(a)
20	Acetone	43	8.238	8.211	(0.740)	45743	0.20000	0.78(a)
21	Carbon disulfide	76	8.505	8.494	(0.764)	24039	0.20000	0.21(a)
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	8.697	8.692	(0.782)	11251	0.20000	0.20(a)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	8.921	8.910	(0.802)	12653	0.20000	0.29(a)
26	Tert-butyl alcohol	59	9.028	8.969	(0.811)	11928	0.20000	0.20(a)
27	Methyl tert-butyl ether	73	9.257	9.231	(0.832)	25163	0.20000	0.20
28	1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	12245	0.20000	0.20
29	Acrylonitrile	53	9.364	9.337	(0.842)	5682	0.20000	0.20(a)
30	n-Hexane	57	9.572	9.572	(0.860)	14351	0.20000	0.20
31	1,1-Dichloroethane	63	9.946	9.951	(0.894)	15818	0.20000	0.20(M)
32	Vinyl acetate	43	9.957	9.935	(0.895)	18813	0.20000	0.18(a)
M 33	1,2-Dichloroethene,Total	61				21547	0.40000	0.40
34	1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	9302	0.20000	0.20
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	10.789	10.762	(0.970)	6084	0.20000	0.28(aQ)
* 37	Bromochloromethane	128	11.125	11.125	(1.000)	359618	10.0000	
38	Tetrahydrofuran	42	11.200	11.152	(0.900)	9384	0.20000	0.20(a)
39	Chloroform	83	11.179	11.173	(1.005)	19212	0.20000	0.20
40	Cyclohexane	84	11.472	11.477	(0.922)	13275	0.20000	0.19(a)
41	1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	20949	0.20000	0.20
42	Carbon tetrachloride	117	11.654	11.648	(0.937)	20638	0.20000	0.19(a)
43	2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	44935	0.20000	0.19(a)
44	Benzene	78	11.958	11.958	(0.961)	30407	0.20000	0.20
45	1,2-Dichloroethane	62	12.038	12.032	(0.967)	12446	0.20000	0.19(aM)
46	n-Heptane	43	12.129	12.129	(0.975)	17225	0.20000	0.20
* 47	1,4-Difluorobenzene	114	12.444	12.443	(1.000)	2084982	10.0000	
48	n-Butanol	56	12.620	12.582	(1.014)	7866	0.20000	0.44(aQ)
49	Trichloroethene	95	12.817	12.812	(1.030)	12910	0.20000	0.19(a)
50	1,2-Dichloropropane	63	13.185	13.180	(1.060)	10123	0.20000	0.20
51	Methyl methacrylate	69	13.207	13.191	(1.061)	8103	0.20000	0.17(aQ)
52	Dibromomethane	174	13.356	13.356	(1.073)	9744	0.20000	0.19(a)
53	1,4-Dioxane	88	13.351	13.303	(1.073)	3643	0.20000	0.21(a)
54	Bromodichloromethane	83	13.506	13.505	(1.085)	19138	0.20000	0.18(a)
55	1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	15109	0.20000	0.19(a)
56	Methyl isobutyl ketone	43	14.290	14.269	(1.148)	16446	0.20000	0.18(a)
57	n-Octane	43	14.514	14.514	(1.166)	23656	0.20000	0.20(a)
58	Toluene	92	14.557	14.557	(0.889)	20797	0.20000	0.20
59	1,3-Dichloropropene (trans)	75	14.861	14.866	(1.194)	16278	0.20000	0.20
60	1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	9503	0.20000	0.20
61	Tetrachloroethene	166	15.267	15.272	(0.933)	16095	0.20000	0.18(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	15.384	15.363	(0.940)	15733	0.20000	0.19(a)
63	Dibromochloromethane	129	15.640	15.635	(0.956)	17497	0.20000	0.17(a)
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	17096	0.20000	0.19(a)
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1920699	10.0000	
66	Chlorobenzene	112	16.404	16.403	(1.002)	28642	0.20000	0.20
67	n-Nonane	57	16.462	16.462	(1.006)	19743	0.20000	0.19(a)
68	Ethylbenzene	91	16.462	16.462	(1.006)	43535	0.20000	0.18(a)
69	Xylene (m,p)	106	16.601	16.601	(1.014)	33055	0.40000	0.36(a)
M 70	Xylenes, Total	106				49207	0.20000	0.54
71	Xylene (o)	106	17.092	17.092	(1.044)	16152	0.20000	0.18(a)
72	Styrene	104	17.108	17.113	(1.045)	23153	0.20000	0.17(a)
73	Bromoform	173	17.396	17.401	(1.063)	16108	0.20000	0.16(a)
74	Isopropylbenzene	105	17.492	17.497	(1.069)	44975	0.20000	0.18(a)
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	24175	0.20000	0.19(a)
76	n-Propylbenzene	91	17.999	17.994	(1.100)	53231	0.20000	0.17(a)
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	19789	0.20000	0.19(a)
78	n-Decane	57	18.047	18.047	(1.103)	13982	0.20000	0.11(a)
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	43565	0.20000	0.16(a)
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	41578	0.20000	0.18(a)
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	36337	0.20000	0.16(a)
82	Alpha Methyl Styrene	118	18.501	18.495	(1.130)	15488	0.20000	0.15(a)
83	tert-butylbenzene	119	18.624	18.618	(1.138)	35682	0.20000	0.17(a)
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	36111	0.20000	0.17(a)
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	50430	0.20000	0.16(a)
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	42124	0.20000	0.16(a)
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	28566	0.20000	0.19(a)
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	28707	0.20000	0.19(a)
89	Benzyl chloride	91	19.446	19.445	(1.188)	25033	0.20000	0.15(a)
90	Undecane	57	19.579	19.573	(1.196)	14074	0.20000	0.12(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	33898	0.20000	0.15(a)
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	27143	0.20000	0.19(a)
93	Dodecane	57	21.239	21.239	(1.298)	14996	0.20000	0.24(a)
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	17529	0.20000	0.23(a)
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	14328	0.20000	0.19(a)
96	Naphthalene	128	23.101	23.107	(1.412)	40018	0.20000	0.24(a)
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	15826	0.20000	0.25

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:	ckn003.d	Date:	12-JAN-2012 17:27
Client ID:	ic 260559	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260559		
Lab Sample ID:	ic 260559		



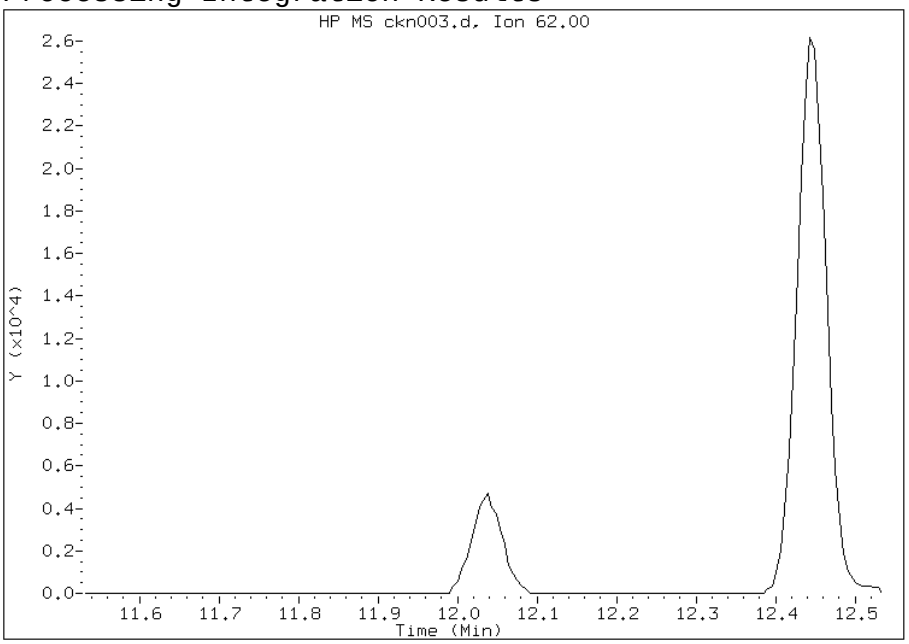
Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 01/13/2012

Processing Integration Results

Not Detected

Expected RT: 12.03



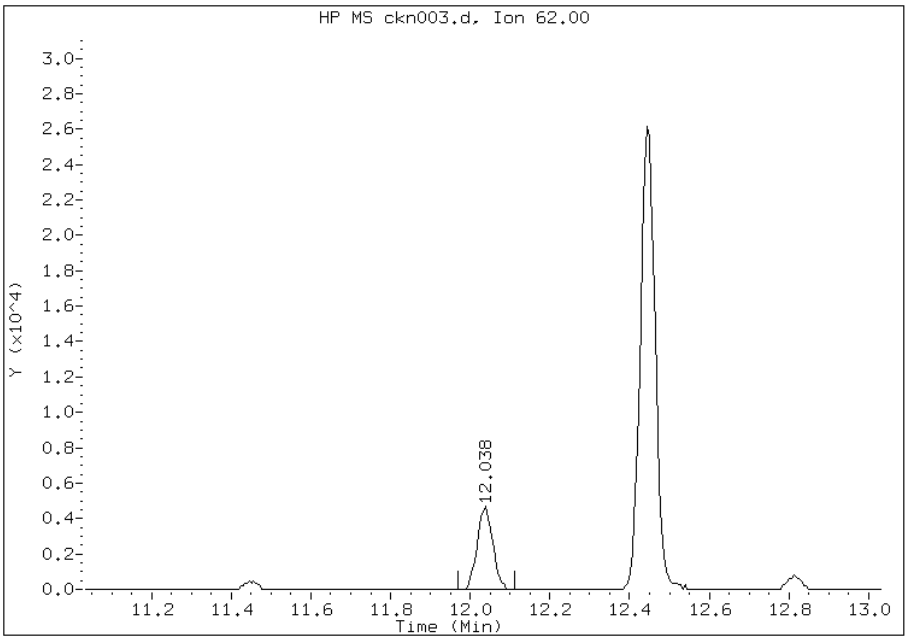
Manual Integration Results

RT: 12.04

Response: 12446

Amount: 0.194563

Conc: 0.194563



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 9 Bromomethane
CAS #: 74-83-9
Report Date: 01/13/2012

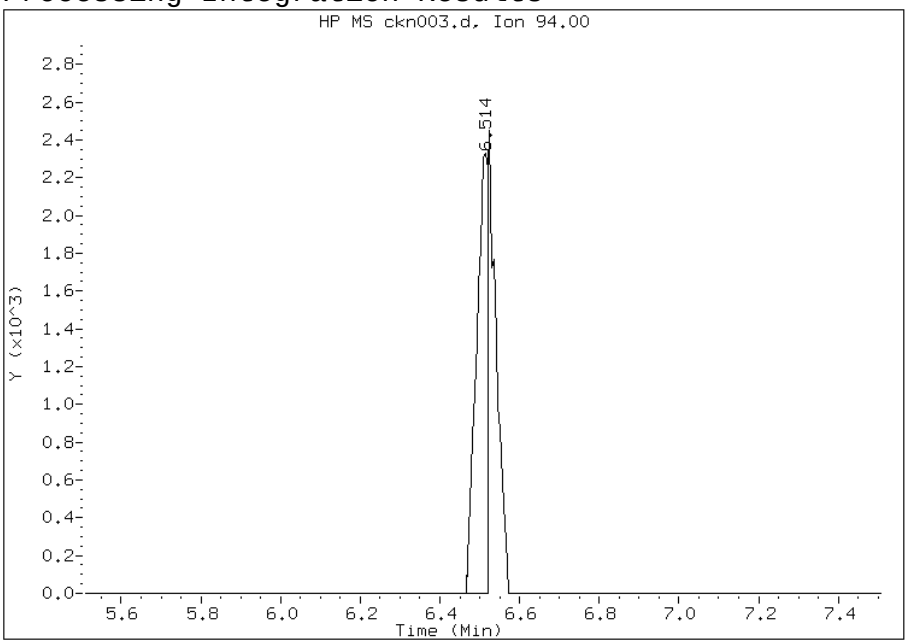
Processing Integration Results

RT: 6.51

Response: 4609

Amount: 0.149917

Conc: 0.149917



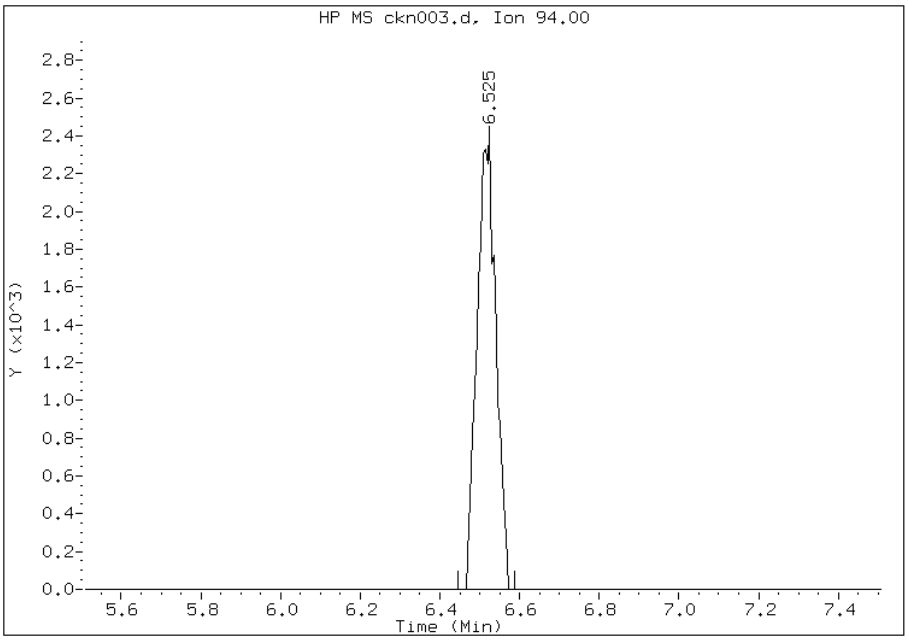
Manual Integration Results

RT: 6.52

Response: 7939

Amount: 0.205109

Conc: 0.205109



File Uploaded By: wrd
Manual Integration Reason: Baseline event

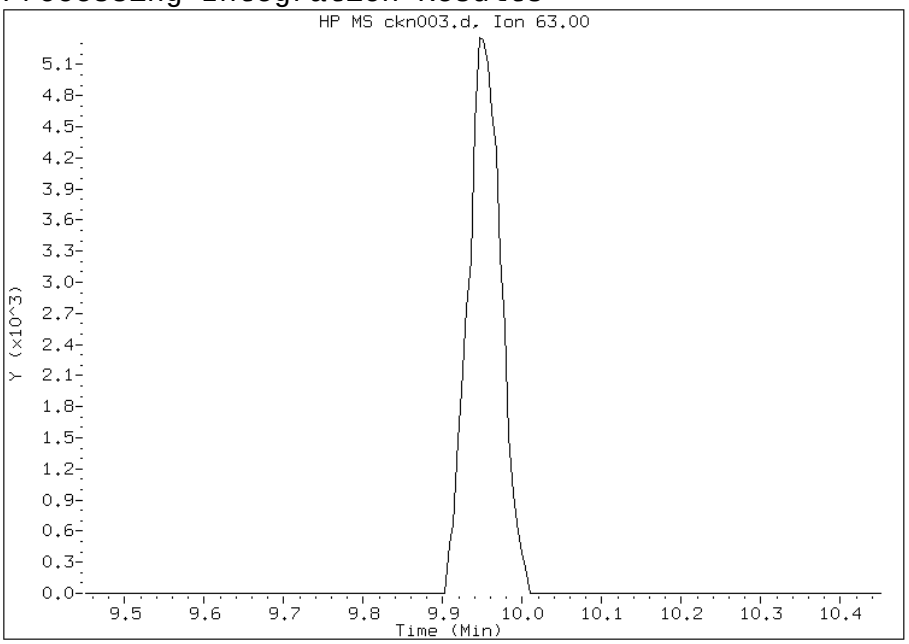
Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 01/13/2012

Processing Integration Results

Not Detected

Expected RT: 9.95



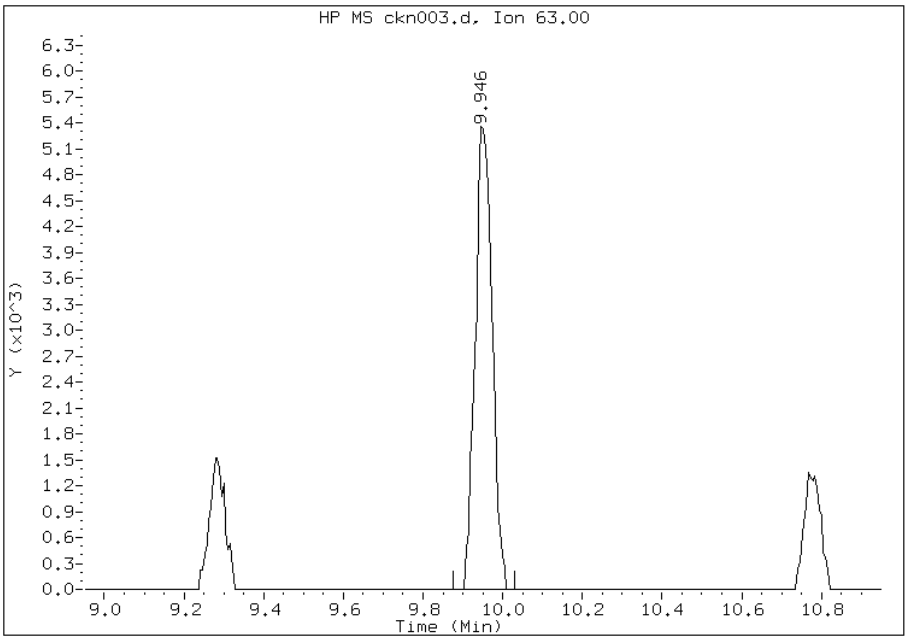
Manual Integration Results

RT: 9.95

Response: 15818

Amount: 0.202547

Conc: 0.202547



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/cknto15.b/ckn004.d
Lab Smp Id: ic 260524 Client Smp ID: ic 260524
Inj Date : 12-JAN-2012 18:17
Operator : pad Inst ID: C.i
Smp Info : ic 260524
Misc Info : 200,1,level 02
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 18:17 Cal File: ckn004.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	4.982	4.977	(0.448)	16532	0.50000	0.56(a)
2 Dichlorodifluoromethane	85	5.063	5.057	(0.455)	62466	0.50000	0.55
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	33567	0.50000	0.55
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	59489	0.50000	0.50
5 Chloromethane	50	5.527	5.516	(0.497)	20261	0.50000	0.59
6 Butane	43	5.735	5.730	(0.515)	38845	0.50000	0.57
7 Vinyl chloride	62	5.772	5.767	(0.519)	21038	0.50000	0.50
8 1,3-Butadiene	54	5.858	5.847	(0.527)	15779	0.50000	0.48
9 Bromomethane	94	6.520	6.509	(0.586)	18872	0.50000	0.50
10 Chloroethane	64	6.717	6.712	(0.604)	11690	0.50000	0.51
11 2-Methylbutane	43	6.786	6.781	(0.610)	29829	0.50000	0.56
12 Vinyl bromide	106	7.075	7.064	(0.636)	18003	0.50000	0.48
13 Trichlorofluoromethane	101	7.155	7.149	(0.643)	57419	0.50000	0.50
14 Pentane	43	7.261	7.256	(0.653)	40124	0.50000	0.52

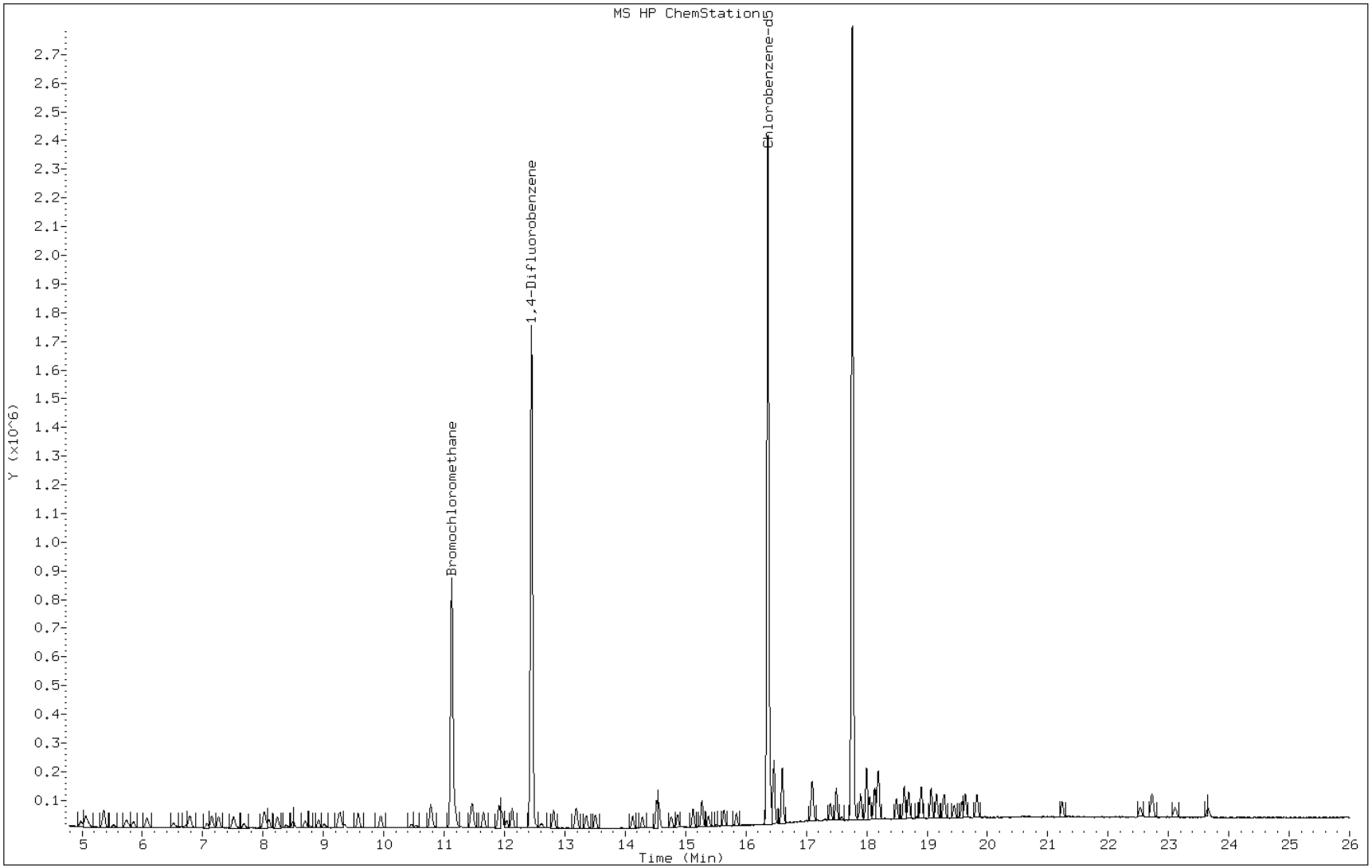
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.512	7.485	(0.675)	76762	5.00000	5.6
16	Ethyl ether	59	7.688	7.656	(0.691)	13794	0.50000	0.47(Q)
17	1,1,2-Trichloro-1,2,2-trifluo	101	8.025	8.014	(0.721)	38614	0.50000	0.48
18	Acrolein	56	7.992	7.976	(0.718)	7648	0.50000	0.56(a)
19	1,1-Dichloroethene	96	8.099	8.088	(0.728)	17307	0.50000	0.46
20	Acetone	43	8.238	8.211	(0.740)	80792	0.50000	1.4(a)
21	Carbon disulfide	76	8.499	8.494	(0.764)	54608	0.50000	0.48(a)
22	Isopropanol	45	8.382	8.350	(0.753)	22197	0.50000	0.57(a)
23	Allyl chloride	41	8.697	8.692	(0.782)	25651	0.50000	0.46(a)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	8.916	8.910	(0.801)	24737	0.50000	0.57
26	Tert-butyl alcohol	59	9.017	8.969	(0.810)	27735	0.50000	0.48(a)
27	Methyl tert-butyl ether	73	9.257	9.231	(0.832)	57834	0.50000	0.48
28	1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	29259	0.50000	0.48
29	Acrylonitrile	53	9.359	9.337	(0.841)	12906	0.50000	0.48(aM)
30	n-Hexane	57	9.578	9.572	(0.861)	34223	0.50000	0.49
31	1,1-Dichloroethane	63	9.951	9.951	(0.894)	37145	0.50000	0.49
32	Vinyl acetate	43	9.946	9.935	(0.894)	41193	0.50000	0.41(a)
M 33	1,2-Dichloroethene,Total	61				50709	1.00000	0.96
34	1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	21450	0.50000	0.48
35	Ethyl acetate	88	10.778	10.762	(0.969)	1696	0.50000	0.44(a)
36	Methyl Ethyl Ketone	72	10.784	10.762	(0.969)	12234	0.50000	0.58(Q)
* 37	Bromochloromethane	128	11.125	11.125	(1.000)	351020	10.0000	
38	Tetrahydrofuran	42	11.189	11.152	(0.899)	20866	0.50000	0.46(a)
39	Chloroform	83	11.173	11.173	(1.004)	44382	0.50000	0.48
40	Cyclohexane	84	11.483	11.477	(0.922)	31155	0.50000	0.47
41	1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	48893	0.50000	0.47
42	Carbon tetrachloride	117	11.648	11.648	(0.936)	48452	0.50000	0.46
43	2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	104825	0.50000	0.46
44	Benzene	78	11.958	11.958	(0.961)	70515	0.50000	0.49
45	1,2-Dichloroethane	62	12.033	12.032	(0.967)	30115	0.50000	0.48
46	n-Heptane	43	12.129	12.129	(0.974)	39862	0.50000	0.47
* 47	1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2028243	10.0000	
48	n-Butanol	56	12.609	12.582	(1.013)	10632	0.50000	0.62(a)
49	Trichloroethene	95	12.817	12.812	(1.030)	29830	0.50000	0.46
50	1,2-Dichloropropane	63	13.180	13.180	(1.059)	23648	0.50000	0.48
51	Methyl methacrylate	69	13.196	13.191	(1.060)	18231	0.50000	0.40(aQ)
52	Dibromomethane	174	13.361	13.356	(1.073)	22309	0.50000	0.44
53	1,4-Dioxane	88	13.345	13.303	(1.072)	7505	0.50000	0.44(a)
54	Bromodichloromethane	83	13.506	13.505	(1.085)	46066	0.50000	0.45
55	1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	36032	0.50000	0.47
56	Methyl isobutyl ketone	43	14.285	14.269	(1.147)	37964	0.50000	0.44(a)
57	n-Octane	43	14.520	14.514	(1.166)	54258	0.50000	0.47(a)
58	Toluene	92	14.557	14.557	(0.890)	49993	0.50000	0.48
59	1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	35929	0.50000	0.45
60	1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	22261	0.50000	0.47
61	Tetrachloroethene	166	15.272	15.272	(0.933)	37222	0.50000	0.44

	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	15.379	15.363	(0.940)	35315	0.50000	0.42(a)
63	Dibromochloromethane	129	15.640	15.635	(0.956)	41133	0.50000	0.42
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	38805	0.50000	0.44
* 65	Chlorobenzene-d5	117	16.361	16.366	(1.000)	1879037	10.0000	
66	Chlorobenzene	112	16.398	16.403	(1.002)	63929	0.50000	0.46(Q)
67	n-Nonane	57	16.462	16.462	(1.006)	44974	0.50000	0.44
68	Ethylbenzene	91	16.462	16.462	(1.006)	102373	0.50000	0.44
69	Xylene (m,p)	106	16.601	16.601	(1.015)	77559	1.00000	0.85
M 70	Xylenes, Total	106				115649	0.50000	1.3
71	Xylene (o)	106	17.092	17.092	(1.045)	38090	0.50000	0.44
72	Styrene	104	17.108	17.113	(1.046)	50872	0.50000	0.38
73	Bromoform	173	17.401	17.401	(1.064)	36148	0.50000	0.38
74	Isopropylbenzene	105	17.498	17.497	(1.069)	104649	0.50000	0.42
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	54922	0.50000	0.44
76	n-Propylbenzene	91	17.994	17.994	(1.100)	118474	0.50000	0.39
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	43125	0.50000	0.43(a)
78	n-Decane	57	18.047	18.047	(1.103)	33541	0.50000	0.28(a)
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	97289	0.50000	0.38
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	93680	0.50000	0.41
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	84290	0.50000	0.38
82	Alpha Methyl Styrene	118	18.496	18.495	(1.130)	34537	0.50000	0.33
83	tert-butylbenzene	119	18.618	18.618	(1.138)	80409	0.50000	0.39
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.143)	78733	0.50000	0.37
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	110806	0.50000	0.37
86	4-Isopropyltoluene	119	19.067	19.066	(1.165)	91672	0.50000	0.36
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	53721	0.50000	0.37
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	53819	0.50000	0.37
89	Benzyl chloride	91	19.445	19.445	(1.189)	51424	0.50000	0.31
90	Undecane	57	19.579	19.573	(1.197)	28853	0.50000	0.24(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	72360	0.50000	0.33
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	54239	0.50000	0.39
93	Dodecane	57	21.239	21.239	(1.298)	30400	0.50000	0.49(a)
94	1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	22296	0.50000	0.30(a)
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	31393	0.50000	0.43
96	Naphthalene	128	23.112	23.107	(1.413)	56653	0.50000	0.34(a)
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.446)	22945	0.50000	0.37

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:	ckn004.d	Date:	12-JAN-2012 18:17
Client ID:	ic 260524	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260524		
Lab Sample ID:	ic 260524		



Manual Integration Report

Data File: ckn004.d
Lab Sample ID: ic 260524
Inj. Date and Time: 12-JAN-2012 18:17
Instrument ID: C.i
Client ID: ic 260524
Compound: 29 Acrylonitrile
CAS #: 107-13-1
Report Date: 01/13/2012

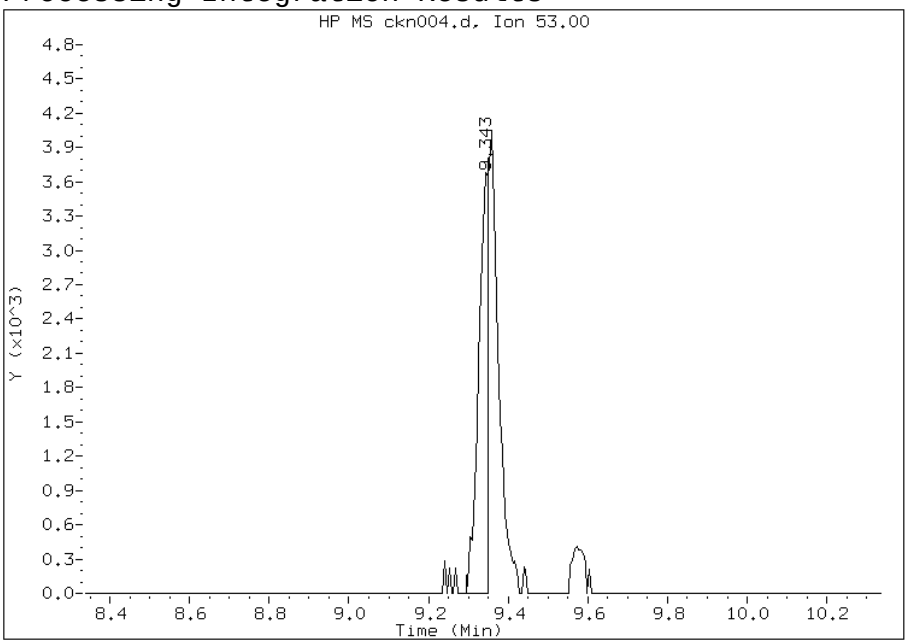
Processing Integration Results

RT: 9.34

Response: 6017

Amount: 0.242255

Conc: 0.242255



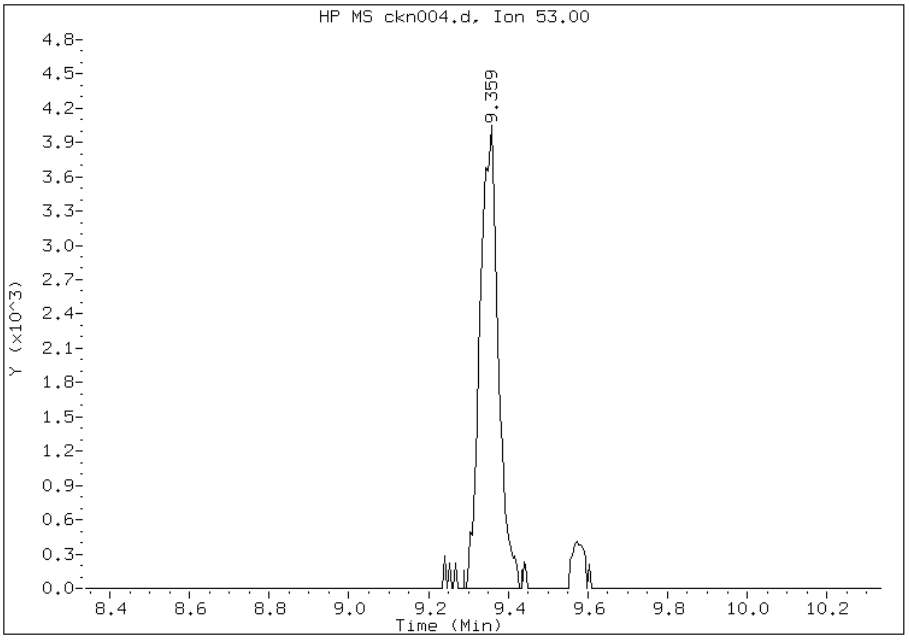
Manual Integration Results

RT: 9.36

Response: 12906

Amount: 0.475642

Conc: 0.475642



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn005.d
Lab Smp Id: ic 275708 Client Smp ID: ic 275708
Inj Date : 12-JAN-2012 19:07
Operator : pad Inst ID: C.i
Smp Info : ic 275708
Misc Info : 200,1,level 03
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 19:07 Cal File: ckn005.d
Als bottle: 4 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	4.982	4.977	(0.448)	164368	5.00000	5.5
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	614618	5.00000	5.4
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	324595	5.00000	5.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	648231	5.00000	5.4
5 Chloromethane	50	5.516	5.516	(0.496)	183785	5.00000	5.3
6 Butane	43	5.735	5.730	(0.515)	362350	5.00000	5.3
7 Vinyl chloride	62	5.772	5.767	(0.519)	222807	5.00000	5.3
8 1,3-Butadiene	54	5.847	5.847	(0.526)	176420	5.00000	5.4
9 Bromomethane	94	6.514	6.509	(0.586)	202844	5.00000	5.3
10 Chloroethane	64	6.717	6.712	(0.604)	123554	5.00000	5.4
11 2-Methylbutane	43	6.786	6.781	(0.610)	279808	5.00000	5.2
12 Vinyl bromide	106	7.069	7.064	(0.635)	199485	5.00000	5.2
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	604358	5.00000	5.2
14 Pentane	43	7.267	7.256	(0.653)	404848	5.00000	5.2

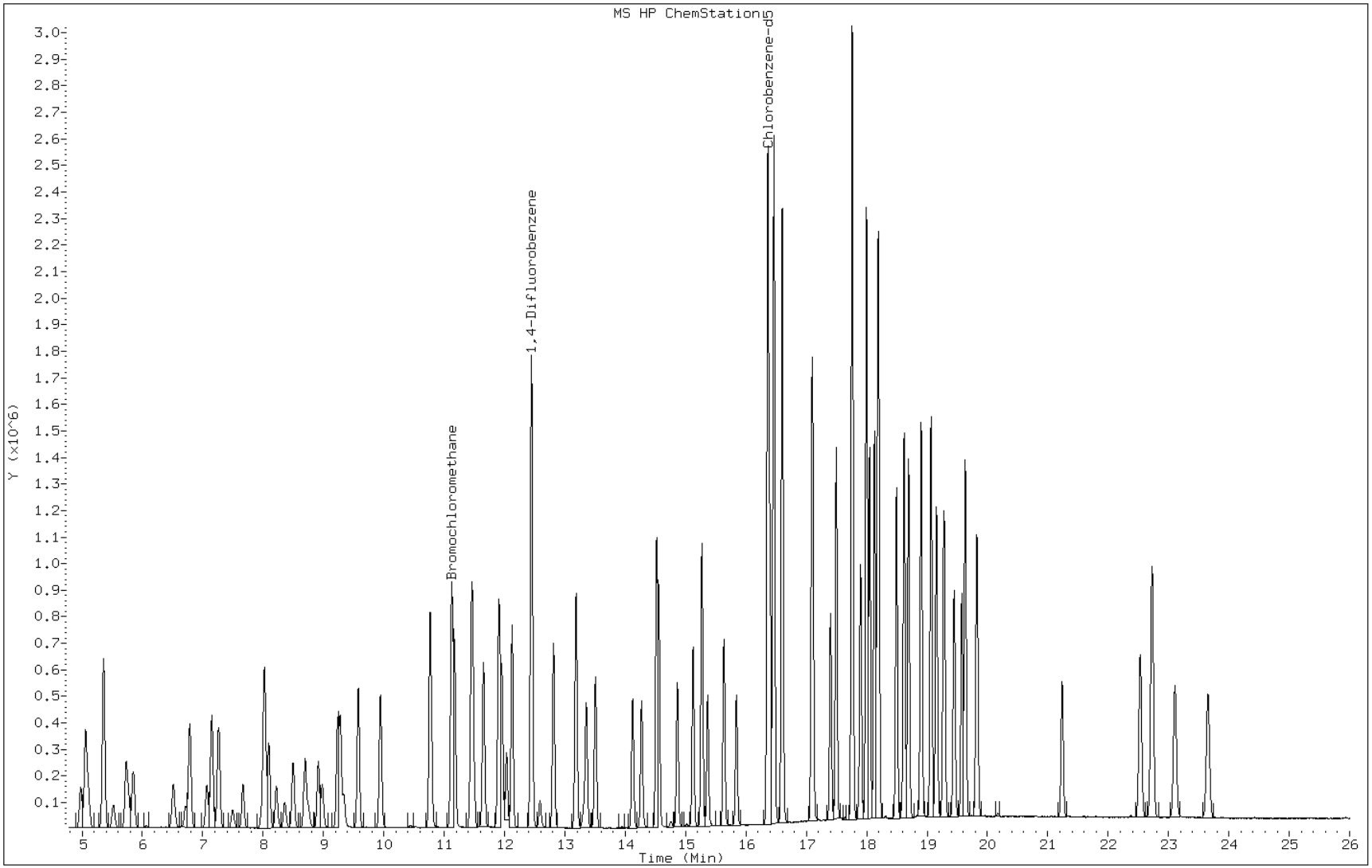
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.496	7.485	(0.674)	126117	10.0000	9.1
	16 Ethyl ether	59	7.667	7.656	(0.689)	154761	5.00000	5.3
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	413393	5.00000	5.1
	18 Acrolein	56	7.982	7.976	(0.717)	75846	5.00000	5.5
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	198005	5.00000	5.2
	20 Acetone	43	8.216	8.211	(0.739)	313487	5.00000	5.5
	21 Carbon disulfide	76	8.494	8.494	(0.763)	592373	5.00000	5.2
	22 Isopropanol	45	8.355	8.350	(0.751)	203747	5.00000	5.2
	23 Allyl chloride	41	8.697	8.692	(0.782)	302623	5.00000	5.4(M)
	24 Acetonitrile	41	8.740	8.692	(0.786)	121102	5.00000	5.1(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	226213	5.00000	5.2
	26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	305635	5.00000	5.2
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	633481	5.00000	5.3
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	322442	5.00000	5.3
	29 Acrylonitrile	53	9.337	9.337	(0.839)	143081	5.00000	5.2
	30 n-Hexane	57	9.577	9.572	(0.861)	366383	5.00000	5.2
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	403002	5.00000	5.3
	32 Vinyl acetate	43	9.940	9.935	(0.894)	532377	5.00000	5.3
M	33 1,2-Dichloroethene,Total	61				553990	10.0000	10
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	231548	5.00000	5.1
	35 Ethyl acetate	88	10.768	10.762	(0.968)	19844	5.00000	5.1
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	104142	5.00000	4.9
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	352678	10.0000	
	38 Tetrahydrofuran	42	11.162	11.152	(0.897)	238074	5.00000	5.3
	39 Chloroform	83	11.173	11.173	(1.004)	485032	5.00000	5.3
	40 Cyclohexane	84	11.477	11.477	(0.922)	341498	5.00000	5.1
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	538969	5.00000	5.2
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	552839	5.00000	5.2
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.956)	1166957	5.00000	5.1
	44 Benzene	78	11.958	11.958	(0.961)	727424	5.00000	5.0
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	328153	5.00000	5.2
	46 n-Heptane	43	12.128	12.129	(0.974)	431540	5.00000	5.1
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2044699	10.0000	
	48 n-Butanol	56	12.593	12.582	(1.012)	90256	5.00000	5.2
	49 Trichloroethene	95	12.812	12.812	(1.029)	331112	5.00000	5.1
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	256158	5.00000	5.1
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	236948	5.00000	5.1
	52 Dibromomethane	174	13.356	13.356	(1.073)	255889	5.00000	5.0
	53 1,4-Dioxane	88	13.308	13.303	(1.069)	84509	5.00000	4.9(a)
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	540096	5.00000	5.2
	55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	399640	5.00000	5.2
	56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	460424	5.00000	5.3
	57 n-Octane	43	14.514	14.514	(1.166)	606415	5.00000	5.2
	58 Toluene	92	14.557	14.557	(0.889)	535528	5.00000	5.1
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	415673	5.00000	5.2
	60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	249184	5.00000	5.2
	61 Tetrachloroethene	166	15.267	15.272	(0.933)	428265	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	15.363	15.363	(0.939)	438850	5.00000	5.2
63	Dibromochloromethane	129	15.635	15.635	(0.955)	520996	5.00000	5.2
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	461773	5.00000	5.2
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1898863	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	717855	5.00000	5.1
67	n-Nonane	57	16.462	16.462	(1.006)	547437	5.00000	5.3
68	Ethylbenzene	91	16.462	16.462	(1.006)	1194740	5.00000	5.1
69	Xylene (m,p)	106	16.601	16.601	(1.014)	925189	10.0000	10
M 70	Xylenes, Total	106				1374461	5.00000	15
71	Xylene (o)	106	17.092	17.092	(1.044)	449272	5.00000	5.1
72	Styrene	104	17.108	17.113	(1.045)	699238	5.00000	5.1
73	Bromoform	173	17.401	17.401	(1.063)	494064	5.00000	5.1
74	Isopropylbenzene	105	17.497	17.497	(1.069)	1293182	5.00000	5.1
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	654677	5.00000	5.2
76	n-Propylbenzene	91	17.994	17.994	(1.099)	1575451	5.00000	5.1
77	1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	522434	5.00000	5.2
78	n-Decane	57	18.047	18.047	(1.103)	620292	5.00000	5.0
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	1346208	5.00000	5.1
80	2-Chlorotoluene	91	18.180	18.181	(1.111)	1183380	5.00000	5.2
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	1146247	5.00000	5.1
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	556905	5.00000	5.3
83	tert-butylbenzene	119	18.618	18.618	(1.138)	1055687	5.00000	5.1
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	1128080	5.00000	5.2
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	1559326	5.00000	5.1
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	1314382	5.00000	5.1
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	748042	5.00000	5.1
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	737997	5.00000	5.0
89	Benzyl chloride	91	19.445	19.445	(1.188)	996124	5.00000	6.0
90	Undecane	57	19.573	19.573	(1.196)	416503	5.00000	3.5(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	1169618	5.00000	5.3
92	1,2-Dichlorobenzene	146	19.824	19.830	(1.211)	716800	5.00000	5.1
93	Dodecane	57	21.239	21.239	(1.298)	290136	5.00000	4.6(a)
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	396780	5.00000	5.3
95	1,3-Hexachlorobutadiene	225	22.728	22.733	(1.389)	364954	5.00000	5.0
96	Naphthalene	128	23.106	23.107	(1.412)	907861	5.00000	5.5
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	333083	5.00000	5.3

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:	ckn005.d	Date:	12-JAN-2012 19:07
Client ID:	ic 275708	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 275708		
Lab Sample ID:	ic 275708		



Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

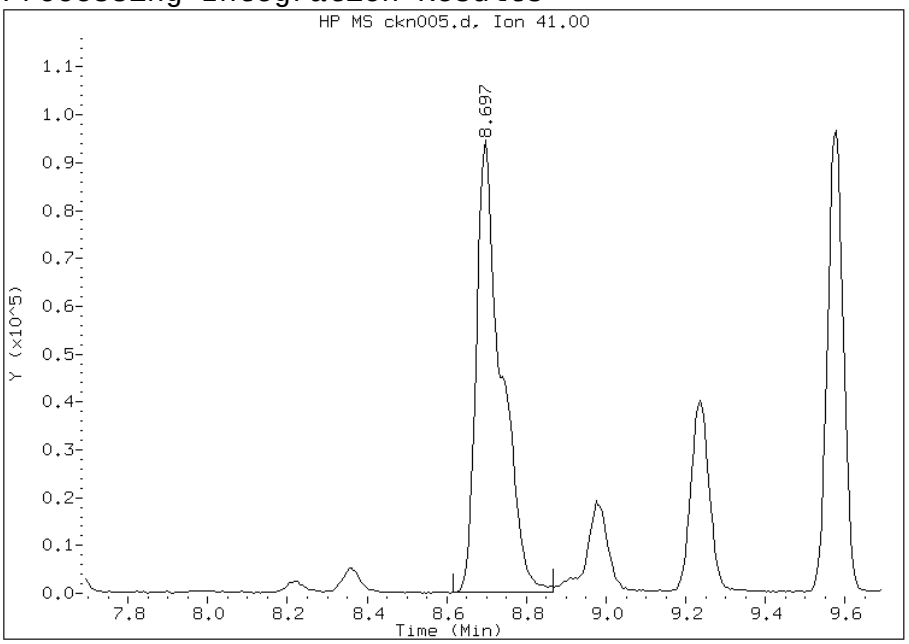
Processing Integration Results

RT: 8.70

Response: 411674

Amount: 5.31

Conc: 5.31



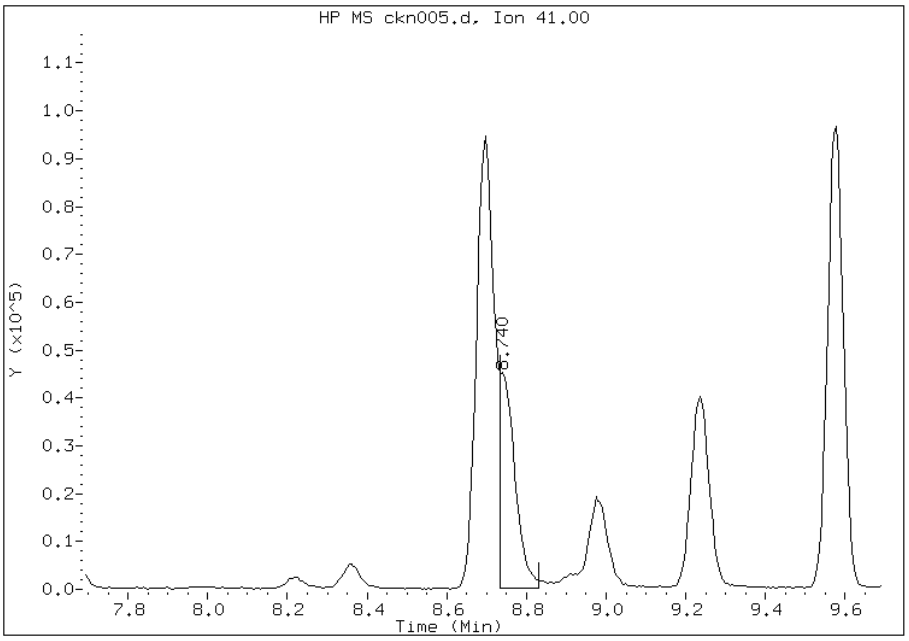
Manual Integration Results

RT: 8.74

Response: 121102

Amount: 5.07

Conc: 5.07



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

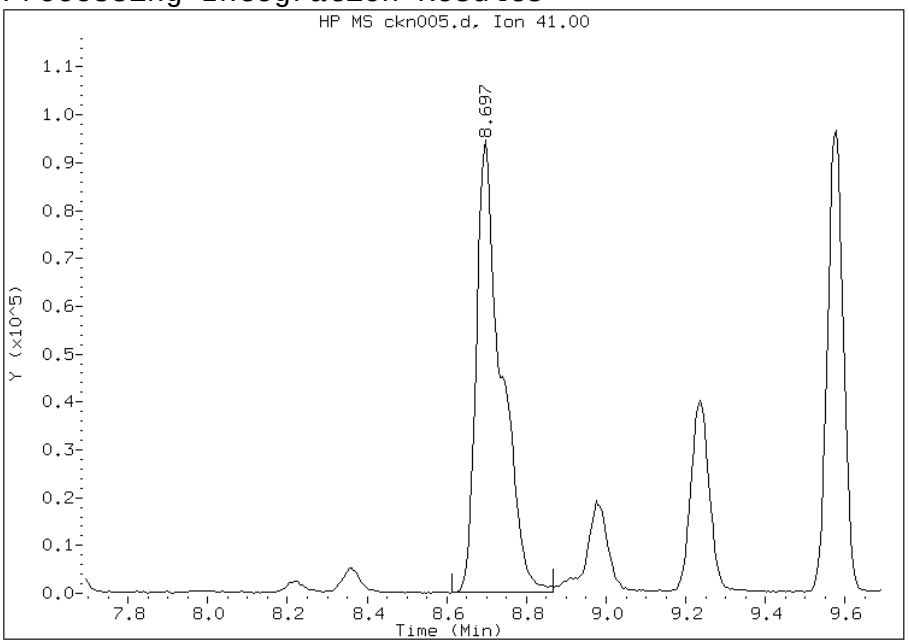
Processing Integration Results

RT: 8.70

Response: 411899

Amount: 6.18

Conc: 6.18



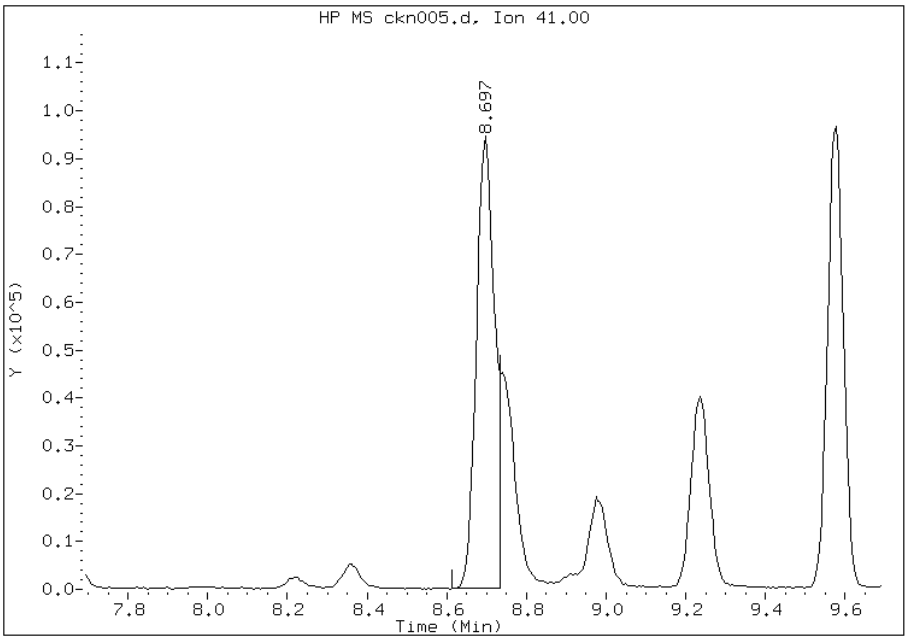
Manual Integration Results

RT: 8.70

Response: 302623

Amount: 5.37

Conc: 5.37



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn006.d
Lab Smp Id: icis 275681 Client Smp ID: icis 275681
Inj Date : 12-JAN-2012 19:56
Operator : pad Inst ID: C.i
Smp Info : icis 275681
Misc Info : 200,1,level 04
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 19:56 Cal File: ckn006.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	4.977	4.977	(0.447)	314426	10.0000	10
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	1193357	10.0000	10
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	634842	10.0000	9.9
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	1261386	10.0000	10
5 Chloromethane	50	5.516	5.516	(0.496)	352904	10.0000	9.7
6 Butane	43	5.730	5.730	(0.515)	709222	10.0000	9.8
7 Vinyl chloride	62	5.767	5.767	(0.518)	443210	10.0000	10
8 1,3-Butadiene	54	5.847	5.847	(0.526)	347389	10.0000	10
9 Bromomethane	94	6.509	6.509	(0.585)	396006	10.0000	9.9
10 Chloroethane	64	6.712	6.712	(0.603)	239319	10.0000	9.9
11 2-Methylbutane	43	6.781	6.781	(0.610)	541983	10.0000	9.6
12 Vinyl bromide	106	7.064	7.064	(0.635)	397587	10.0000	10
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	1188424	10.0000	9.8
14 Pentane	43	7.256	7.256	(0.652)	798336	10.0000	9.8

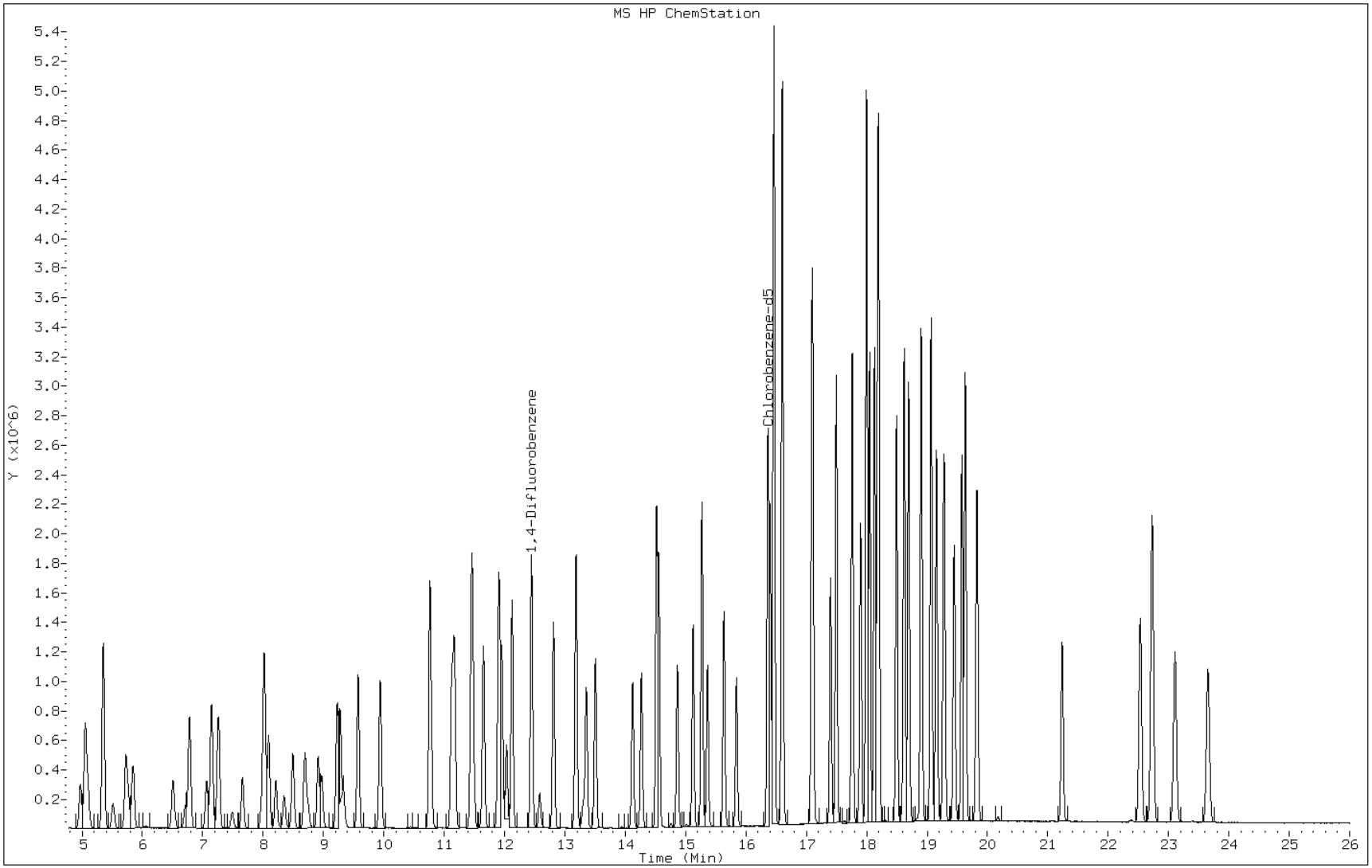
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.485	7.485	(0.673)	210175	15.0000	14
	16 Ethyl ether	59	7.656	7.656	(0.688)	321921	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.720)	820421	10.0000	9.7
	18 Acrolein	56	7.976	7.976	(0.717)	162005	10.0000	11
	19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	397140	10.0000	10
	20 Acetone	43	8.211	8.211	(0.738)	626319	10.0000	10
	21 Carbon disulfide	76	8.494	8.494	(0.764)	1186028	10.0000	9.9
	22 Isopropanol	45	8.350	8.350	(0.751)	450077	10.0000	11
	23 Allyl chloride	41	8.692	8.692	(0.781)	595173	10.0000	10(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	244482	10.0000	9.8(QM)
	25 Methylene chloride	49	8.910	8.910	(0.801)	432115	10.0000	9.5
	26 Tert-butyl alcohol	59	8.969	8.969	(0.806)	660300	10.0000	11
	27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	1319326	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	627754	10.0000	9.8
	29 Acrylonitrile	53	9.337	9.337	(0.839)	292396	10.0000	10
	30 n-Hexane	57	9.572	9.572	(0.860)	719803	10.0000	9.8
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	793943	10.0000	9.9
	32 Vinyl acetate	43	9.935	9.935	(0.893)	1110237	10.0000	11
M	33 1,2-Dichloroethene,Total	61				1093658	20.0000	20
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	465904	10.0000	9.8
	35 Ethyl acetate	88	10.762	10.762	(0.967)	42869	10.0000	10
	36 Methyl Ethyl Ketone	72	10.762	10.762	(0.967)	222224	10.0000	10
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	370433	10.0000	
	38 Tetrahydrofuran	42	11.152	11.152	(0.896)	491656	10.0000	11
	39 Chloroform	83	11.173	11.173	(1.004)	962534	10.0000	9.9
	40 Cyclohexane	84	11.477	11.477	(0.922)	678699	10.0000	9.8
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1077750	10.0000	10
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	1101077	10.0000	10
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2363284	10.0000	10
	44 Benzene	78	11.958	11.958	(0.961)	1463974	10.0000	9.7
	45 1,2-Dichloroethane	62	12.032	12.032	(0.967)	657267	10.0000	10
	46 n-Heptane	43	12.129	12.129	(0.975)	875364	10.0000	10
*	47 1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2111595	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	193845	10.0000	11
	49 Trichloroethene	95	12.812	12.812	(1.030)	663493	10.0000	9.8
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	517389	10.0000	10
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	515934	10.0000	11
	52 Dibromomethane	174	13.356	13.356	(1.073)	523241	10.0000	10
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	190925	10.0000	11
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	1096972	10.0000	10
	55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	815107	10.0000	10
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.147)	983555	10.0000	11
	57 n-Octane	43	14.514	14.514	(1.166)	1218080	10.0000	10
	58 Toluene	92	14.557	14.557	(0.889)	1094900	10.0000	10
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	847266	10.0000	10
	60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	499976	10.0000	10
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	895881	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	15.363	15.363	(0.939)	960549	10.0000	11
63	Dibromochloromethane	129	15.635	15.635	(0.955)	1076717	10.0000	10
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	940321	10.0000	10
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1980776	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	1456155	10.0000	10
67	n-Nonane	57	16.462	16.462	(1.006)	1149631	10.0000	11
68	Ethylbenzene	91	16.462	16.462	(1.006)	2530631	10.0000	10
69	Xylene (m,p)	106	16.601	16.601	(1.014)	1995781	20.0000	21
M 70	Xylenes, Total	106				2948173	10.0000	31
71	Xylene (o)	106	17.092	17.092	(1.044)	952392	10.0000	10
72	Styrene	104	17.113	17.113	(1.046)	1534206	10.0000	11
73	Bromoform	173	17.401	17.401	(1.063)	1061970	10.0000	10
74	Isopropylbenzene	105	17.497	17.497	(1.069)	2774311	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	1365856	10.0000	10
76	n-Propylbenzene	91	17.994	17.994	(1.099)	3445403	10.0000	11
77	1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	1102943	10.0000	10
78	n-Decane	57	18.047	18.047	(1.103)	1406975	10.0000	11
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	2939260	10.0000	11
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	2494856	10.0000	10
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	2533871	10.0000	11
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1236433	10.0000	11
83	tert-butylbenzene	119	18.618	18.618	(1.138)	2318457	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	2473176	10.0000	11
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	3460403	10.0000	11
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	2951004	10.0000	11
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	1624238	10.0000	11
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	1607654	10.0000	11
89	Benzyl chloride	91	19.445	19.445	(1.188)	2175384	10.0000	13
90	Undecane	57	19.573	19.573	(1.196)	1238862	10.0000	9.9
91	n-Butylbenzene	91	19.632	19.632	(1.200)	2642499	10.0000	11
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	1541816	10.0000	11
93	Dodecane	57	21.239	21.239	(1.298)	693161	10.0000	11
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	899429	10.0000	12
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	796994	10.0000	10
96	Naphthalene	128	23.107	23.107	(1.412)	2080516	10.0000	12
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	734647	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn006.d	Date:	12-JAN-2012 19:56
Client ID:	icis 275681	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icis 275681		
Lab Sample ID:	icis 275681		



Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

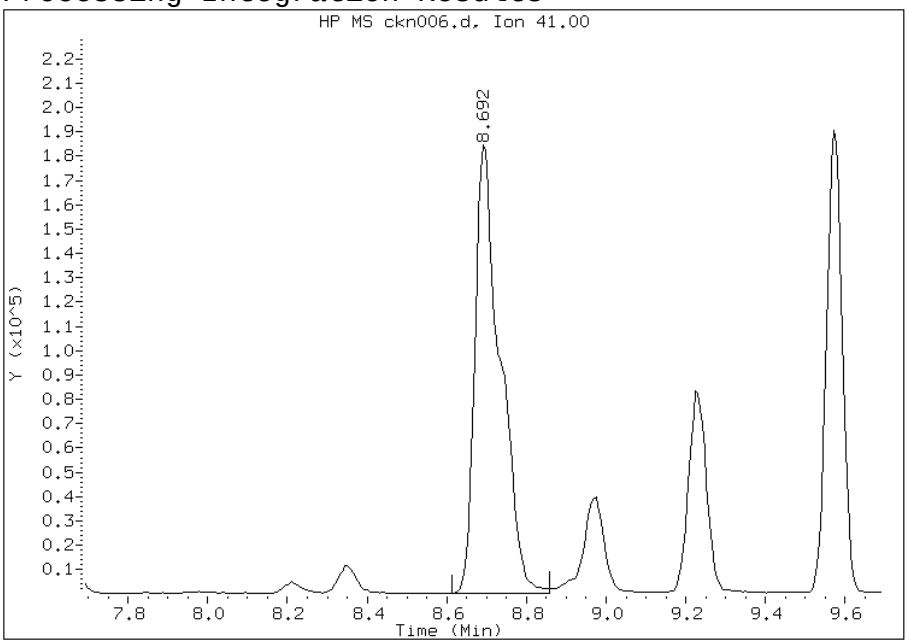
Processing Integration Results

RT: 8.69

Response: 813387

Amount: 10.00

Conc: 10.00



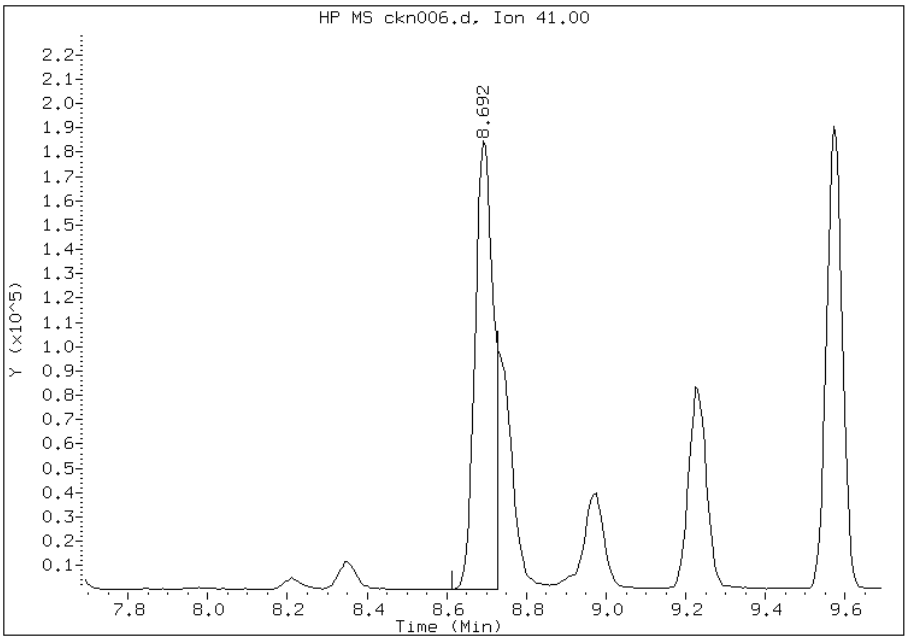
Manual Integration Results

RT: 8.69

Response: 595173

Amount: 10.06

Conc: 10.06



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

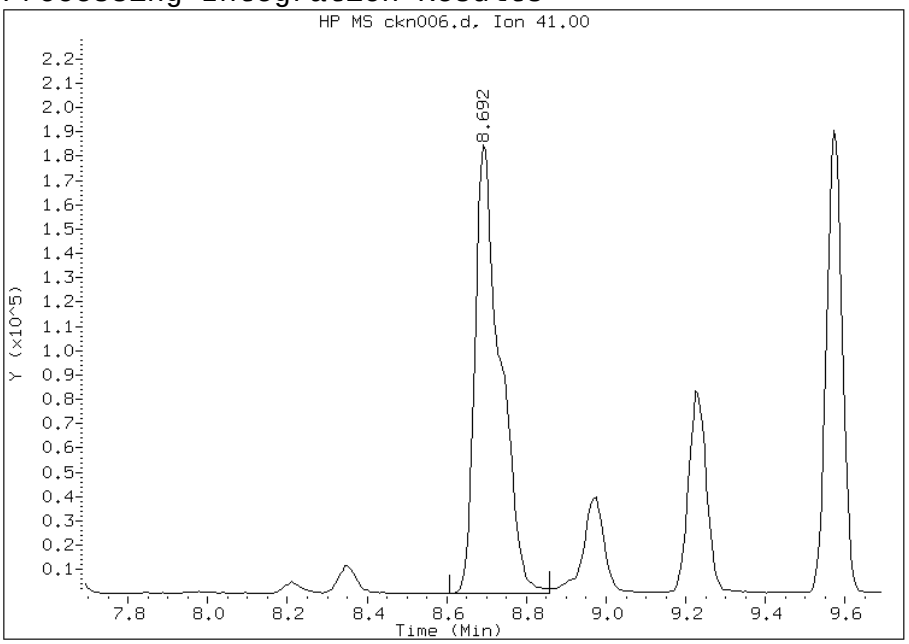
Processing Integration Results

RT: 8.69

Response: 814880

Amount: 11.76

Conc: 11.76



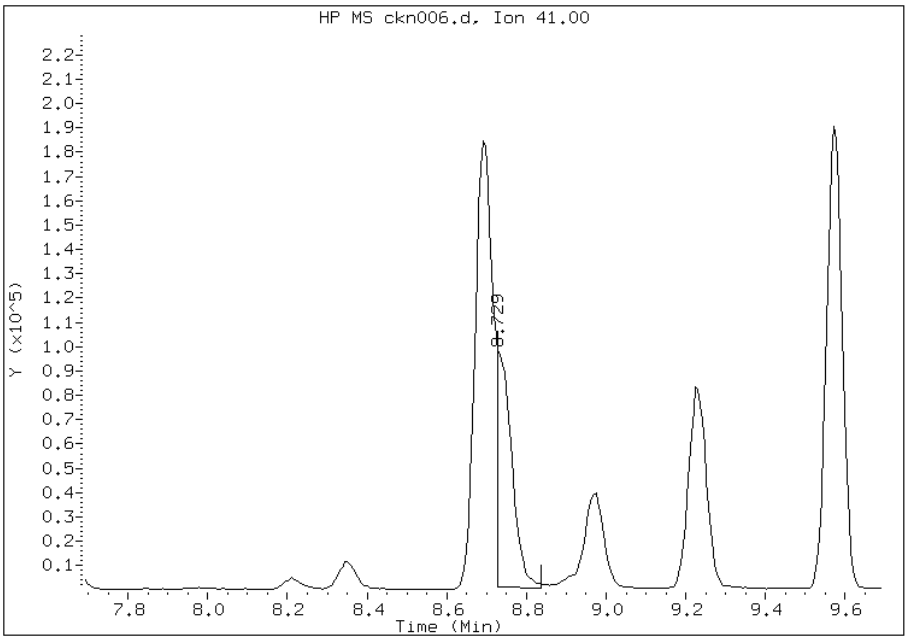
Manual Integration Results

RT: 8.73

Response: 244482

Amount: 9.75

Conc: 9.75



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn007.d
Lab Smp Id: ic 260512 Client Smp ID: ic 260512
Inj Date : 12-JAN-2012 20:47
Operator : pad Inst ID: C.i
Smp Info : ic 260512
Misc Info : 200,1,level 05
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 20:47 Cal File: ckn007.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	4.982	4.977	(0.448)	485356	15.0000	15
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	1854488	15.0000	15
3 Chlorodifluoromethane	51	5.110	5.100	(0.459)	996752	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	1997449	15.0000	15
5 Chloromethane	50	5.521	5.516	(0.496)	549575	15.0000	14
6 Butane	43	5.735	5.730	(0.515)	1121511	15.0000	15
7 Vinyl chloride	62	5.778	5.767	(0.519)	692836	15.0000	15
8 1,3-Butadiene	54	5.852	5.847	(0.526)	547311	15.0000	15
9 Bromomethane	94	6.519	6.509	(0.586)	630692	15.0000	15
10 Chloroethane	64	6.717	6.712	(0.604)	381408	15.0000	15
11 2-Methylbutane	43	6.786	6.781	(0.610)	855830	15.0000	14
12 Vinyl bromide	106	7.069	7.064	(0.635)	636192	15.0000	15
13 Trichlorofluoromethane	101	7.154	7.149	(0.643)	1917664	15.0000	15
14 Pentane	43	7.267	7.256	(0.653)	1305041	15.0000	15

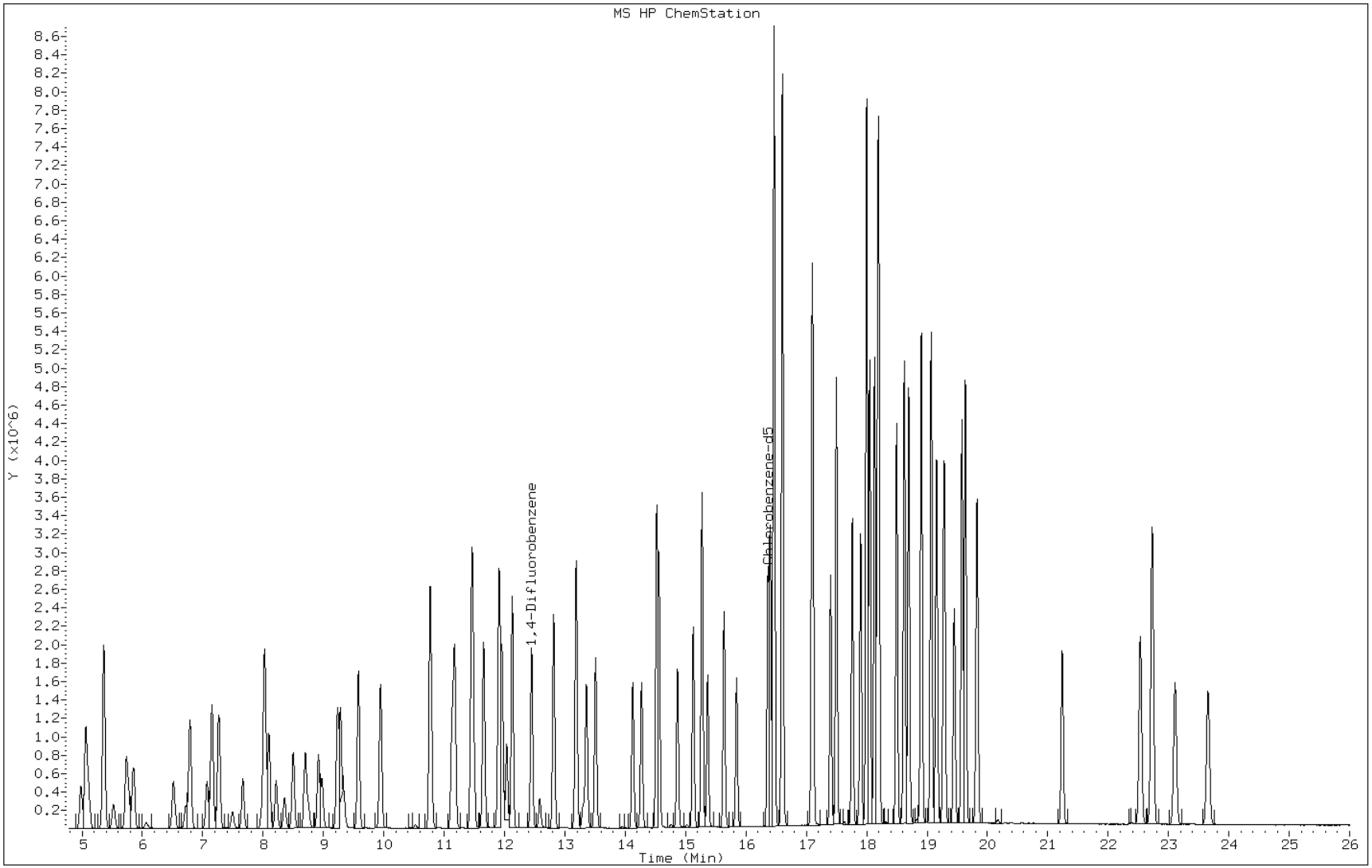
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.491	7.485	(0.673)	325033	20.0000	21
	16 Ethyl ether	59	7.661	7.656	(0.689)	499536	15.0000	15
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1355175	15.0000	15
	18 Acrolein	56	7.982	7.976	(0.717)	209253	15.0000	14
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	654204	15.0000	16
	20 Acetone	43	8.217	8.211	(0.739)	1009349	15.0000	16
	21 Carbon disulfide	76	8.499	8.494	(0.764)	1930584	15.0000	15
	22 Isopropanol	45	8.355	8.350	(0.751)	672277	15.0000	15
	23 Allyl chloride	41	8.697	8.692	(0.782)	1022329	15.0000	16(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	434480	15.0000	16(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	703655	15.0000	15
	26 Tert-butyl alcohol	59	8.974	8.969	(0.807)	1007457	15.0000	16
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	2048683	15.0000	15
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	1032134	15.0000	15
	29 Acrylonitrile	53	9.343	9.337	(0.840)	464850	15.0000	15
	30 n-Hexane	57	9.577	9.572	(0.861)	1183134	15.0000	15
	31 1,1-Dichloroethane	63	9.956	9.951	(0.895)	1283068	15.0000	15
	32 Vinyl acetate	43	9.940	9.935	(0.894)	1643135	15.0000	15
M	33 1,2-Dichloroethene,Total	61				1789317	30.0000	31
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	757183	15.0000	15
	35 Ethyl acetate	88	10.768	10.762	(0.968)	66490	15.0000	15
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	350008	15.0000	15
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	389958	10.0000	
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	753459	15.0000	15
	39 Chloroform	83	11.178	11.173	(1.005)	1547981	15.0000	15
	40 Cyclohexane	84	11.477	11.477	(0.922)	1130422	15.0000	15
	41 1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	1741905	15.0000	15
	42 Carbon tetrachloride	117	11.653	11.648	(0.936)	1794005	15.0000	15
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	3839664	15.0000	15
	44 Benzene	78	11.958	11.958	(0.961)	2378506	15.0000	15
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	1046724	15.0000	15
	46 n-Heptane	43	12.128	12.129	(0.974)	1422186	15.0000	15
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2222189	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	265595	15.0000	14
	49 Trichloroethene	95	12.817	12.812	(1.030)	1089895	15.0000	15
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	824439	15.0000	15
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	802172	15.0000	16
	52 Dibromomethane	174	13.361	13.356	(1.073)	860910	15.0000	16
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	288519	15.0000	15
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	1750887	15.0000	16
	55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	1291237	15.0000	15
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1501938	15.0000	16
	57 n-Octane	43	14.519	14.514	(1.166)	1938680	15.0000	15
	58 Toluene	92	14.557	14.557	(0.889)	1770416	15.0000	16
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	1327083	15.0000	15
	60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	794623	15.0000	15
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	1464780	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	15.363	15.363	(0.939)	1451528	15.0000	16
63	Dibromochloromethane	129	15.640	15.635	(0.956)	1736454	15.0000	16
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	1511953	15.0000	16
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2054450	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	2328319	15.0000	15
67	n-Nonane	57	16.462	16.462	(1.006)	1835314	15.0000	16
68	Ethylbenzene	91	16.462	16.462	(1.006)	4070299	15.0000	16
69	Xylene (m,p)	106	16.601	16.601	(1.014)	3233954	30.0000	33
M 70	Xylenes, Total	106				4754973	15.0000	49
71	Xylene (o)	106	17.092	17.092	(1.044)	1521019	15.0000	16
72	Styrene	104	17.113	17.113	(1.046)	2450159	15.0000	17
73	Bromoform	173	17.401	17.401	(1.063)	1714401	15.0000	16
74	Isopropylbenzene	105	17.497	17.497	(1.069)	4451344	15.0000	16
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2126291	15.0000	16
76	n-Propylbenzene	91	17.999	17.994	(1.100)	5530963	15.0000	17
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	1734368	15.0000	16
78	n-Decane	57	18.047	18.047	(1.103)	2291481	15.0000	17
79	4-Ethyltoluene	105	18.132	18.127	(1.108)	4716078	15.0000	17
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	4028893	15.0000	16
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	4115170	15.0000	17
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1952598	15.0000	17
83	tert-butylbenzene	119	18.618	18.618	(1.138)	3702181	15.0000	17
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	3931491	15.0000	17
85	sec-Butylbenzene	105	18.906	18.901	(1.155)	5562365	15.0000	17
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	4730900	15.0000	17
87	1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	2580727	15.0000	16
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	2560692	15.0000	16
89	Benzyl chloride	91	19.451	19.445	(1.188)	2721612	15.0000	15
90	Undecane	57	19.579	19.573	(1.196)	2214195	15.0000	17
91	n-Butylbenzene	91	19.632	19.632	(1.200)	4205383	15.0000	17
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	2423759	15.0000	16
93	Dodecane	57	21.239	21.239	(1.298)	1076324	15.0000	16
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	1323161	15.0000	16
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1247073	15.0000	16
96	Naphthalene	128	23.106	23.107	(1.412)	2761811	15.0000	15
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1034883	15.0000	15

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn007.d	Date:	12-JAN-2012 20:47
Client ID:	ic 260512	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260512		
Lab Sample ID:	ic 260512		



Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

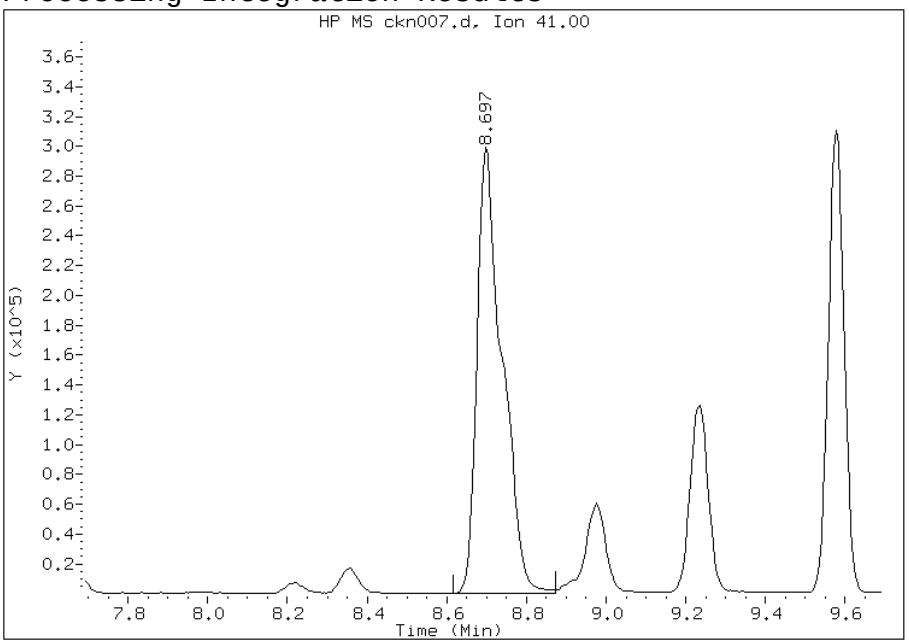
Processing Integration Results

RT: 8.70

Response: 1306524

Amount: 21.45

Conc: 21.45



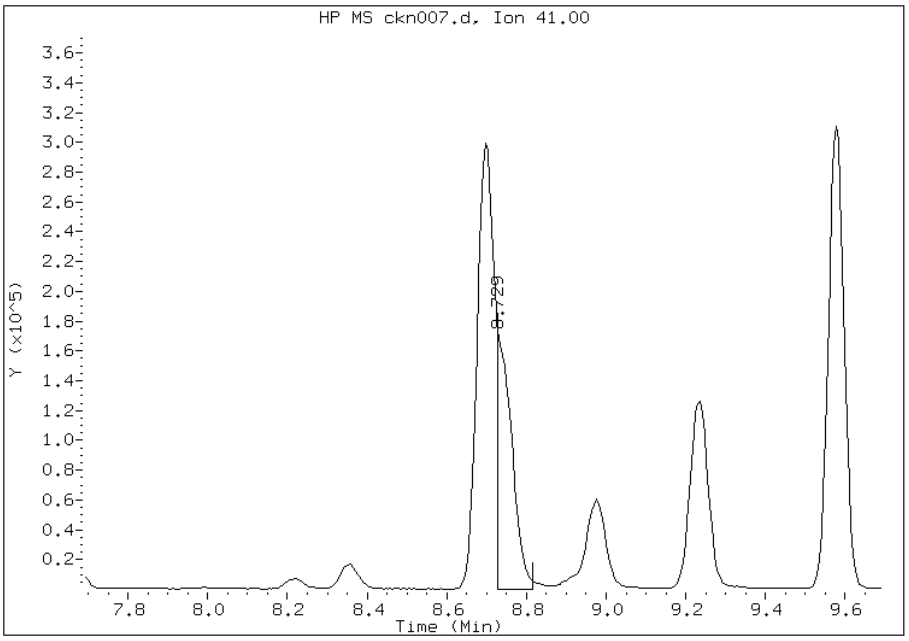
Manual Integration Results

RT: 8.73

Response: 434480

Amount: 16.46

Conc: 16.46



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

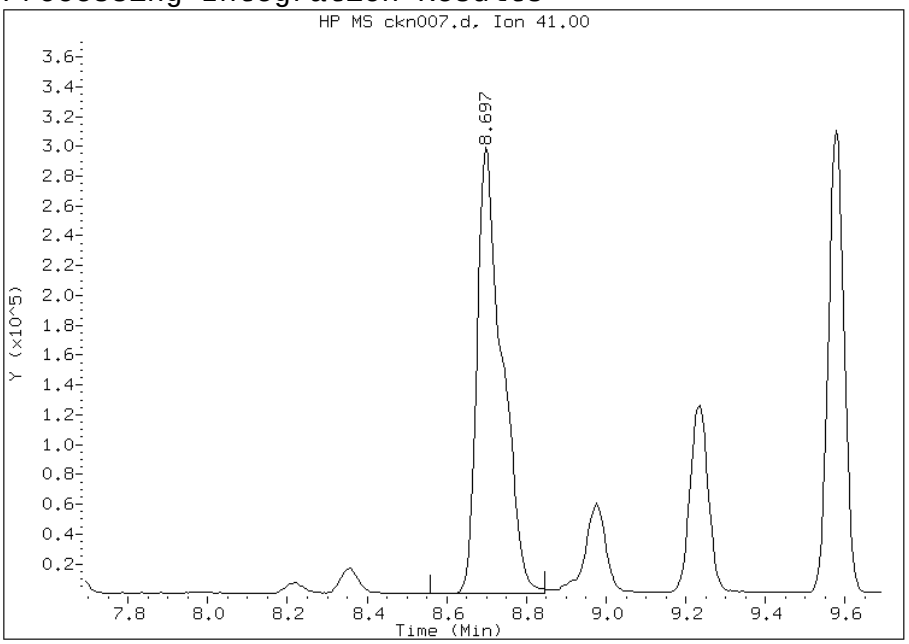
Processing Integration Results

RT: 8.70

Response: 1304060

Amount: 17.08

Conc: 17.08



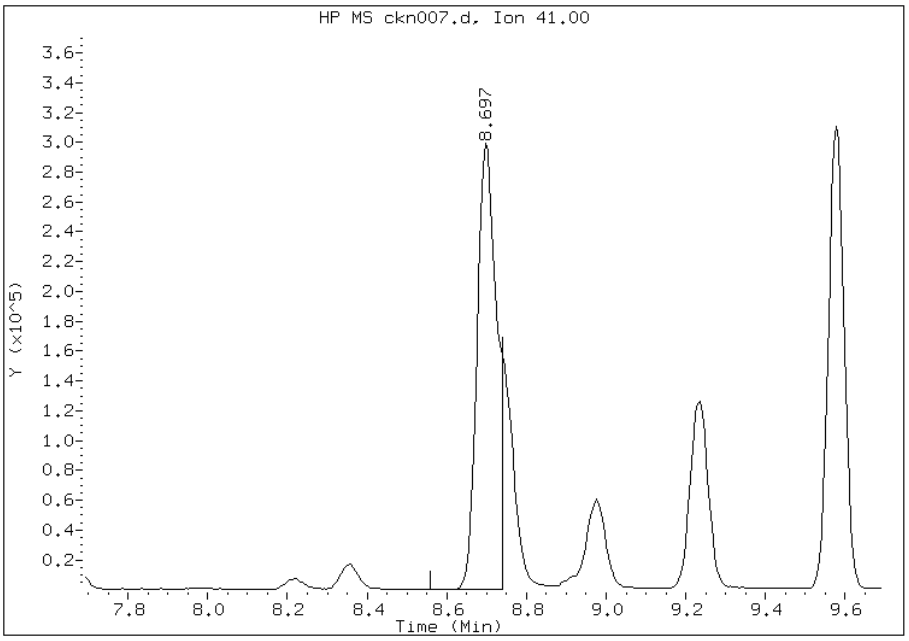
Manual Integration Results

RT: 8.70

Response: 1022329

Amount: 16.42

Conc: 16.42



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn008.d
Lab Smp Id: ic 260506 Client Smp ID: ic 260506
Inj Date : 12-JAN-2012 21:37
Operator : pad Inst ID: C.i
Smp Info : ic 260506
Misc Info : 200,1,level 06
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 21:37 Cal File: ckn008.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	4.977	4.977	(0.447)	642156	20.0000	19
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	2485758	20.0000	19
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	1354442	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	2734338	20.0000	20
5 Chloromethane	50	5.516	5.516	(0.496)	744558	20.0000	19
6 Butane	43	5.730	5.730	(0.515)	1502450	20.0000	19
7 Vinyl chloride	62	5.767	5.767	(0.518)	943665	20.0000	20
8 1,3-Butadiene	54	5.847	5.847	(0.526)	748317	20.0000	20
9 Bromomethane	94	6.514	6.509	(0.586)	857039	20.0000	20
10 Chloroethane	64	6.712	6.712	(0.603)	518949	20.0000	20
11 2-Methylbutane	43	6.781	6.781	(0.610)	1154428	20.0000	19
12 Vinyl bromide	106	7.069	7.064	(0.635)	876421	20.0000	20
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	2619217	20.0000	20
14 Pentane	43	7.261	7.256	(0.653)	1778599	20.0000	20

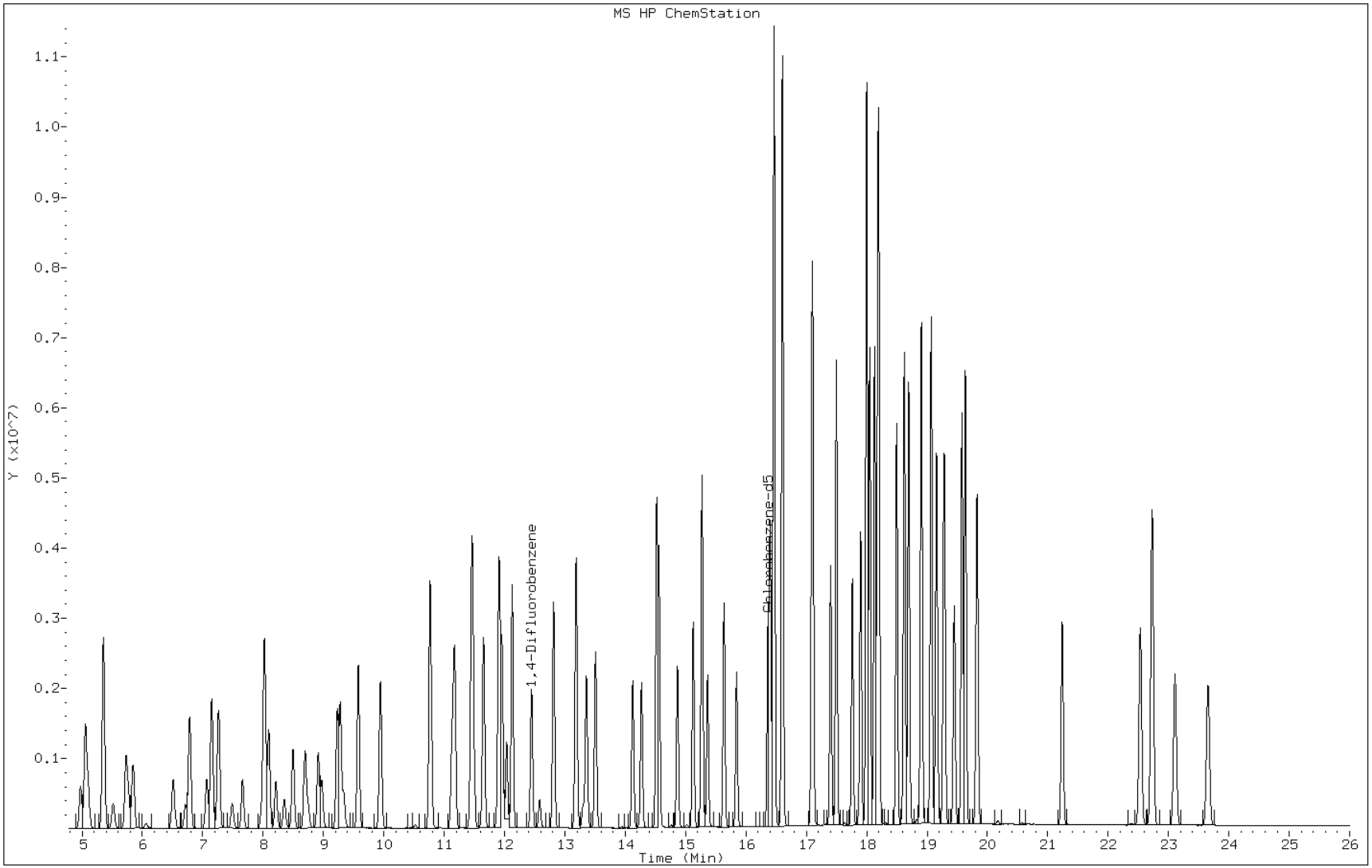
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.491	7.485	(0.673)	655374	40.0000	41
	16 Ethyl ether	59	7.656	7.656	(0.688)	653922	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1878862	20.0000	20
	18 Acrolein	56	7.977	7.976	(0.717)	255980	20.0000	16
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	903288	20.0000	21
	20 Acetone	43	8.211	8.211	(0.738)	1289077	20.0000	20
	21 Carbon disulfide	76	8.500	8.494	(0.764)	2656196	20.0000	20
	22 Isopropanol	45	8.350	8.350	(0.751)	840327	20.0000	19
	23 Allyl chloride	41	8.697	8.692	(0.782)	1288376	20.0000	20(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	506136	20.0000	19(QM)
	25 Methylene chloride	49	8.911	8.910	(0.801)	957117	20.0000	19
	26 Tert-butyl alcohol	59	8.975	8.969	(0.807)	1254439	20.0000	19
	27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	2673066	20.0000	19
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	1417165	20.0000	20
	29 Acrylonitrile	53	9.338	9.337	(0.839)	599940	20.0000	19
	30 n-Hexane	57	9.578	9.572	(0.861)	1626390	20.0000	20
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	1757954	20.0000	20
	32 Vinyl acetate	43	9.935	9.935	(0.893)	2130650	20.0000	19
M	33 1,2-Dichloroethene,Total	61				2462489	40.0000	41
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	1045324	20.0000	20
	35 Ethyl acetate	88	10.762	10.762	(0.967)	87276	20.0000	20
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	457413	20.0000	19(Q)
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	402858	10.0000	
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	966633	20.0000	19
	39 Chloroform	83	11.179	11.173	(1.005)	2122194	20.0000	20
	40 Cyclohexane	84	11.478	11.477	(0.922)	1560992	20.0000	21
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	2397414	20.0000	20
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	2473773	20.0000	21
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	5298632	20.0000	21
	44 Benzene	78	11.958	11.958	(0.961)	3297019	20.0000	20
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	1420173	20.0000	20
	46 n-Heptane	43	12.129	12.129	(0.974)	1942193	20.0000	20
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2288200	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	335857	20.0000	17
	49 Trichloroethene	95	12.817	12.812	(1.030)	1523905	20.0000	21
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	1128343	20.0000	20
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	1053256	20.0000	20
	52 Dibromomethane	174	13.362	13.356	(1.073)	1205373	20.0000	21
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	361017	20.0000	19
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	2406049	20.0000	21
	55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	1739219	20.0000	20
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1945497	20.0000	20
	57 n-Octane	43	14.514	14.514	(1.166)	2603835	20.0000	20
	58 Toluene	92	14.557	14.557	(0.889)	2395936	20.0000	20
	59 1,3-Dichloropropene (trans)	75	14.867	14.866	(1.194)	1770301	20.0000	20
	60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	1070318	20.0000	20
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	2048197	20.0000	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	15.363	15.363	(0.939)	1883901	20.0000	20
63	Dibromochloromethane	129	15.640	15.635	(0.956)	2377248	20.0000	21
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	2052504	20.0000	20
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2143741	10.0000	
66	Chlorobenzene	112	16.404	16.403	(1.002)	3156461	20.0000	20
67	n-Nonane	57	16.462	16.462	(1.006)	2451141	20.0000	21
68	Ethylbenzene	91	16.462	16.462	(1.006)	5450255	20.0000	21
69	Xylene (m,p)	106	16.601	16.601	(1.014)	4340919	40.0000	42
M 70	Xylenes, Total	106				6369775	20.0000	62
71	Xylene (o)	106	17.092	17.092	(1.044)	2028856	20.0000	21
72	Styrene	104	17.113	17.113	(1.046)	3306139	20.0000	22
73	Bromoform	173	17.402	17.401	(1.063)	2358687	20.0000	22
74	Isopropylbenzene	105	17.498	17.497	(1.069)	6007143	20.0000	21
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2824080	20.0000	20
76	n-Propylbenzene	91	17.999	17.994	(1.100)	7468447	20.0000	21
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	2296131	20.0000	20
78	n-Decane	57	18.053	18.047	(1.103)	3086404	20.0000	22
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	6349129	20.0000	22
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	5420024	20.0000	21
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	5560289	20.0000	22
82	Alpha Methyl Styrene	118	18.496	18.495	(1.130)	2620912	20.0000	22
83	tert-butylbenzene	119	18.618	18.618	(1.138)	4966064	20.0000	21
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	5255052	20.0000	22
85	sec-Butylbenzene	105	18.907	18.901	(1.155)	7495490	20.0000	22
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	6405600	20.0000	22
87	1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	3497607	20.0000	21
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	3479925	20.0000	21
89	Benzyl chloride	91	19.451	19.445	(1.188)	3629889	20.0000	19
90	Undecane	57	19.579	19.573	(1.196)	2952057	20.0000	22
91	n-Butylbenzene	91	19.632	19.632	(1.200)	5656470	20.0000	22
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	3253416	20.0000	21
93	Dodecane	57	21.239	21.239	(1.298)	1665695	20.0000	24
94	1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	1847693	20.0000	22
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1739454	20.0000	21
96	Naphthalene	128	23.107	23.107	(1.412)	3863247	20.0000	21
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1444020	20.0000	20

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn008.d	Date:	12-JAN-2012 21:37
Client ID:	ic 260506	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260506		
Lab Sample ID:	ic 260506		



Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

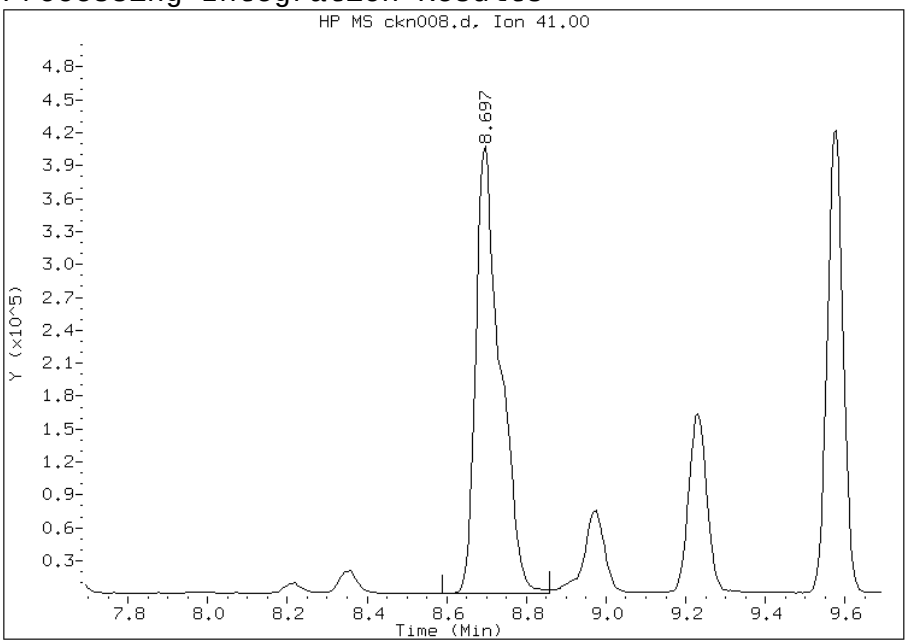
Processing Integration Results

RT: 8.70

Response: 1737805

Amount: 21.67

Conc: 21.67



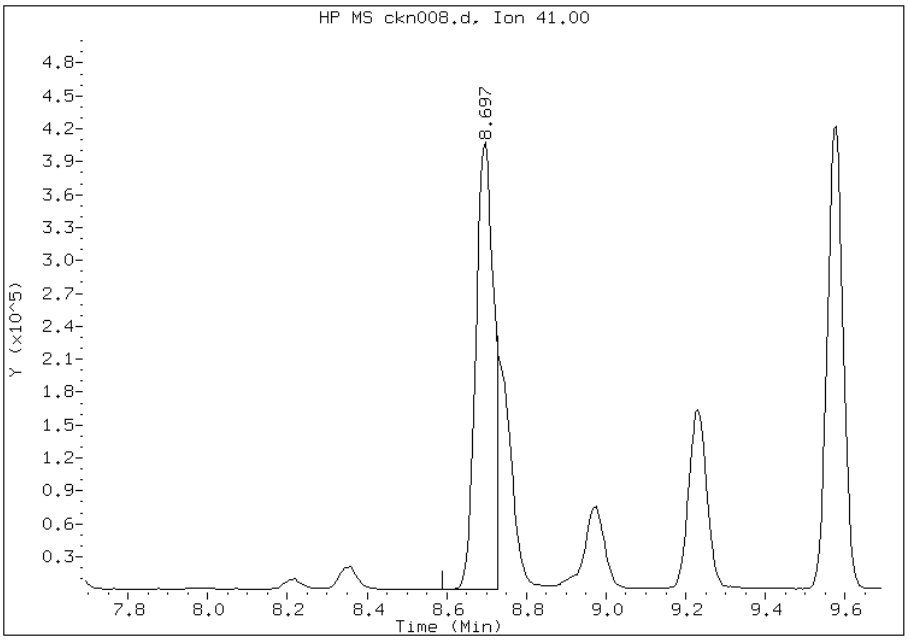
Manual Integration Results

RT: 8.70

Response: 1288376

Amount: 20.03

Conc: 20.03



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

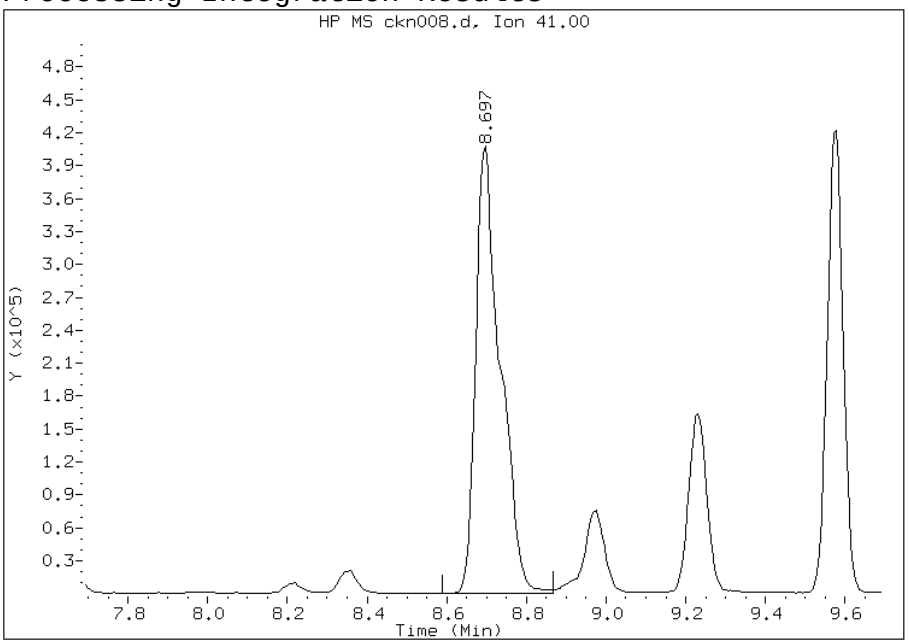
Processing Integration Results

RT: 8.70

Response: 1739690

Amount: 34.17

Conc: 34.17



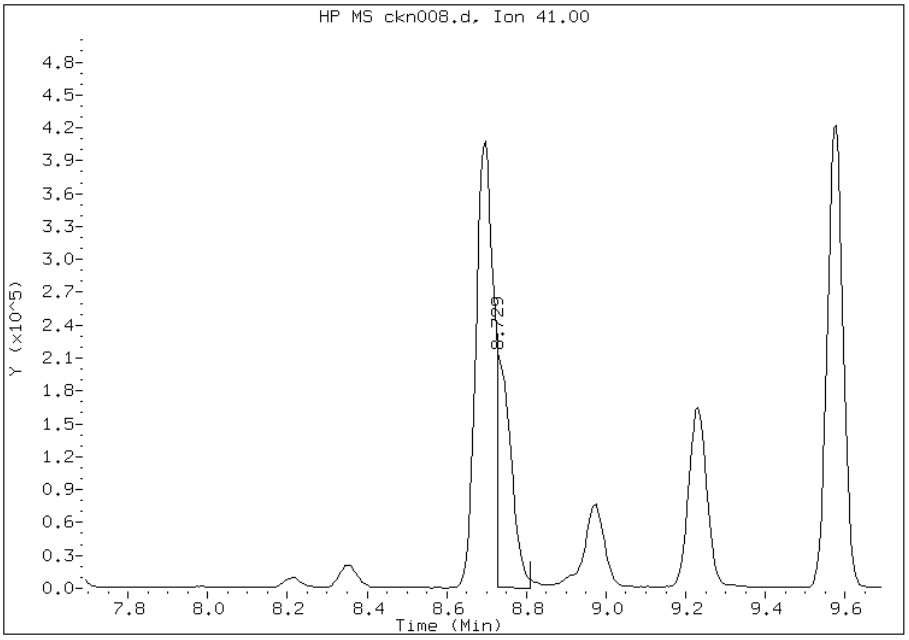
Manual Integration Results

RT: 8.73

Response: 506136

Amount: 18.56

Conc: 18.56



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn009.d
Lab Smp Id: ic 275630 Client Smp ID: ic 275630
Inj Date : 12-JAN-2012 22:26
Operator : pad Inst ID: C.i
Smp Info : ic 275630
Misc Info : 200,1,level 07
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.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	4.982	4.977	(0.448)	1240324	40.0000	34
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	4872701	40.0000	35
3 Chlorodifluoromethane	51	5.110	5.100	(0.459)	2637649	40.0000	35
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	5454358	40.0000	37
5 Chloromethane	50	5.521	5.516	(0.496)	1467156	40.0000	35
6 Butane	43	5.735	5.730	(0.515)	2956367	40.0000	35
7 Vinyl chloride	62	5.772	5.767	(0.519)	1870415	40.0000	37
8 1,3-Butadiene	54	5.852	5.847	(0.526)	1473218	40.0000	37
9 Bromomethane	94	6.519	6.509	(0.586)	1708098	40.0000	37
10 Chloroethane	64	6.717	6.712	(0.603)	1014200	40.0000	36
11 2-Methylbutane	43	6.786	6.781	(0.610)	2235241	40.0000	34
12 Vinyl bromide	106	7.069	7.064	(0.635)	1775936	40.0000	38
13 Trichlorofluoromethane	101	7.154	7.149	(0.643)	5253681	40.0000	37
14 Pentane	43	7.267	7.256	(0.653)	3568449	40.0000	38

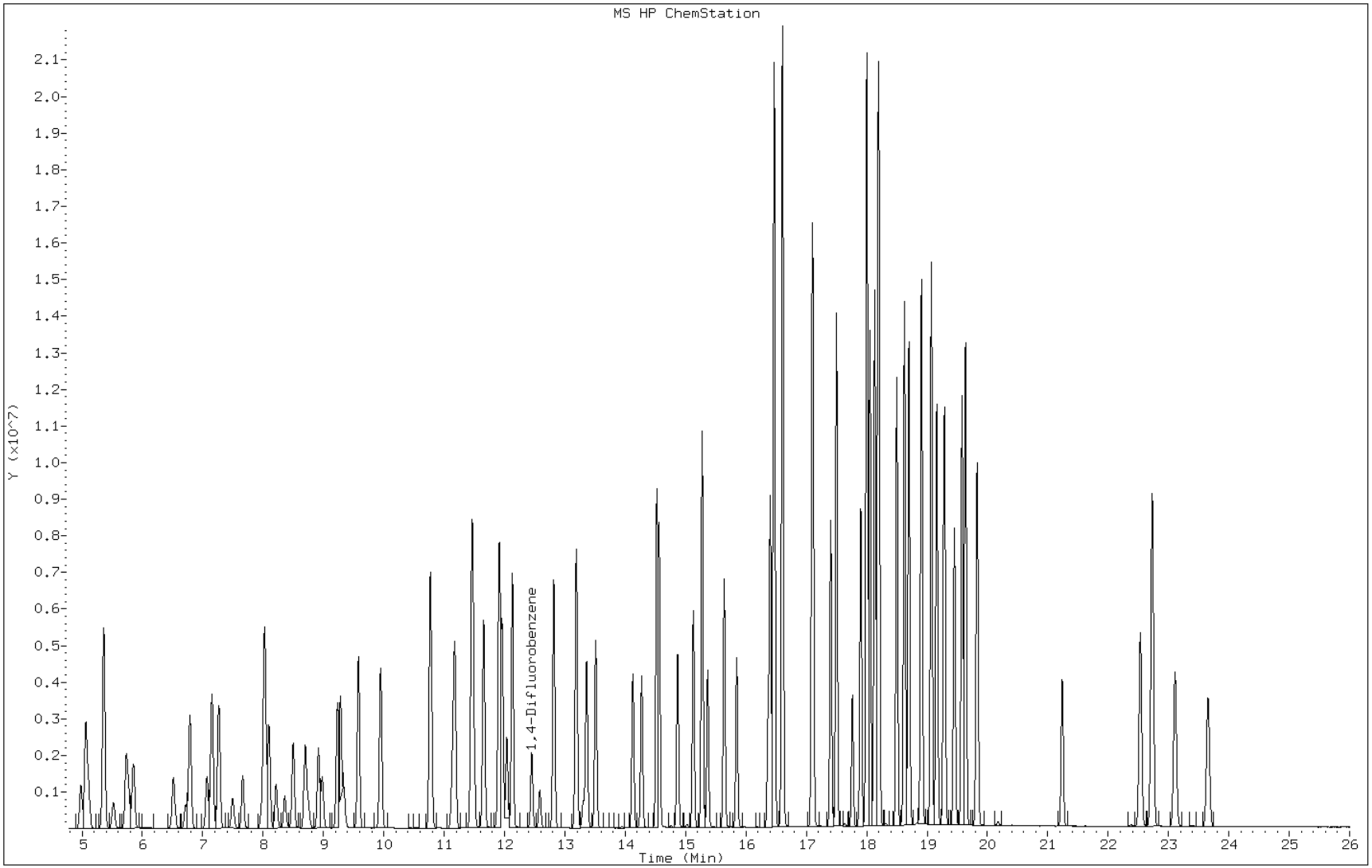
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.496	7.485	(0.673)	1536315	100.000	91
	16 Ethyl ether	59	7.661	7.656	(0.688)	1339424	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.720)	3857410	40.0000	39
	18 Acrolein	56	7.982	7.976	(0.717)	701003	40.0000	42(A)
	19 1,1-Dichloroethene	96	8.094	8.088	(0.727)	1838510	40.0000	40
	20 Acetone	43	8.216	8.211	(0.738)	2337743	40.0000	33
	21 Carbon disulfide	76	8.499	8.494	(0.764)	5421208	40.0000	39
	22 Isopropanol	45	8.361	8.350	(0.751)	1775656	40.0000	37
	23 Allyl chloride	41	8.697	8.692	(0.781)	2544349	40.0000	37(M)
	24 Acetonitrile	41	8.729	8.692	(0.784)	1145797	40.0000	39(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	1898633	40.0000	36
	26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	2613182	40.0000	37
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	5455934	40.0000	37
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	2862136	40.0000	39
	29 Acrylonitrile	53	9.343	9.337	(0.839)	1310646	40.0000	39
	30 n-Hexane	57	9.577	9.572	(0.860)	3306317	40.0000	39
	31 1,1-Dichloroethane	63	9.956	9.951	(0.894)	3577531	40.0000	38
	32 Vinyl acetate	43	9.940	9.935	(0.893)	4623328	40.0000	38
M	33 1,2-Dichloroethene,Total	61				5034216	80.0000	78
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.968)	2172080	40.0000	40
	35 Ethyl acetate	88	10.768	10.762	(0.967)	180565	40.0000	38
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.967)	914910	40.0000	36(Q)
*	37 Bromochloromethane	128	11.130	11.125	(1.000)	429653	10.0000	(Q)
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	1961436	40.0000	37
	39 Chloroform	83	11.178	11.173	(1.004)	4309197	40.0000	38
	40 Cyclohexane	84	11.477	11.477	(0.922)	3229203	40.0000	41(A)
	41 1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	4895660	40.0000	40(A)
	42 Carbon tetrachloride	117	11.653	11.648	(0.936)	5100456	40.0000	41(A)
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	10931388	40.0000	41(A)
	44 Benzene	78	11.958	11.958	(0.961)	6919593	40.0000	41(A)
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	2820086	40.0000	39
	46 n-Heptane	43	12.134	12.129	(0.975)	3899083	40.0000	39
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2384686	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	868822	40.0000	43(A)
	49 Trichloroethene	95	12.817	12.812	(1.030)	3176879	40.0000	42(A)
	50 1,2-Dichloropropane	63	13.185	13.180	(1.059)	2299443	40.0000	40(Q)
	51 Methyl methacrylate	69	13.190	13.191	(1.060)	2206706	40.0000	41(A)
	52 Dibromomethane	174	13.361	13.356	(1.073)	2567945	40.0000	43(A)
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	776320	40.0000	39
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	4886689	40.0000	41(A)
	55 1,3-Dichloropropene (cis)	75	14.130	14.125	(1.135)	3576930	40.0000	40
	56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	3853172	40.0000	38
	57 n-Octane	43	14.519	14.514	(1.166)	5107019	40.0000	38
	58 Toluene	92	14.557	14.557	(0.889)	5039162	40.0000	41(A)
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	3715118	40.0000	40
	60 1,1,2-Trichloroethane	83	15.128	15.123	(0.924)	2208485	40.0000	39
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	4500446	40.0000	44(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	15.363	15.363	(0.939)	3761791	40.0000	38
63	Dibromochloromethane	129	15.640	15.635	(0.956)	5085011	40.0000	43(A)
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	4306960	40.0000	41(A)
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2238326	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	6723670	40.0000	41(A)
67	n-Nonane	57	16.462	16.462	(1.006)	4648094	40.0000	38
68	Ethylbenzene	91	16.467	16.462	(1.006)	11214249	40.0000	41(A)
69	Xylene (m,p)	106	16.601	16.601	(1.014)	9254798	80.0000	86(A)
M 70	Xylenes, Total	106				13545633	40.0000	130
71	Xylene (o)	106	17.097	17.092	(1.045)	4290835	40.0000	42(A)
72	Styrene	104	17.113	17.113	(1.046)	7140868	40.0000	44(A)
73	Bromoform	173	17.401	17.401	(1.063)	5447930	40.0000	48(A)
74	Isopropylbenzene	105	17.497	17.497	(1.069)	13086979	40.0000	44(A)
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	5992313	40.0000	41(A)
76	n-Propylbenzene	91	17.999	17.994	(1.100)	15799657	40.0000	44(A)
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	4641882	40.0000	39
78	n-Decane	57	18.052	18.047	(1.103)	6332753	40.0000	44(A)
79	4-Ethyltoluene	105	18.132	18.127	(1.108)	13930493	40.0000	45(A)
80	2-Chlorotoluene	91	18.186	18.181	(1.111)	11425456	40.0000	42(A)
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	11817935	40.0000	45(A)
82	Alpha Methyl Styrene	118	18.501	18.495	(1.130)	5765376	40.0000	47(A)
83	tert-butylbenzene	119	18.623	18.618	(1.138)	10803359	40.0000	44(A)
84	1,2,4-Trimethylbenzene	105	18.698	18.693	(1.143)	11201586	40.0000	44(A)
85	sec-Butylbenzene	105	18.906	18.901	(1.155)	16073959	40.0000	45(A)
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	13955776	40.0000	46(A)
87	1,3-Dichlorobenzene	146	19.162	19.157	(1.171)	7742578	40.0000	44(A)
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	7679147	40.0000	44(A)
89	Benzyl chloride	91	19.451	19.445	(1.188)	9514593	40.0000	48(A)
90	Undecane	57	19.579	19.573	(1.196)	6052076	40.0000	43(A)
91	n-Butylbenzene	91	19.637	19.632	(1.200)	11710968	40.0000	45(A)
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	7017090	40.0000	43(A)
93	Dodecane	57	21.239	21.239	(1.298)	2319042	40.0000	31
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	3470298	40.0000	39
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	3558973	40.0000	41(A)
96	Naphthalene	128	23.106	23.107	(1.412)	7625329	40.0000	39
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	2528944	40.0000	34

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:	ckn009.d	Date:	12-JAN-2012 22:26
Client ID:	ic 275630	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 275630		
Lab Sample ID:	ic 275630		



Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

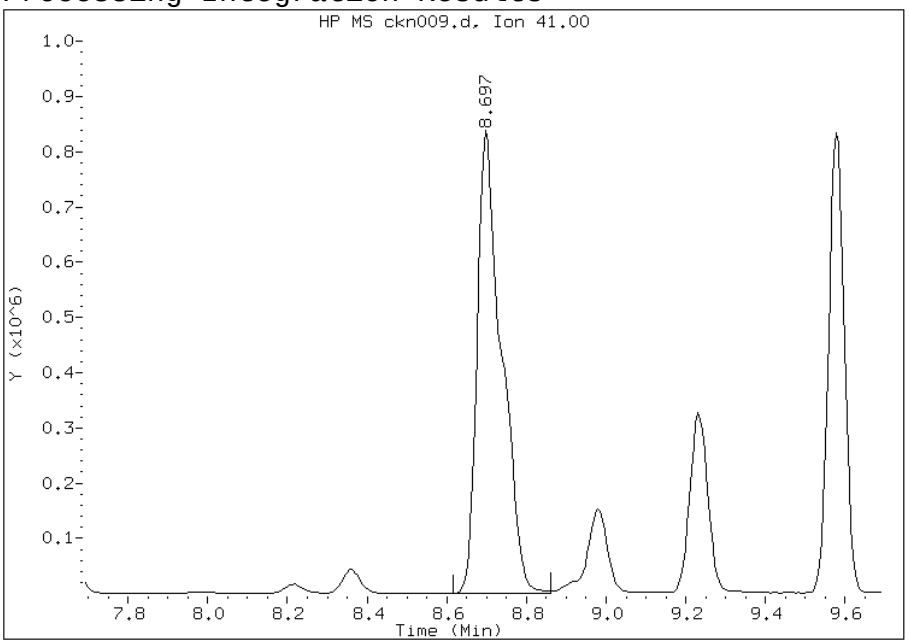
Processing Integration Results

RT: 8.70

Response: 3553783

Amount: 41.32

Conc: 41.32



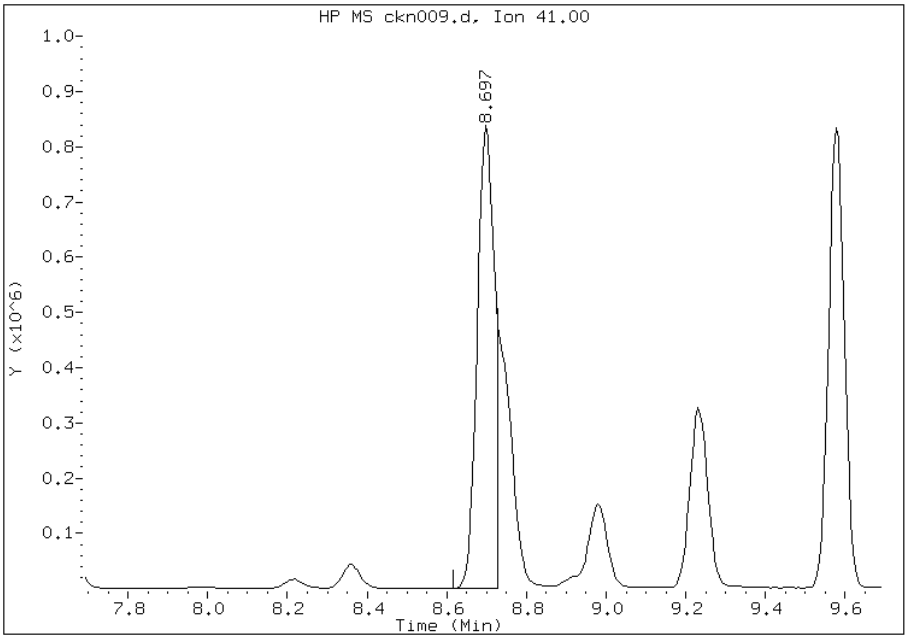
Manual Integration Results

RT: 8.70

Response: 2544349

Amount: 37.09

Conc: 37.09



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

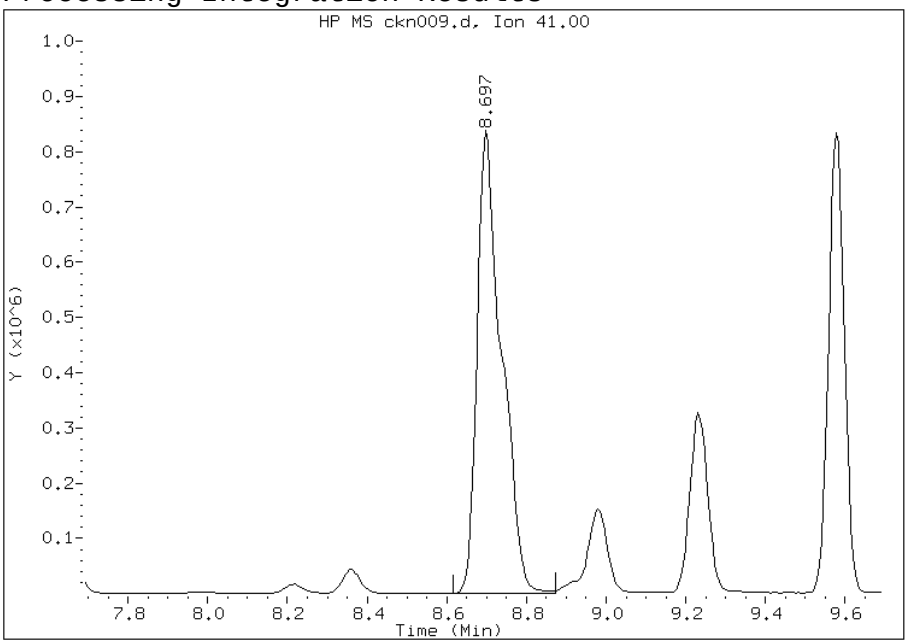
Processing Integration Results

RT: 8.70

Response: 3556919

Amount: 86.46

Conc: 86.46



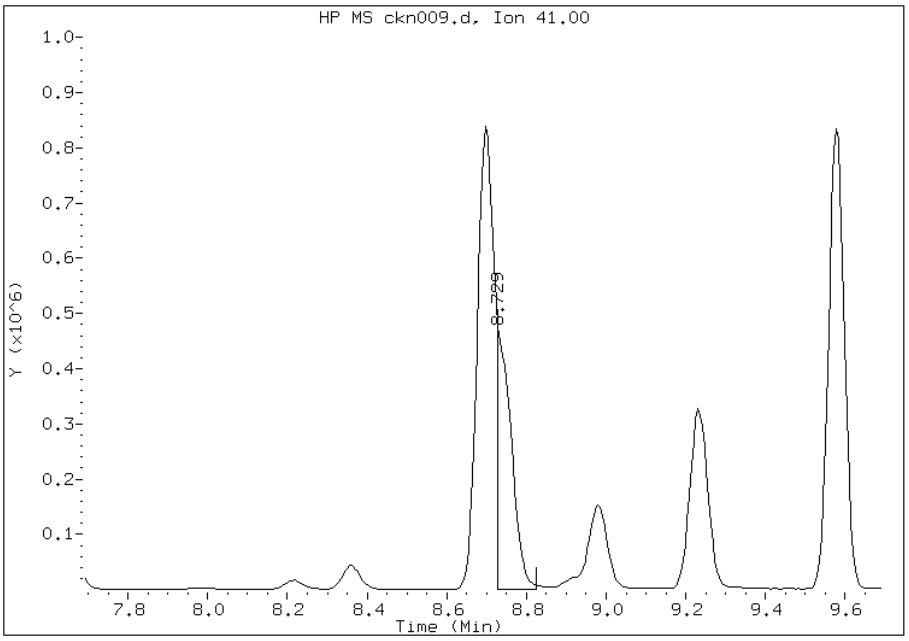
Manual Integration Results

RT: 8.73

Response: 1145797

Amount: 39.40

Conc: 39.40



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8452	0.8203		9.70	10.0	-3.0	30.0
Dichlorodifluoromethane	Ave	3.226	3.191		9.89	10.0	-1.1	30.0
Freon 22	Ave	1.731	1.720		9.93	10.0	-0.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.492		10.2	10.0	2.0	30.0
Chloromethane	Ave	0.9778	0.9733		9.95	10.0	-0.5	30.0
n-Butane	Ave	1.947	1.888		9.69	10.0	-3.0	30.0
Vinyl chloride	Ave	1.190	1.208		10.2	10.0	1.6	30.0
1,3-Butadiene	Ave	0.9269	0.9785		10.6	10.0	5.6	30.0
Bromomethane	Ave	1.076	1.072		9.96	10.0	-0.4	30.0
Chloroethane	Ave	0.6498	0.6589		10.1	10.0	1.4	30.0
Isopentane	Ave	1.529	1.486		9.72	10.0	-2.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	1.130		10.5	10.0	4.8	30.0
Trichlorofluoromethane	Ave	3.268	3.309		10.1	10.0	1.3	30.0
n-Pentane	Ave	2.209	2.191		9.92	10.0	-0.8	30.0
Ethanol	Ave	0.3924	0.3889		14.9	15.0	-0.9	30.0
Ethyl ether	Ave	0.8319	0.6967		8.37	10.0	-16.3	30.0
Acrolein	Ave	0.3902	0.2982		7.64	10.0	-23.6	30.0
Freon TF	Ave	2.278	2.528		11.1	10.0	11.0	30.0
1,1-Dichloroethene	Ave	1.076	1.258		11.7	10.0	17.0	30.0
Acetone	Ave	1.631	1.435		8.79	10.0	-12.0	30.0
Isopropyl alcohol	Ave	1.119	1.179		10.5	10.0	5.4	30.0
Carbon disulfide	Ave	3.237	3.402		10.5	10.0	5.1	30.0
3-Chloropropene	Ave	1.597	1.751		11.0	10.0	9.7	30.0
Acetonitrile	Ave	0.6769	0.5755		8.50	10.0	-15.0	30.0
Methylene Chloride	Ave	1.226	1.311		10.7	10.0	7.0	30.0
tert-Butyl alcohol	Ave	1.663	1.812		10.9	10.0	9.0	30.0
Methyl tert-butyl ether	Ave	3.420	3.050		8.91	10.0	-10.8	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.780		10.3	10.0	3.1	30.0
Acrylonitrile	Ave	0.7730	0.6989		9.04	10.0	-9.6	30.0
n-Hexane	Ave	1.990	2.060		10.4	10.0	3.5	30.0
Vinyl acetate	Ave	2.832	2.427		8.57	10.0	-14.3	30.0
1,1-Dichloroethane	Ave	2.172	2.223		10.2	10.0	2.4	30.0
Ethyl acetate	Ave	0.1111	0.0929		8.37	10.0	-16.3	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5131		8.58	10.0	-14.2	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.331		10.4	10.0	4.2	30.0
Tetrahydrofuran	Ave	0.2217	0.1944		8.76	10.0	-12.3	30.0
Chloroform	Ave	2.620	2.669		10.2	10.0	1.9	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5138		10.0	10.0	0.4	30.0
Cyclohexane	Ave	0.3285	0.3369		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5212	0.5240		10.1	10.0	0.5	30.0
2,2,4-Trimethylpentane	Ave	1.118	1.144		10.2	10.0	2.3	30.0
Benzene	Ave	0.7127	0.7051		9.89	10.0	-1.1	30.0
1,2-Dichloroethane	Ave	0.3068	0.3093		10.1	10.0	0.8	30.0
n-Heptane	Ave	0.4147	0.4208		10.1	10.0	1.5	30.0
n-Butanol	Ave	0.0848	0.0895		10.5	10.0	5.4	30.0
Trichloroethene	Ave	0.3193	0.3297		10.3	10.0	3.3	30.0
1,2-Dichloropropane	Ave	0.2438	0.2358		9.67	10.0	-3.3	30.0
Methyl methacrylate	Ave	0.2263	0.1926		8.51	10.0	-14.9	30.0
1,4-Dioxane	Ave	0.0840	0.0778		9.26	10.0	-7.4	30.0
Dibromomethane	Ave	0.2489	0.2486		9.99	10.0	-0.1	30.0
Bromodichloromethane	Ave	0.5035	0.5262		10.4	10.0	4.5	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3637		9.65	10.0	-3.4	30.0
methyl isobutyl ketone	Ave	0.4284	0.3804		8.88	10.0	-11.2	30.0
n-Octane	Ave	0.5655	0.5519		9.76	10.0	-2.4	30.0
Toluene	Ave	0.5552	0.5836		10.5	10.0	5.1	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.3602		9.24	10.0	-7.5	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2543		10.2	10.0	1.5	30.0
Tetrachloroethene	Ave	0.4535	0.4925		10.9	10.0	8.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4542		10.3	10.0	2.7	30.0
Dibromochloromethane	Ave	0.5245	0.5961		11.4	10.0	13.7	30.0
1,2-Dibromoethane	Ave	0.4671	0.4956		10.6	10.0	6.1	30.0
Chlorobenzene	Ave	0.7371	0.7604		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.229	1.224		9.96	10.0	-0.4	30.0
n-Nonane	Ave	0.5480	0.5735		10.5	10.0	4.6	30.0
m,p-Xylene	Ave	0.4831	0.4733		19.6	20.0	-2.0	30.0
Xylene, o-	Ave	0.4608	0.4470		9.70	10.0	-3.0	30.0
Styrene	Ave	0.7170	0.7188		10.0	10.0	0.2	30.0
Bromoform	Ave	0.5108	0.5524		10.8	10.0	8.1	30.0
Cumene	Ave	1.336	1.320		9.88	10.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6265		9.51	10.0	-4.9	30.0
n-Propylbenzene	Ave	1.621	1.609		9.93	10.0	-0.7	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5189		9.78	10.0	-2.2	30.0
n-Decane	Ave	0.6486	0.6483		9.99	10.0	-0.0	30.0
4-Ethyltoluene	Ave	1.377	1.399		10.2	10.0	1.6	30.0
2-Chlorotoluene	Ave	1.205	1.242		10.3	10.0	3.1	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.157		9.77	10.0	-2.2	30.0
Alpha Methyl Styrene	Ave	0.5529	0.5673		10.3	10.0	2.6	30.0
tert-Butylbenzene	Ave	1.090	1.079		9.89	10.0	-1.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.138	1.094		9.61	10.0	-3.9	30.0
sec-Butylbenzene	Ave	1.604	1.603		9.99	10.0	-0.0	30.0
4-Isopropyltoluene	Ave	1.362	1.345		9.87	10.0	-1.3	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.7523		9.68	10.0	-3.2	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7497		9.70	10.0	-3.0	30.0
Benzyl chloride	Ave	0.8770	0.9358		10.7	10.0	6.7	30.0
n-Undecane	Ave	0.6294	0.5900		9.37	10.0	-6.3	30.0
n-Butylbenzene	Ave	1.173	1.193		10.2	10.0	1.7	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.6916		9.41	10.0	-5.9	30.0
n-Dodecane	Ave	0.3305	0.4108		12.4	10.0	24.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.3424		8.71	10.0	-12.8	30.0
Hexachlorobutadiene	Ave	0.3860	0.3357		8.70	10.0	-13.0	30.0
Naphthalene	Ave	0.8764	0.7793		8.89	10.0	-11.1	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.2955		8.87	10.0	-11.3	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn012.d
Lab Smp Id: icv 264634 Client Smp ID: icv 264634
Inj Date : 13-JAN-2012 00:56
Operator : pad Inst ID: C.i
Smp Info : icv 264634
Misc Info : 200,1,icv
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:28 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.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)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.972	4.977	(0.447)	311879	9.70274	9.7
2	Dichlorodifluoromethane	85	5.052	5.057	(0.454)	1213366	9.88976	9.9
3	Chlorodifluoromethane	51	5.100	5.100	(0.459)	653792	9.93078	9.9
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.345	5.351	(0.481)	1327661	10.2022	10
5	Chloromethane	50	5.511	5.516	(0.496)	370083	9.95266	10
6	Butane	43	5.724	5.730	(0.515)	718026	9.69489	9.7
7	Vinyl chloride	62	5.767	5.767	(0.519)	459482	10.1537	10
8	1,3-Butadiene	54	5.842	5.847	(0.525)	372029	10.5546	11
9	Bromomethane	94	6.509	6.509	(0.585)	407690	9.96020	10
10	Chloroethane	64	6.711	6.712	(0.604)	250533	10.1377	10
11	2-Methylbutane	43	6.776	6.781	(0.609)	564822	9.71609	9.7
12	Vinyl bromide	106	7.064	7.064	(0.635)	429774	10.4809	10
13	Trichlorofluoromethane	101	7.144	7.149	(0.642)	1258326	10.1252	10
14	Pentane	43	7.256	7.256	(0.653)	833106	9.91852	9.9

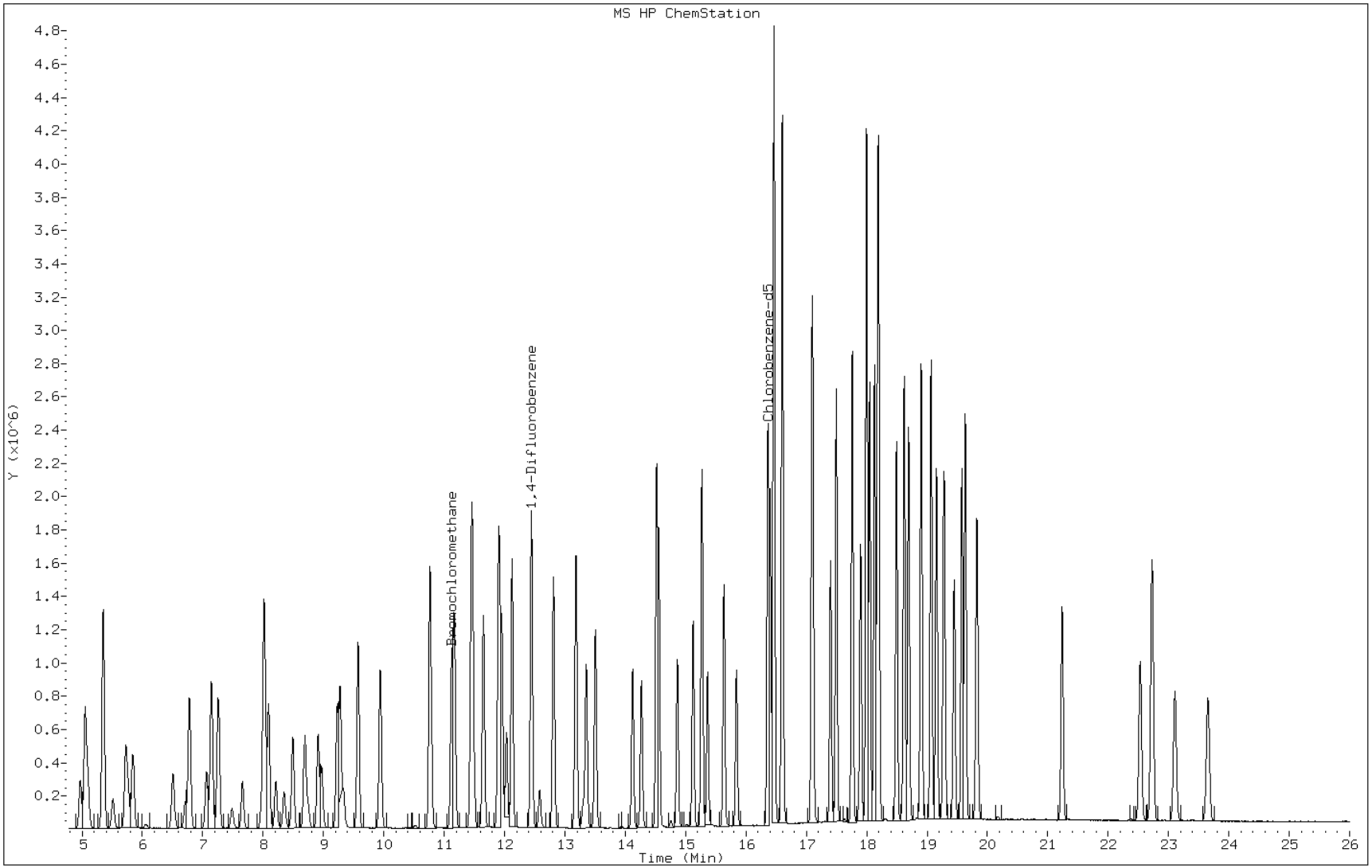
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.485	7.485	(0.673)	221875	14.8692	15
	16 Ethyl ether	59	7.661	7.656	(0.689)	264909	8.37299	8.4
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.721)	961376	11.0969	11
	18 Acrolein	56	7.976	7.976	(0.717)	113363	7.64030	7.6
	19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	478412	11.6968	12
	20 Acetone	43	8.211	8.211	(0.738)	545458	8.79478	8.8
	21 Carbon disulfide	76	8.494	8.494	(0.764)	1293350	10.5053	11
	22 Isopropanol	45	8.350	8.350	(0.751)	448372	10.5346	11
	23 Allyl chloride	41	8.691	8.692	(0.782)	665944	10.9681	11(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	218799	8.49986	8.5(QM)
	25 Methylene chloride	49	8.910	8.910	(0.801)	498540	10.6950	11
	26 Tert-butyl alcohol	59	8.969	8.969	(0.807)	689048	10.8945	11
	27 Methyl tert-butyl ether	73	9.230	9.231	(0.830)	1159600	8.91491	8.9
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	676903	10.3129	10
	29 Acrylonitrile	53	9.337	9.337	(0.840)	265719	9.03902	9.0
	30 n-Hexane	57	9.572	9.572	(0.861)	783349	10.3501	10
	31 1,1-Dichloroethane	63	9.951	9.951	(0.895)	845334	10.2358	10
	32 Vinyl acetate	43	9.935	9.935	(0.893)	922659	8.56705	8.6
M	33 1,2-Dichloroethene,Total	61				1183079	20.7323	21
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.969)	506176	10.4194	10
	35 Ethyl acetate	88	10.762	10.762	(0.968)	35334	8.36568	8.4
	36 Methyl Ethyl Ketone	72	10.762	10.762	(0.968)	195079	8.58289	8.6(Q)
*	37 Bromochloromethane	128	11.120	11.125	(1.000)	380296	10.0000	
	38 Tetrahydrofuran	42	11.157	11.152	(0.897)	424359	8.76425	8.8
	39 Chloroform	83	11.173	11.173	(1.005)	1014690	10.1857	10
	40 Cyclohexane	84	11.472	11.477	(0.922)	735627	10.2531	10
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1121849	10.0397	10
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	1144007	10.0511	10
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2498488	10.2313	10
	44 Benzene	78	11.958	11.958	(0.961)	1539519	9.89178	9.9
	45 1,2-Dichloroethane	62	12.032	12.032	(0.967)	675374	10.0800	10
	46 n-Heptane	43	12.128	12.129	(0.975)	918735	10.1457	10
*	47 1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2183812	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	195346	10.5427	11
	49 Trichloroethene	95	12.812	12.812	(1.030)	719945	10.3261	10
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	514757	9.66903	9.7(Q)
	51 Methyl methacrylate	69	13.190	13.191	(1.060)	420532	8.50803	8.5
	52 Dibromomethane	174	13.356	13.356	(1.073)	542847	9.98521	10
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	169821	9.25958	9.3
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	1148884	10.4493	10
	55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	794168	9.65366	9.7
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.147)	830613	8.87924	8.9
	57 n-Octane	43	14.514	14.514	(1.166)	1205093	9.75873	9.8
	58 Toluene	92	14.557	14.557	(0.889)	1055638	10.5088	11
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	786387	9.24372	9.2
	60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	460000	10.1503	10
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	890836	10.8580	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	15.363	15.363	(0.939)	821564	10.2671	10
63	Dibromochloromethane	129	15.635	15.635	(0.955)	1078349	11.3633	11
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	896453	10.6079	11
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1809282	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	1375518	10.3135	10
67	n-Nonane	57	16.462	16.462	(1.006)	1037384	10.4628	10
68	Ethylbenzene	91	16.462	16.462	(1.006)	2214804	9.95989	10
69	Xylene (m,p)	106	16.601	16.601	(1.014)	1712216	19.5885	20
M 70	Xylenes, Total	106				2520751	29.2855	29
71	Xylene (o)	106	17.092	17.092	(1.044)	808535	9.69696	9.7
72	Styrene	104	17.113	17.113	(1.046)	1300224	10.0229	10
73	Bromoform	173	17.401	17.401	(1.063)	999162	10.8115	11
74	Isopropylbenzene	105	17.497	17.497	(1.069)	2388622	9.87905	9.9
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	1133305	9.50929	9.5
76	n-Propylbenzene	91	17.994	17.994	(1.099)	2911431	9.92707	9.9
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	938558	9.77877	9.8
78	n-Decane	57	18.047	18.047	(1.103)	1172657	9.99332	10
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	2530647	10.1581	10
80	2-Chlorotoluene	91	18.180	18.181	(1.111)	2245899	10.3038	10
81	1,3,5-Trimethylbenzene	105	18.196	18.197	(1.112)	2092379	9.77478	9.8
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1026273	10.2588	10
83	tert-butylbenzene	119	18.618	18.618	(1.138)	1951350	9.89031	9.9
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	1979462	9.61223	9.6
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	2899625	9.98966	10
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	2432937	9.87250	9.9
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	1360888	9.67635	9.7
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	1356208	9.70002	9.7
89	Benzyl chloride	91	19.445	19.445	(1.188)	1692789	10.6685	11
90	Undecane	57	19.573	19.573	(1.196)	1067304	9.37213	9.4
91	n-Butylbenzene	91	19.632	19.632	(1.200)	2157910	10.1684	10
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	1251081	9.40544	9.4
93	Dodecane	57	21.239	21.239	(1.298)	743115	12.4287	12
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	619407	8.71407	8.7
95	1,3-Hexachlorobutadiene	225	22.728	22.733	(1.389)	607232	8.69558	8.7
96	Naphthalene	128	23.106	23.107	(1.412)	1409711	8.89023	8.9
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	534612	8.86577	8.9

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn012.d	Date:	13-JAN-2012 00:56
Client ID:	icv 264634	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icv 264634		
Lab Sample ID:	icv 264634		



Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

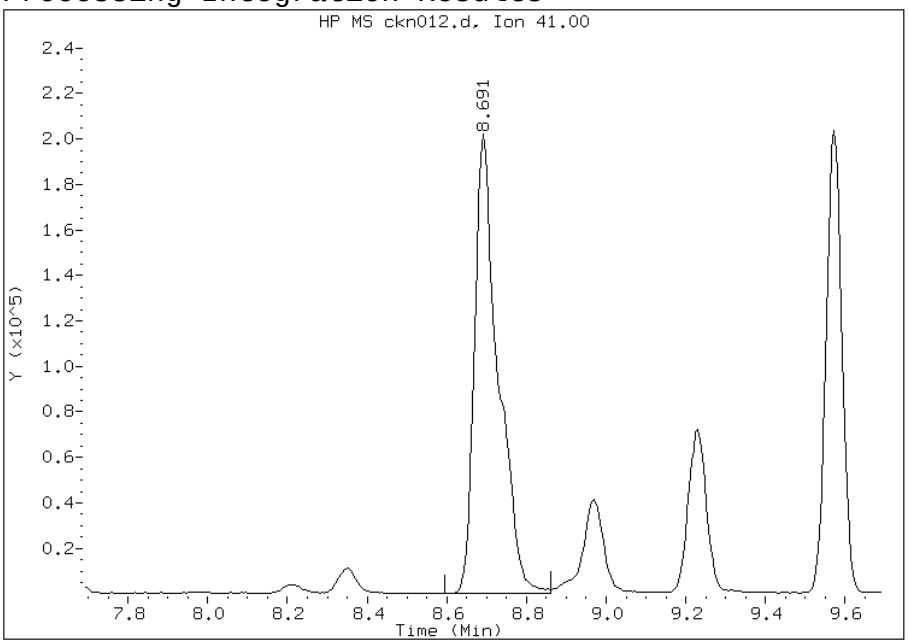
Processing Integration Results

RT: 8.69

Response: 830030

Amount: 10.90

Conc: 10.90



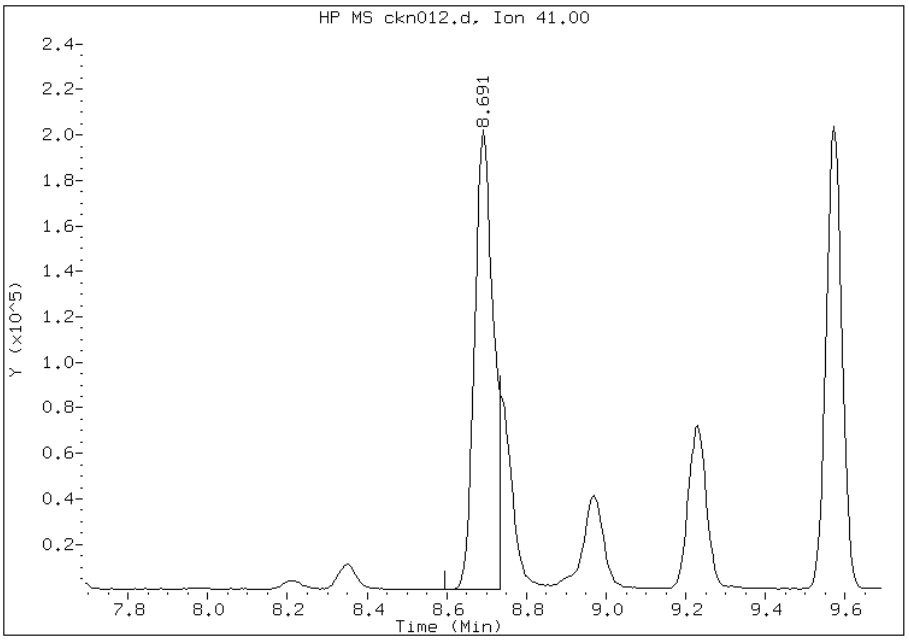
Manual Integration Results

RT: 8.69

Response: 665944

Amount: 10.97

Conc: 10.97



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

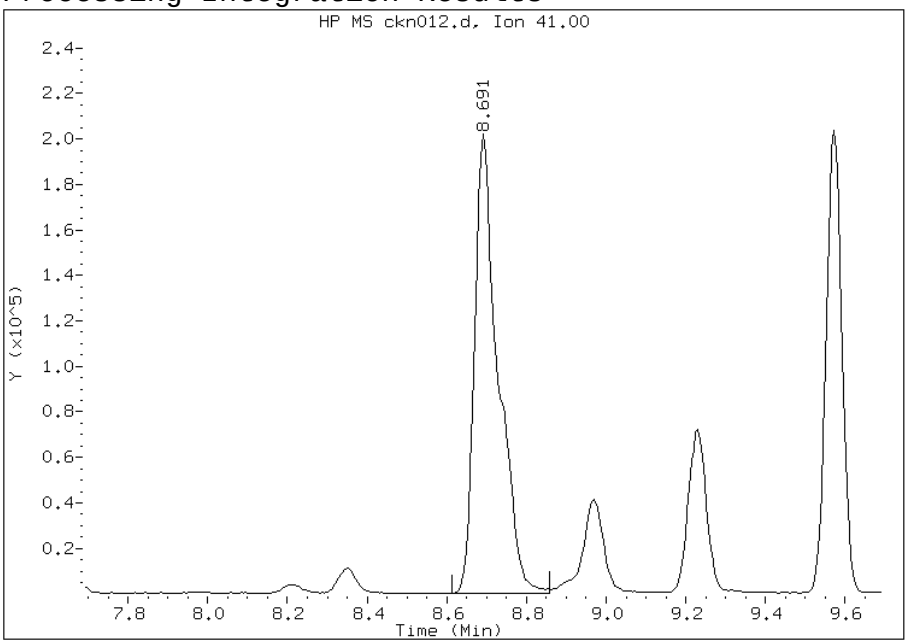
Processing Integration Results

RT: 8.69

Response: 827762

Amount: 32.16

Conc: 32.16



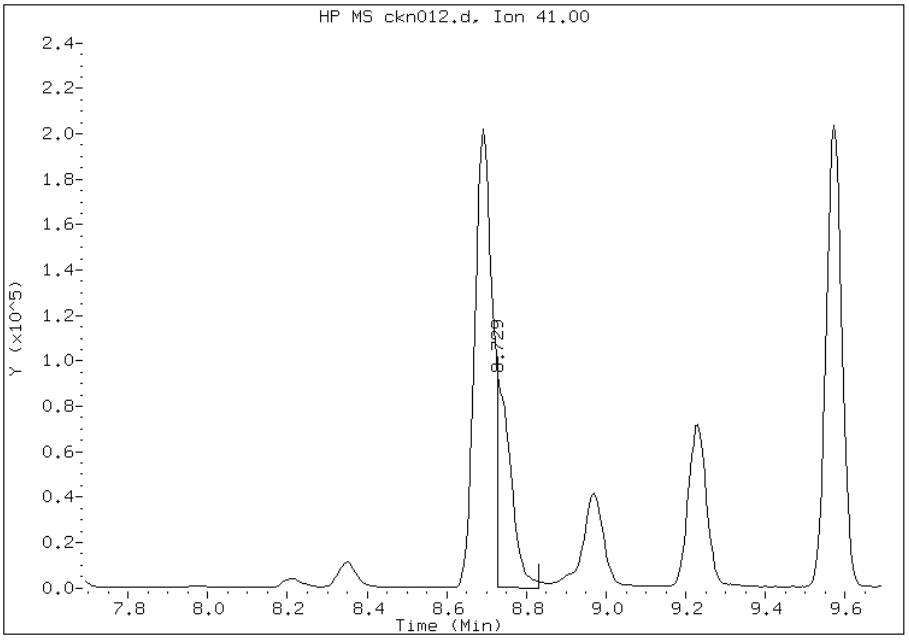
Manual Integration Results

RT: 8.73

Response: 218799

Amount: 8.50

Conc: 8.50



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: CCVIS 200-33356/3 Calibration Date: 02/06/2012 10:54

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknq003.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	0.8452	0.8255		9.76	10.0	-2.3	30.0
Dichlorodifluoromethane	Ave	3.226	3.442		10.7	10.0	6.7	30.0
Freon 22	Ave	1.731	1.690		9.76	10.0	-2.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.296		9.63	10.0	-3.7	30.0
Chloromethane	Ave	0.9778	0.9045		9.25	10.0	-7.5	30.0
n-Butane	Ave	1.947	1.769		9.08	10.0	-9.1	30.0
Vinyl chloride	Ave	1.190	1.076		9.04	10.0	-9.6	30.0
1,3-Butadiene	Ave	0.9269	0.8300		8.95	10.0	-10.4	30.0
Bromomethane	Ave	1.076	0.9765		9.07	10.0	-9.3	30.0
Chloroethane	Ave	0.6498	0.5672		8.73	10.0	-12.7	30.0
Isopentane	Ave	1.529	1.294		8.46	10.0	-15.4	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	0.999		9.26	10.0	-7.3	30.0
Trichlorofluoromethane	Ave	3.268	3.381		10.3	10.0	3.5	30.0
n-Pentane	Ave	2.209	2.008		9.09	10.0	-9.1	30.0
Ethanol	Ave	0.3924	0.3475		13.3	15.0	-11.4	30.0
Ethyl ether	Ave	0.8319	0.7980		9.59	10.0	-4.1	30.0
Acrolein	Ave	0.3902	0.3837		9.83	10.0	-1.7	30.0
Freon TF	Ave	2.278	2.240		9.83	10.0	-1.7	30.0
1,1-Dichloroethene	Ave	1.076	1.026		9.54	10.0	-4.6	30.0
Acetone	Ave	1.631	1.794		11.0	10.0	10.0	30.0
Isopropyl alcohol	Ave	1.119	1.156		10.3	10.0	3.3	30.0
Carbon disulfide	Ave	3.237	3.080		9.51	10.0	-4.9	30.0
3-Chloropropene	Ave	1.597	1.594		9.98	10.0	-0.1	30.0
Acetonitrile	Ave	0.6769	0.6793		10.0	10.0	0.4	30.0
Methylene Chloride	Ave	1.226	1.157		9.44	10.0	-5.6	30.0
tert-Butyl alcohol	Ave	1.663	1.780		10.7	10.0	7.0	30.0
Methyl tert-butyl ether	Ave	3.420	3.466		10.1	10.0	1.3	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.688		9.78	10.0	-2.2	30.0
Acrylonitrile	Ave	0.7730	0.7321		9.47	10.0	-5.3	30.0
n-Hexane	Ave	1.990	1.862		9.35	10.0	-6.5	30.0
Vinyl acetate	Ave	2.832	2.770		9.78	10.0	-2.2	30.0
1,1-Dichloroethane	Ave	2.172	2.114		9.73	10.0	-2.7	30.0
Ethyl acetate	Ave	0.1111	0.1045		9.41	10.0	-5.9	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5521		9.24	10.0	-7.6	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.220		9.55	10.0	-4.5	30.0
Tetrahydrofuran	Ave	0.2217	0.2103		9.48	10.0	-5.1	30.0
Chloroform	Ave	2.620	2.683		10.2	10.0	2.4	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5450		10.6	10.0	6.5	30.0
Cyclohexane	Ave	0.3285	0.3071		9.34	10.0	-6.5	30.0
Carbon tetrachloride	Ave	0.5212	0.5716		11.0	10.0	9.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: CCVIS 200-33356/3 Calibration Date: 02/06/2012 10:54

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknq003.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.118	1.054		9.42	10.0	-5.8	30.0
Benzene	Ave	0.7127	0.6703		9.40	10.0	-5.9	30.0
1,2-Dichloroethane	Ave	0.3068	0.3191		10.4	10.0	4.0	30.0
n-Heptane	Ave	0.4147	0.3875		9.34	10.0	-6.5	30.0
n-Butanol	Ave	0.0848	0.0947		11.2	10.0	11.7	30.0
Trichloroethene	Ave	0.3193	0.3181		9.96	10.0	-0.4	30.0
1,2-Dichloropropane	Ave	0.2438	0.2353		9.65	10.0	-3.5	30.0
Methyl methacrylate	Ave	0.2263	0.2207		9.75	10.0	-2.5	30.0
1,4-Dioxane	Ave	0.0840	0.0831		9.89	10.0	-1.1	30.0
Dibromomethane	Ave	0.2489	0.2354		9.45	10.0	-5.4	30.0
Bromodichloromethane	Ave	0.5035	0.5276		10.5	10.0	4.8	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3751		9.95	10.0	-0.4	30.0
methyl isobutyl ketone	Ave	0.4284	0.4281		9.99	10.0	-0.0	30.0
n-Octane	Ave	0.5655	0.5437		9.61	10.0	-3.9	30.0
Toluene	Ave	0.5552	0.5381		9.69	10.0	-3.1	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.3974		10.2	10.0	2.0	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2481		9.90	10.0	-1.0	30.0
Tetrachloroethene	Ave	0.4535	0.4409		9.72	10.0	-2.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4621		10.4	10.0	4.5	30.0
Dibromochloromethane	Ave	0.5245	0.5665		10.8	10.0	8.0	30.0
1,2-Dibromoethane	Ave	0.4671	0.4776		10.2	10.0	2.3	30.0
Chlorobenzene	Ave	0.7371	0.7171		9.73	10.0	-2.7	30.0
Ethylbenzene	Ave	1.229	1.249		10.2	10.0	1.6	30.0
n-Nonane	Ave	0.5480	0.5494		10.0	10.0	0.3	30.0
m,p-Xylene	Ave	0.4831	0.4821		20.0	20.0	-0.2	30.0
Xylene, o-	Ave	0.4608	0.4729		10.3	10.0	2.6	30.0
Styrene	Ave	0.7170	0.7461		10.4	10.0	4.1	30.0
Bromoform	Ave	0.5108	0.5443		10.7	10.0	6.6	30.0
Cumene	Ave	1.336	1.403		10.5	10.0	5.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6831		10.4	10.0	3.7	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5561		10.5	10.0	4.8	30.0
n-Propylbenzene	Ave	1.621	1.718		10.6	10.0	6.0	30.0
n-Decane	Ave	0.6486	0.6800		10.5	10.0	4.8	30.0
4-Ethyltoluene	Ave	1.377	1.479		10.7	10.0	7.4	30.0
2-Chlorotoluene	Ave	1.205	1.293		10.7	10.0	7.4	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.296		11.0	10.0	9.6	30.0
Alpha Methyl Styrene	Ave	0.5529	0.6064		11.0	10.0	9.7	30.0
tert-Butylbenzene	Ave	1.090	1.174		10.8	10.0	7.7	30.0
1,2,4-Trimethylbenzene	Ave	1.138	1.252		11.0	10.0	10.0	30.0
sec-Butylbenzene	Ave	1.604	1.734		10.8	10.0	8.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: CCVIS 200-33356/3 Calibration Date: 02/06/2012 10:54

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknq003.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	1.362	1.487		10.9	10.0	9.2	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.8035		10.3	10.0	3.4	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7917		10.2	10.0	2.4	30.0
Benzyl chloride	Ave	0.8770	1.083		12.4	10.0	23.5	30.0
n-Undecane	Ave	0.6294	0.6145		9.76	10.0	-2.4	30.0
n-Butylbenzene	Ave	1.173	1.331		11.3	10.0	13.5	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.7680		10.4	10.0	4.5	30.0
n-Dodecane	Ave	0.3305	0.3246		9.82	10.0	-1.8	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.4284		10.9	10.0	9.0	30.0
Hexachlorobutadiene	Ave	0.3860	0.4050		10.5	10.0	4.9	30.0
Naphthalene	Ave	0.8764	0.997		11.4	10.0	13.8	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.3456		10.4	10.0	3.7	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknqto15.b/cknq003.d
Lab Smp Id: ccvis 275680
Inj Date : 06-FEB-2012 10:54
Operator : wrd Inst ID: C.i
Smp Info : ccvis 275680
Misc Info : 200,1, ccvis
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.967	4.977	(0.447)	192803	10.0000	9.8
2	Dichlorodifluoromethane	85	5.052	5.057	(0.455)	803932	10.0000	11
3	Chlorodifluoromethane	51	5.095	5.100	(0.459)	394749	10.0000	9.8
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.346	5.351	(0.481)	769821	10.0000	9.6
5	Chloromethane	50	5.506	5.516	(0.496)	211247	10.0000	9.2
6	Butane	43	5.719	5.730	(0.515)	413261	10.0000	9.1
7	Vinyl chloride	62	5.762	5.767	(0.519)	251303	10.0000	9.0
8	1,3-Butadiene	54	5.837	5.847	(0.526)	193854	10.0000	9.0
9	Bromomethane	94	6.504	6.509	(0.586)	228060	10.0000	9.1
10	Chloroethane	64	6.701	6.712	(0.603)	132466	10.0000	8.7
11	2-Methylbutane	43	6.770	6.781	(0.610)	302167	10.0000	8.5
12	Vinyl bromide	106	7.053	7.064	(0.635)	233365	10.0000	9.3
13	Trichlorofluoromethane	101	7.139	7.149	(0.643)	789673	10.0000	10
14	Pentane	43	7.245	7.256	(0.652)	468933	10.0000	9.1

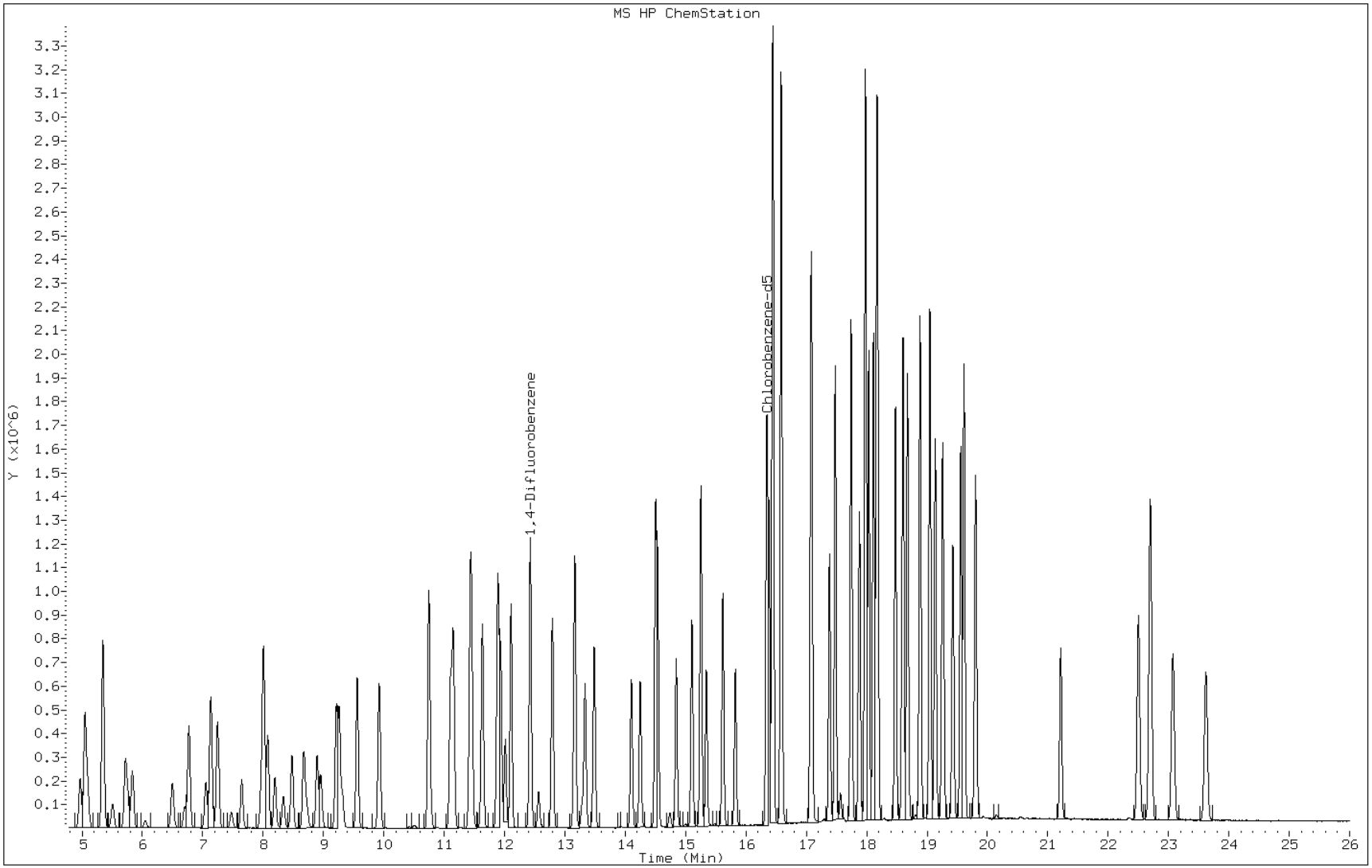
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.475	7.485	(0.673)	121788	15.0000	13
	16 Ethyl ether	59	7.646	7.656	(0.689)	186377	10.0000	9.6
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	523192	10.0000	9.8
	18 Acrolein	56	7.961	7.976	(0.717)	89605	10.0000	9.8
	19 1,1-Dichloroethene	96	8.078	8.088	(0.727)	239575	10.0000	9.5
	20 Acetone	43	8.195	8.211	(0.738)	419004	10.0000	11
	21 Carbon disulfide	76	8.478	8.494	(0.764)	719253	10.0000	9.5
	22 Isopropanol	45	8.340	8.350	(0.751)	270049	10.0000	10
	23 Allyl chloride	41	8.676	8.692	(0.781)	372386	10.0000	10(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	158648	10.0000	10(QM)
	25 Methylene chloride	49	8.895	8.910	(0.801)	270313	10.0000	9.4
	26 Tert-butyl alcohol	59	8.959	8.969	(0.807)	415667	10.0000	11
	27 Methyl tert-butyl ether	73	9.215	9.231	(0.830)	809551	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.263	9.279	(0.834)	394316	10.0000	9.8
	29 Acrylonitrile	53	9.316	9.337	(0.839)	170986	10.0000	9.5
	30 n-Hexane	57	9.556	9.572	(0.861)	434786	10.0000	9.4
	31 1,1-Dichloroethane	63	9.930	9.951	(0.894)	493663	10.0000	9.7
	32 Vinyl acetate	43	9.919	9.935	(0.893)	646858	10.0000	9.8
M	33 1,2-Dichloroethene,Total	61				679166	20.0000	19
	34 1,2-Dichloroethene (cis)	96	10.757	10.773	(0.969)	284850	10.0000	9.5
	35 Ethyl acetate	88	10.746	10.762	(0.968)	24405	10.0000	9.4
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.968)	128941	10.0000	9.2
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	233603	10.0000	
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	283622	10.0000	9.5
	39 Chloroform	83	11.152	11.173	(1.004)	626701	10.0000	10
	40 Cyclohexane	84	11.456	11.477	(0.922)	414107	10.0000	9.3
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	735026	10.0000	11
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	770844	10.0000	11
	43 2,2,4-Trimethylpentane	57	11.889	11.904	(0.957)	1420901	10.0000	9.4
	44 Benzene	78	11.937	11.958	(0.960)	903923	10.0000	9.4
	45 1,2-Dichloroethane	62	12.017	12.032	(0.967)	430370	10.0000	10
	46 n-Heptane	43	12.113	12.129	(0.975)	522627	10.0000	9.3
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1348834	10.0000	
	48 n-Butanol	56	12.561	12.582	(1.011)	127766	10.0000	11
	49 Trichloroethene	95	12.796	12.812	(1.030)	429041	10.0000	10
	50 1,2-Dichloropropane	63	13.159	13.180	(1.059)	317294	10.0000	9.6
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	297674	10.0000	9.8
	52 Dibromomethane	174	13.335	13.356	(1.073)	317432	10.0000	9.5
	53 1,4-Dioxane	88	13.287	13.303	(1.069)	112028	10.0000	9.9
	54 Bromodichloromethane	83	13.484	13.505	(1.085)	711444	10.0000	10
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	505783	10.0000	10
	56 Methyl isobutyl ketone	43	14.247	14.269	(1.146)	577277	10.0000	10
	57 n-Octane	43	14.498	14.514	(1.167)	733208	10.0000	9.6
	58 Toluene	92	14.536	14.557	(0.889)	671801	10.0000	9.7
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	535860	10.0000	10
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	309762	10.0000	9.9
	61 Tetrachloroethene	166	15.256	15.272	(0.933)	550530	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)
62	2-Hexanone	43	15.342	15.363	(0.939)	576945	10.0000	10
63	Dibromochloromethane	129	15.619	15.635	(0.956)	707337	10.0000	11
64	1,2-Dibromoethane	107	15.822	15.838	(0.968)	596366	10.0000	10
* 65	Chlorobenzene-d5	117	16.345	16.366	(1.000)	1248833	10.0000	
66	Chlorobenzene	112	16.382	16.403	(1.002)	895391	10.0000	9.7
67	n-Nonane	57	16.446	16.462	(1.006)	685961	10.0000	10
68	Ethylbenzene	91	16.446	16.462	(1.006)	1559433	10.0000	10
69	Xylene (m,p)	106	16.580	16.601	(1.014)	1203916	20.0000	20
M 70	Xylenes, Total	106				1794326	10.0000	30
71	Xylene (o)	106	17.076	17.092	(1.045)	590410	10.0000	10
72	Styrene	104	17.092	17.113	(1.046)	931627	10.0000	10
73	Bromoform	173	17.380	17.401	(1.063)	679618	10.0000	11
74	Isopropylbenzene	105	17.476	17.497	(1.069)	1752256	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.877	17.898	(1.094)	852873	10.0000	10
76	n-Propylbenzene	91	17.978	17.994	(1.100)	2145236	10.0000	11
77	1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	694340	10.0000	10
78	n-Decane	57	18.031	18.047	(1.103)	849019	10.0000	10
79	4-Ethyltoluene	105	18.111	18.127	(1.108)	1846040	10.0000	11
80	2-Chlorotoluene	91	18.165	18.181	(1.111)	1614887	10.0000	11
81	1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1618686	10.0000	11
82	Alpha Methyl Styrene	118	18.480	18.495	(1.131)	757135	10.0000	11
83	tert-butylbenzene	119	18.602	18.618	(1.138)	1465914	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1563112	10.0000	11
85	sec-Butylbenzene	105	18.885	18.901	(1.155)	2165077	10.0000	11
86	4-Isopropyltoluene	119	19.051	19.066	(1.166)	1857144	10.0000	11
87	1,3-Dichlorobenzene	146	19.136	19.157	(1.171)	1003251	10.0000	10
88	1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	988470	10.0000	10
89	Benzyl chloride	91	19.424	19.445	(1.188)	1352695	10.0000	12
90	Undecane	57	19.558	19.573	(1.197)	767282	10.0000	9.8
91	n-Butylbenzene	91	19.611	19.632	(1.200)	1661578	10.0000	11
92	1,2-Dichlorobenzene	146	19.809	19.830	(1.212)	958871	10.0000	10
93	Dodecane	57	21.217	21.239	(1.298)	405304	10.0000	9.8
94	1,2,4-Trichlorobenzene	180	22.504	22.535	(1.377)	534890	10.0000	11
95	1,3-Hexachlorobutadiene	225	22.701	22.733	(1.389)	505726	10.0000	10
96	Naphthalene	128	23.069	23.107	(1.411)	1245175	10.0000	11
97	1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	431488	10.0000	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cknq003.d	Date:	06-FEB-2012 10:54
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 275680		
Lab Sample ID:	ccvis 275680		



Manual Integration Report

Data File: cknq003.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 06-FEB-2012 10:54
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 02/08/2012

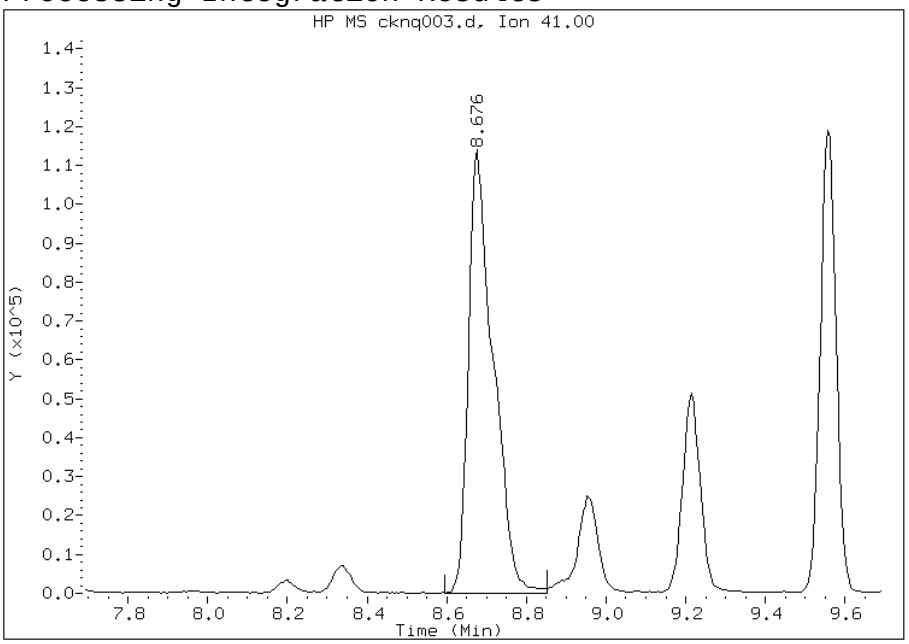
Processing Integration Results

RT: 8.68

Response: 492713

Amount: 31.16

Conc: 31.16



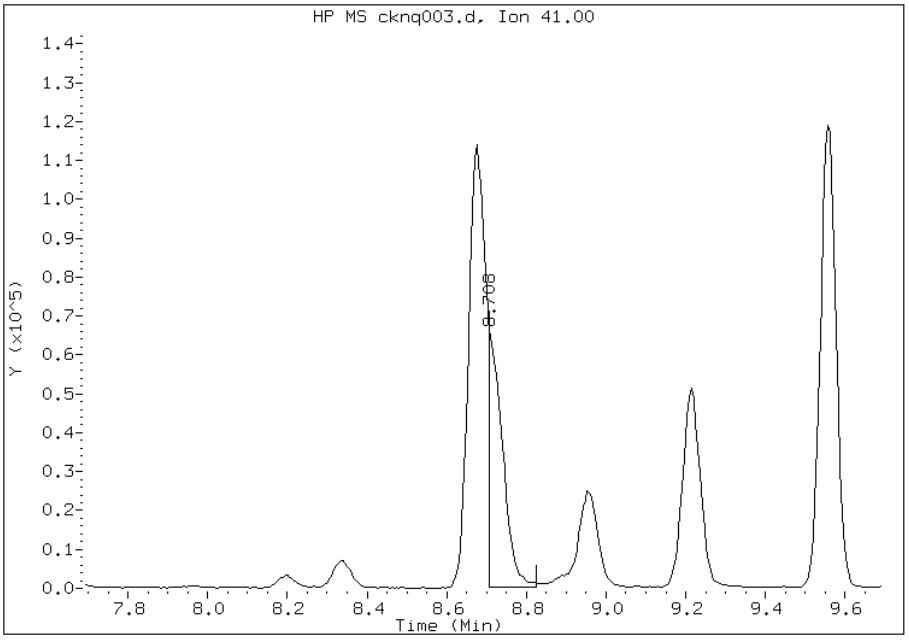
Manual Integration Results

RT: 8.71

Response: 158648

Amount: 10.03

Conc: 10.03



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknq003.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 06-FEB-2012 10:54
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

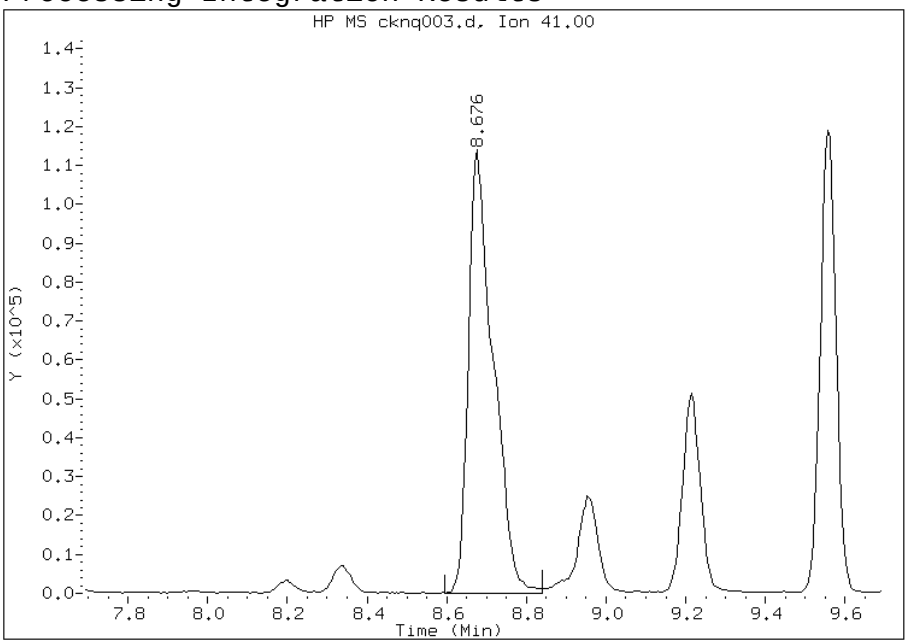
Processing Integration Results

RT: 8.68

Response: 491909

Amount: 13.19

Conc: 13.19



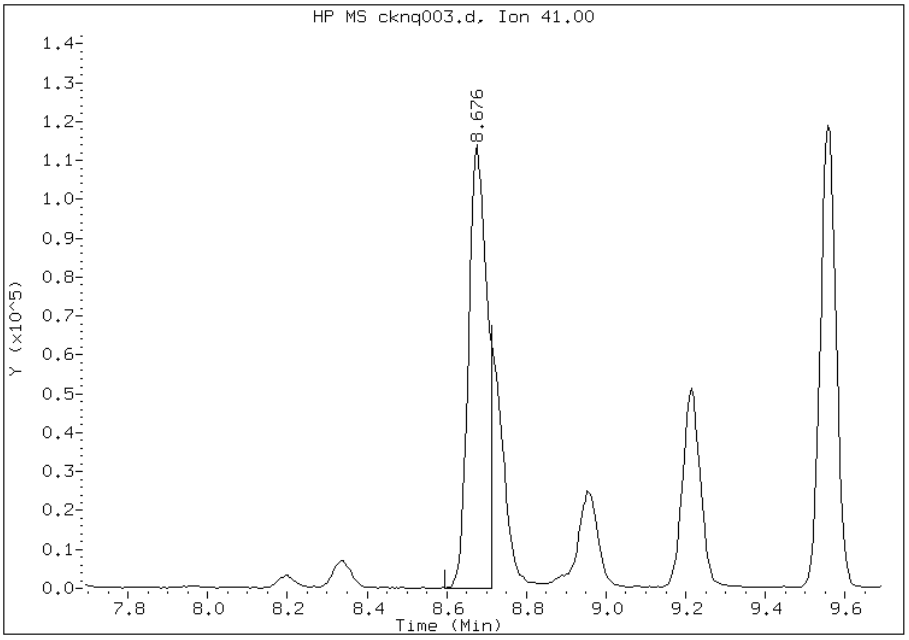
Manual Integration Results

RT: 8.68

Response: 372386

Amount: 9.98

Conc: 9.98



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: CCVIS 200-33381/2 Calibration Date: 02/07/2012 11:23

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 275680

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8452	0.8733		10.3	10.0	3.3	30.0
Dichlorodifluoromethane	Ave	3.226	3.628		11.2	10.0	12.5	30.0
Freon 22	Ave	1.731	1.813		10.5	10.0	4.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.555		10.4	10.0	3.9	30.0
Chloromethane	Ave	0.9778	0.9679		9.90	10.0	-1.0	30.0
n-Butane	Ave	1.947	1.865		9.57	10.0	-4.3	30.0
Vinyl chloride	Ave	1.190	1.145		9.62	10.0	-3.8	30.0
1,3-Butadiene	Ave	0.9269	0.8796		9.49	10.0	-5.1	30.0
Bromomethane	Ave	1.076	1.013		9.41	10.0	-5.9	30.0
Chloroethane	Ave	0.6498	0.5916		9.10	10.0	-9.0	30.0
Isopentane	Ave	1.529	1.329		8.69	10.0	-13.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	1.038		9.62	10.0	-3.8	30.0
Trichlorofluoromethane	Ave	3.268	3.656		11.2	10.0	11.9	30.0
n-Pentane	Ave	2.209	2.069		9.37	10.0	-6.3	30.0
Ethanol	Ave	0.3924	0.3490		13.3	15.0	-11.1	30.0
Ethyl ether	Ave	0.8319	0.8306		9.98	10.0	-0.2	30.0
Acrolein	Ave	0.3902	0.3904		10.0	10.0	0.0	30.0
Freon TF	Ave	2.278	2.296		10.1	10.0	0.8	30.0
1,1-Dichloroethene	Ave	1.076	1.050		9.76	10.0	-2.3	30.0
Acetone	Ave	1.631	1.812		11.1	10.0	11.1	30.0
Isopropyl alcohol	Ave	1.119	1.131		10.1	10.0	1.1	30.0
Carbon disulfide	Ave	3.237	3.157		9.75	10.0	-2.5	30.0
3-Chloropropene	Ave	1.597	1.574		9.85	10.0	-1.4	30.0
Acetonitrile	Ave	0.6769	0.6956		10.3	10.0	2.8	30.0
Methylene Chloride	Ave	1.226	1.209		9.86	10.0	-1.4	30.0
tert-Butyl alcohol	Ave	1.663	1.707		10.3	10.0	2.6	30.0
Methyl tert-butyl ether	Ave	3.420	3.611		10.6	10.0	5.6	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.755		10.2	10.0	1.7	30.0
Acrylonitrile	Ave	0.7730	0.7644		9.89	10.0	-1.1	30.0
n-Hexane	Ave	1.990	1.905		9.57	10.0	-4.3	30.0
Vinyl acetate	Ave	2.832	2.925		10.3	10.0	3.3	30.0
1,1-Dichloroethane	Ave	2.172	2.198		10.1	10.0	1.2	30.0
Ethyl acetate	Ave	0.1111	0.1091		9.82	10.0	-1.7	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5682		9.50	10.0	-4.9	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.247		9.76	10.0	-2.4	30.0
Tetrahydrofuran	Ave	0.2217	0.2186		9.86	10.0	-1.4	30.0
Chloroform	Ave	2.620	2.787		10.6	10.0	6.4	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5748		11.2	10.0	12.3	30.0
Cyclohexane	Ave	0.3285	0.3143		9.57	10.0	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: CCVIS 200-33381/2 Calibration Date: 02/07/2012 11:23

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 275680

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5212	0.6091		11.7	10.0	16.9	30.0
2,2,4-Trimethylpentane	Ave	1.118	1.066		9.53	10.0	-4.7	30.0
Benzene	Ave	0.7127	0.6687		9.38	10.0	-6.2	30.0
1,2-Dichloroethane	Ave	0.3068	0.3392		11.1	10.0	10.6	30.0
n-Heptane	Ave	0.4147	0.4016		9.68	10.0	-3.2	30.0
n-Butanol	Ave	0.0848	0.0830		9.78	10.0	-2.1	30.0
Trichloroethene	Ave	0.3193	0.3196		10.0	10.0	0.0	30.0
1,2-Dichloropropane	Ave	0.2438	0.2401		9.85	10.0	-1.5	30.0
Methyl methacrylate	Ave	0.2263	0.2292		10.1	10.0	1.3	30.0
1,4-Dioxane	Ave	0.0840	0.0849		10.1	10.0	1.1	30.0
Dibromomethane	Ave	0.2489	0.2419		9.71	10.0	-2.8	30.0
Bromodichloromethane	Ave	0.5035	0.5578		11.1	10.0	10.8	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3960		10.5	10.0	5.1	30.0
methyl isobutyl ketone	Ave	0.4284	0.4632		10.8	10.0	8.1	30.0
n-Octane	Ave	0.5655	0.5723		10.1	10.0	1.2	30.0
Toluene	Ave	0.5552	0.5142		9.26	10.0	-7.4	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.4311		11.1	10.0	10.7	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2410		9.62	10.0	-3.8	30.0
Tetrachloroethene	Ave	0.4535	0.4160		9.17	10.0	-8.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4564		10.3	10.0	3.2	30.0
Dibromochloromethane	Ave	0.5245	0.5590		10.7	10.0	6.6	30.0
1,2-Dibromoethane	Ave	0.4671	0.4667		9.99	10.0	-0.0	30.0
Chlorobenzene	Ave	0.7371	0.7041		9.55	10.0	-4.5	30.0
Ethylbenzene	Ave	1.229	1.226		9.98	10.0	-0.2	30.0
n-Nonane	Ave	0.5480	0.5328		9.72	10.0	-2.8	30.0
m,p-Xylene	Ave	0.4831	0.4693		19.4	20.0	-2.9	30.0
Xylene, o-	Ave	0.4608	0.4574		9.92	10.0	-0.7	30.0
Styrene	Ave	0.7170	0.7184		10.0	10.0	0.2	30.0
Bromoform	Ave	0.5108	0.5325		10.4	10.0	4.3	30.0
Cumene	Ave	1.336	1.390		10.4	10.0	4.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6594		10.0	10.0	0.1	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5489		10.3	10.0	3.5	30.0
n-Propylbenzene	Ave	1.621	1.698		10.5	10.0	4.7	30.0
n-Decane	Ave	0.6486	0.6776		10.4	10.0	4.5	30.0
4-Ethyltoluene	Ave	1.377	1.463		10.6	10.0	6.2	30.0
2-Chlorotoluene	Ave	1.205	1.269		10.5	10.0	5.3	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.276		10.8	10.0	7.8	30.0
Alpha Methyl Styrene	Ave	0.5529	0.5968		10.8	10.0	7.9	30.0
tert-Butylbenzene	Ave	1.090	1.174		10.8	10.0	7.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Lab Sample ID: CCVIS 200-33381/2 Calibration Date: 02/07/2012 11:23

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknr002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 275680

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.138	1.260		11.1	10.0	10.7	30.0
sec-Butylbenzene	Ave	1.604	1.725		10.8	10.0	7.5	30.0
4-Isopropyltoluene	Ave	1.362	1.476		10.8	10.0	8.4	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.7815		10.1	10.0	0.5	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7740		10.0	10.0	0.2	30.0
Benzyl chloride	Ave	0.8770	1.087		12.4	10.0	23.9	30.0
n-Undecane	Ave	0.6294	0.6533		10.4	10.0	3.8	30.0
n-Butylbenzene	Ave	1.173	1.316		11.2	10.0	12.2	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.7497		10.2	10.0	2.0	30.0
n-Dodecane	Ave	0.3305	0.2723		8.24	10.0	-17.6	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.3895		9.91	10.0	-0.9	30.0
Hexachlorobutadiene	Ave	0.3860	0.3812		9.87	10.0	-1.2	30.0
Naphthalene	Ave	0.8764	0.9099		10.4	10.0	3.8	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.3234		9.70	10.0	-3.0	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknrto15.b/cknr002.d
Lab Smp Id: ccvis 275680 Client Smp ID: ccvis 275680
Inj Date : 07-FEB-2012 11:23
Operator : wrd Inst ID: C.i
Smp Info : ccvis 275680
Misc Info : 200,1, ccvis
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.966	4.977	(0.447)	181709	10.0000	10
2	Dichlorodifluoromethane	85	5.052	5.057	(0.455)	754890	10.0000	11
3	Chlorodifluoromethane	51	5.094	5.100	(0.459)	377278	10.0000	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.345	5.351	(0.481)	739658	10.0000	10
5	Chloromethane	50	5.505	5.516	(0.496)	201393	10.0000	9.9
6	Butane	43	5.719	5.730	(0.515)	387976	10.0000	9.6
7	Vinyl chloride	62	5.762	5.767	(0.519)	238193	10.0000	9.6
8	1,3-Butadiene	54	5.836	5.847	(0.526)	183022	10.0000	9.5
9	Bromomethane	94	6.498	6.509	(0.585)	210664	10.0000	9.4
10	Chloroethane	64	6.696	6.712	(0.603)	123091	10.0000	9.1
11	2-Methylbutane	43	6.770	6.781	(0.610)	276568	10.0000	8.7
12	Vinyl bromide	106	7.053	7.064	(0.635)	215871	10.0000	9.6
13	Trichlorofluoromethane	101	7.133	7.149	(0.642)	760697	10.0000	11
14	Pentane	43	7.251	7.256	(0.653)	430566	10.0000	9.4

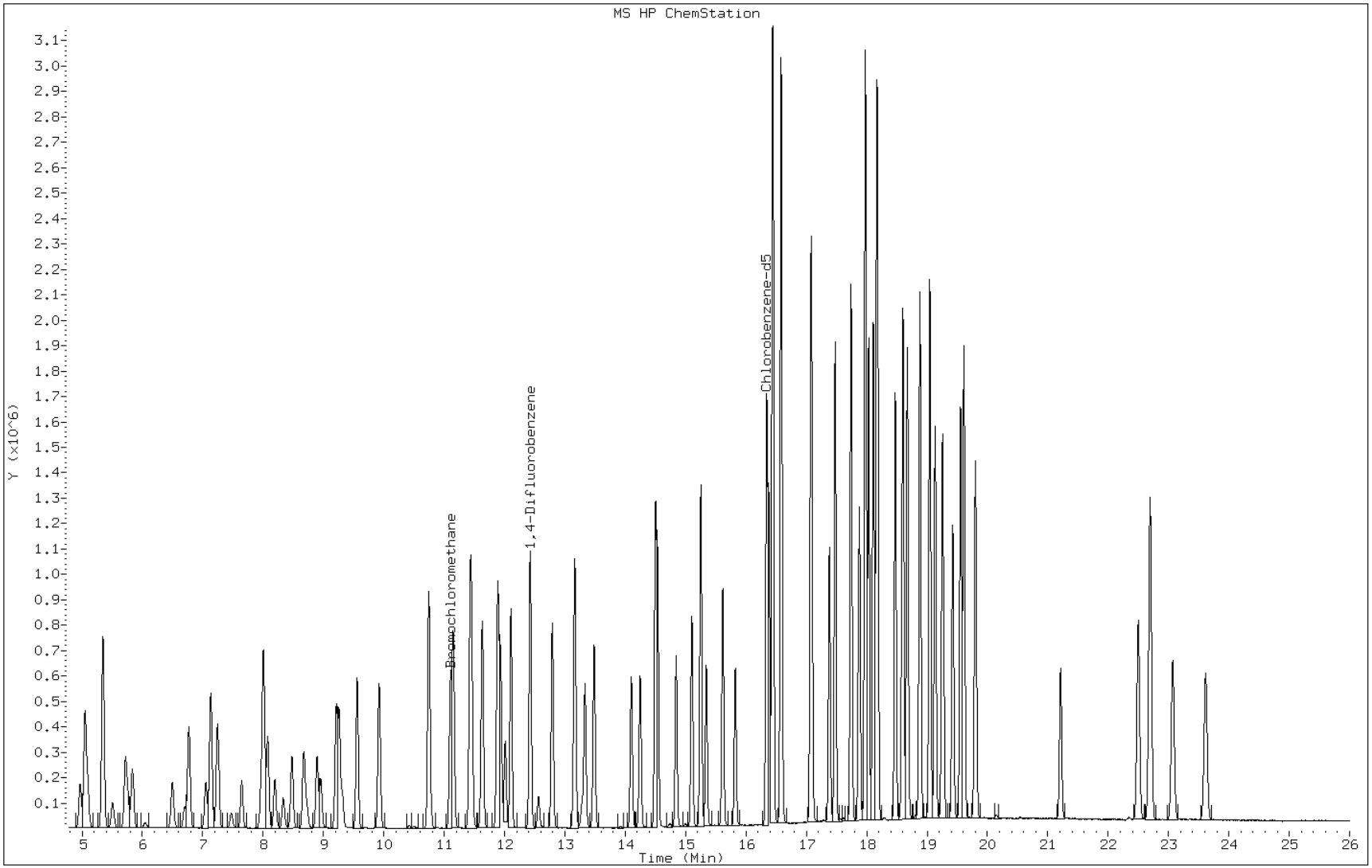
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.469	7.485	(0.673)	108970	15.0000	13
	16 Ethyl ether	59	7.646	7.656	(0.689)	172827	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	477656	10.0000	10
	18 Acrolein	56	7.960	7.976	(0.717)	81223	10.0000	10
	19 1,1-Dichloroethene	96	8.078	8.088	(0.727)	218543	10.0000	9.8
	20 Acetone	43	8.195	8.211	(0.738)	377083	10.0000	11
	21 Carbon disulfide	76	8.478	8.494	(0.764)	656949	10.0000	9.8
	22 Isopropanol	45	8.334	8.350	(0.751)	235420	10.0000	10
	23 Allyl chloride	41	8.676	8.692	(0.781)	327408	10.0000	9.9(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	144738	10.0000	10(QM)
	25 Methylene chloride	49	8.889	8.910	(0.801)	251458	10.0000	9.9
	26 Tert-butyl alcohol	59	8.953	8.969	(0.806)	355140	10.0000	10
	27 Methyl tert-butyl ether	73	9.215	9.231	(0.830)	751247	10.0000	11
	28 1,2-Dichloroethene (trans)	61	9.263	9.279	(0.834)	365187	10.0000	10
	29 Acrylonitrile	53	9.316	9.337	(0.839)	159041	10.0000	9.9
	30 n-Hexane	57	9.556	9.572	(0.861)	396369	10.0000	9.6
	31 1,1-Dichloroethane	63	9.930	9.951	(0.894)	457239	10.0000	10
	32 Vinyl acetate	43	9.914	9.935	(0.893)	608531	10.0000	10
M	33 1,2-Dichloroethene,Total	61				624647	20.0000	20
	34 1,2-Dichloroethene (cis)	96	10.757	10.773	(0.969)	259460	10.0000	9.8
	35 Ethyl acetate	88	10.746	10.762	(0.968)	22705	10.0000	9.8
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.968)	118216	10.0000	9.5(Q)
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	208104	10.0000	
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	263075	10.0000	9.9
	39 Chloroform	83	11.157	11.173	(1.005)	579771	10.0000	11
	40 Cyclohexane	84	11.456	11.477	(0.922)	378258	10.0000	9.6
	41 1,1,1-Trichloroethane	97	11.429	11.451	(0.920)	691660	10.0000	11
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	732904	10.0000	12
	43 2,2,4-Trimethylpentane	57	11.888	11.904	(0.957)	1282712	10.0000	9.5
	44 Benzene	78	11.936	11.958	(0.960)	804613	10.0000	9.4
	45 1,2-Dichloroethane	62	12.016	12.032	(0.967)	408223	10.0000	11
	46 n-Heptane	43	12.107	12.129	(0.974)	483238	10.0000	9.7
*	47 1,4-Difluorobenzene	114	12.427	12.443	(1.000)	1203563	10.0000	
	48 n-Butanol	56	12.561	12.582	(1.011)	99922	10.0000	9.8
	49 Trichloroethene	95	12.790	12.812	(1.029)	384529	10.0000	10
	50 1,2-Dichloropropane	63	13.159	13.180	(1.059)	288964	10.0000	9.8
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	275769	10.0000	10
	52 Dibromomethane	174	13.335	13.356	(1.073)	291040	10.0000	9.7
	53 1,4-Dioxane	88	13.281	13.303	(1.069)	102174	10.0000	10
	54 Bromodichloromethane	83	13.484	13.505	(1.085)	671205	10.0000	11
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	476553	10.0000	11
	56 Methyl isobutyl ketone	43	14.247	14.269	(1.146)	557343	10.0000	11
	57 n-Octane	43	14.498	14.514	(1.167)	688614	10.0000	10
	58 Toluene	92	14.535	14.557	(0.889)	624528	10.0000	9.3
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	518763	10.0000	11
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	292679	10.0000	9.6
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	505270	10.0000	9.2

	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	15.341	15.363	(0.939)	554328	10.0000	10
63	Dibromochloromethane	129	15.619	15.635	(0.956)	678966	10.0000	11
64	1,2-Dibromoethane	107	15.822	15.838	(0.968)	566806	10.0000	10
* 65	Chlorobenzene-d5	117	16.345	16.366	(1.000)	1214820	10.0000	
66	Chlorobenzene	112	16.382	16.403	(1.002)	855125	10.0000	9.5
67	n-Nonane	57	16.446	16.462	(1.006)	647178	10.0000	9.7
68	Ethylbenzene	91	16.441	16.462	(1.006)	1489569	10.0000	10
69	Xylene (m,p)	106	16.579	16.601	(1.014)	1140082	20.0000	19
M 70	Xylenes, Total	106				1695679	10.0000	29
71	Xylene (o)	106	17.076	17.092	(1.045)	555597	10.0000	9.9
72	Styrene	104	17.092	17.113	(1.046)	872579	10.0000	10
73	Bromoform	173	17.380	17.401	(1.063)	646777	10.0000	10
74	Isopropylbenzene	105	17.476	17.497	(1.069)	1688433	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.876	17.898	(1.094)	800942	10.0000	10
76	n-Propylbenzene	91	17.978	17.994	(1.100)	2061848	10.0000	10
77	1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	666723	10.0000	10
78	n-Decane	57	18.031	18.047	(1.103)	822977	10.0000	10
79	4-Ethyltoluene	105	18.106	18.127	(1.108)	1776393	10.0000	11
80	2-Chlorotoluene	91	18.159	18.181	(1.111)	1541062	10.0000	11
81	1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1549399	10.0000	11
82	Alpha Methyl Styrene	118	18.474	18.495	(1.130)	724913	10.0000	11
83	tert-butylbenzene	119	18.597	18.618	(1.138)	1426101	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1530757	10.0000	11
85	sec-Butylbenzene	105	18.880	18.901	(1.155)	2095594	10.0000	11
86	4-Isopropyltoluene	119	19.045	19.066	(1.165)	1792783	10.0000	11
87	1,3-Dichlorobenzene	146	19.136	19.157	(1.171)	949191	10.0000	10
88	1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	940059	10.0000	10
89	Benzyl chloride	91	19.424	19.445	(1.188)	1319769	10.0000	12
90	Undecane	57	19.552	19.573	(1.196)	793424	10.0000	10
91	n-Butylbenzene	91	19.611	19.632	(1.200)	1598973	10.0000	11
92	1,2-Dichlorobenzene	146	19.803	19.830	(1.212)	910609	10.0000	10
93	Dodecane	57	21.212	21.239	(1.298)	330744	10.0000	8.2
94	1,2,4-Trichlorobenzene	180	22.503	22.535	(1.377)	473050	10.0000	9.9
95	1,3-Hexachlorobutadiene	225	22.696	22.733	(1.389)	462956	10.0000	9.9
96	Naphthalene	128	23.069	23.107	(1.411)	1105170	10.0000	10
97	1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	392760	10.0000	9.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cknr002.d	Date:	07-FEB-2012 11:23
Client ID:	ccvis 275680	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 275680		
Lab Sample ID:	ccvis 275680		



Manual Integration Report

Data File: cknr002.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 07-FEB-2012 11:23
Instrument ID: C.i
Client ID: ccvis 275680
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 02/08/2012

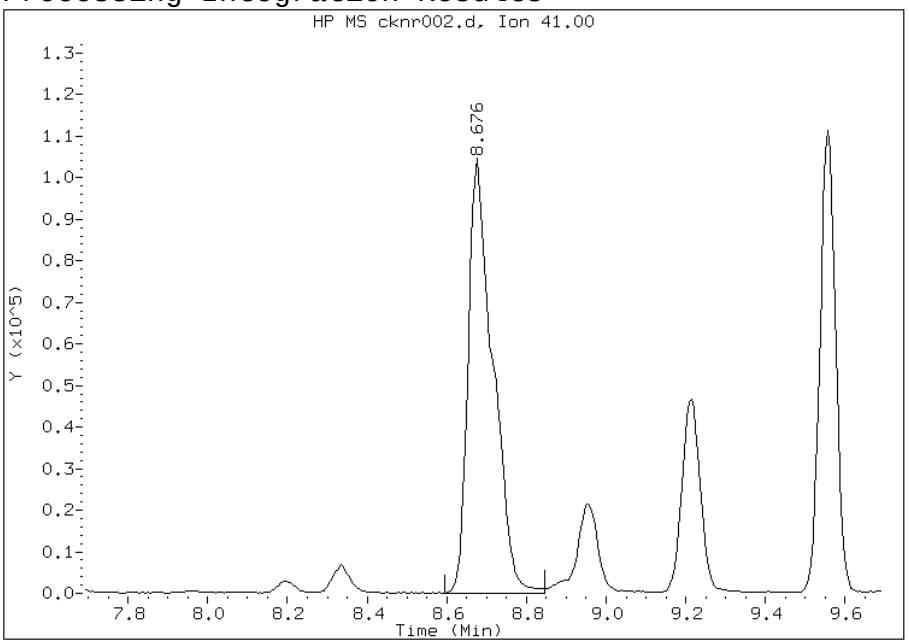
Processing Integration Results

RT: 8.68

Response: 451287

Amount: 32.04

Conc: 32.04



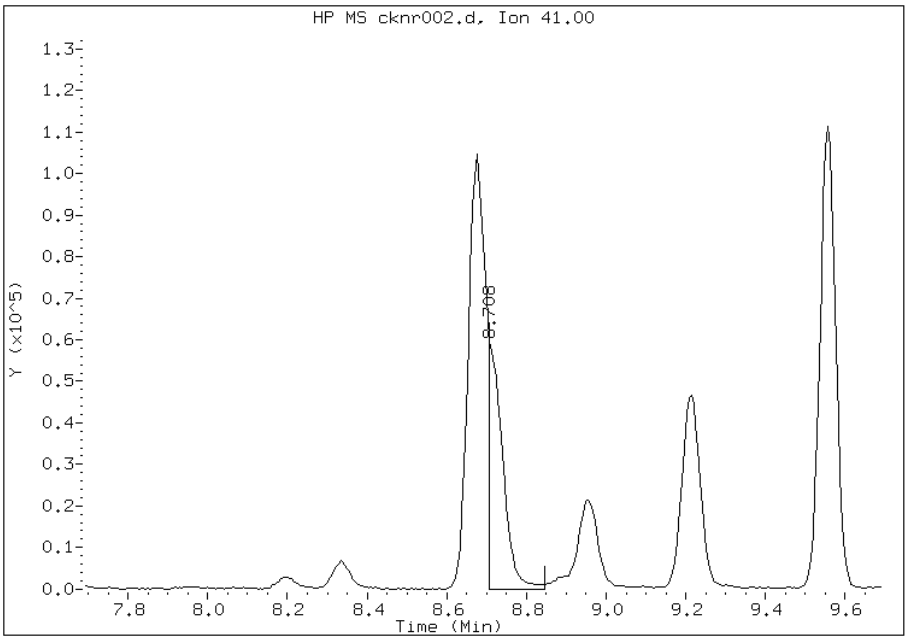
Manual Integration Results

RT: 8.71

Response: 144738

Amount: 10.28

Conc: 10.28



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

Manual Integration Report

Data File: cknr002.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 07-FEB-2012 11:23
Instrument ID: C.i
Client ID: ccvis 275680
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

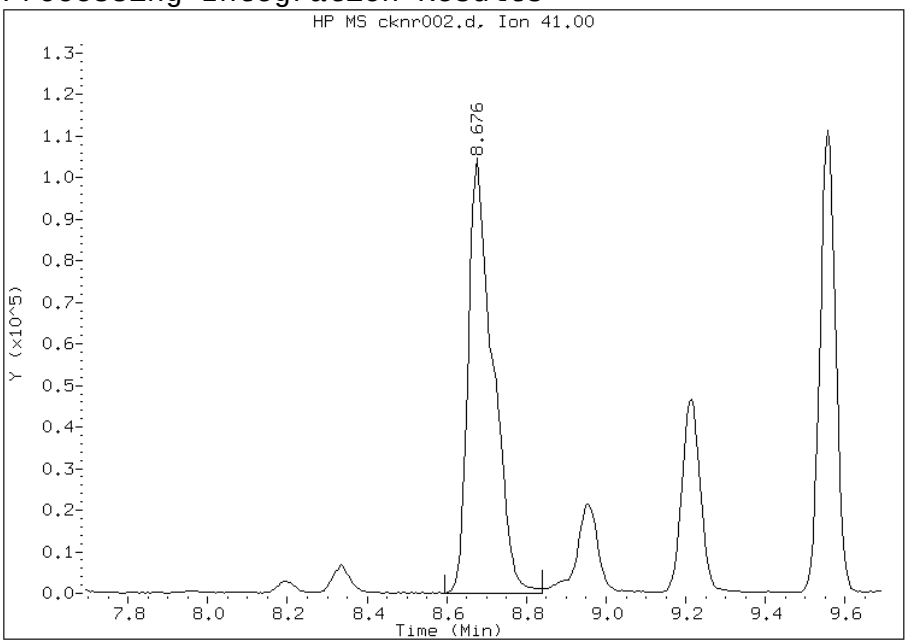
Processing Integration Results

RT: 8.68

Response: 450917

Amount: 13.57

Conc: 13.57



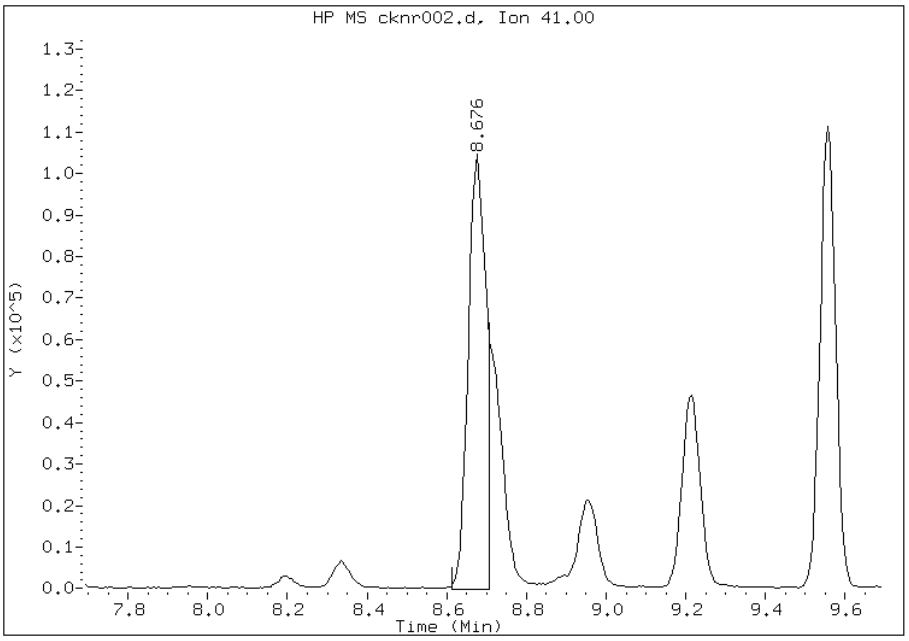
Manual Integration Results

RT: 8.68

Response: 327408

Amount: 9.85

Conc: 9.85



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-JAN-2012 15:51
Operator : pad Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknto15.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

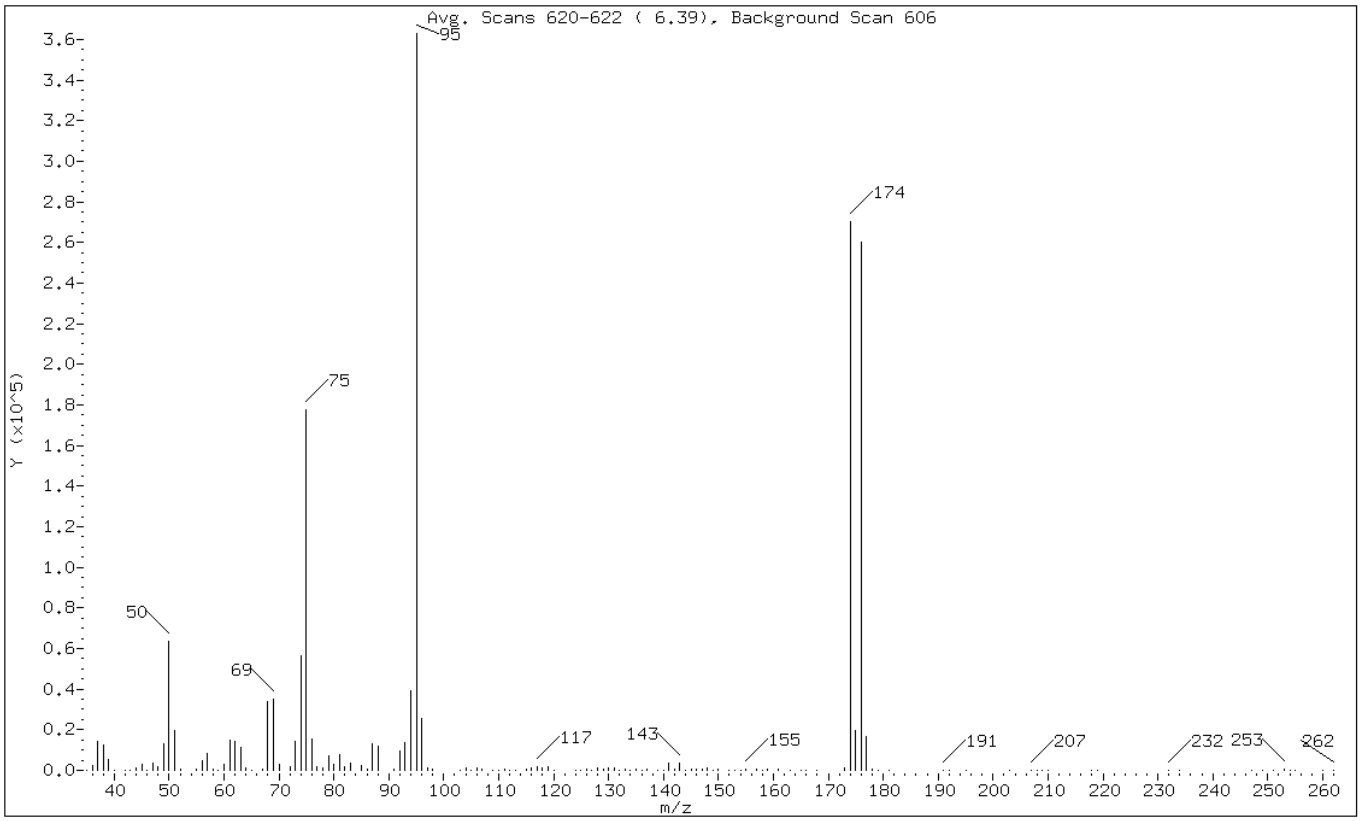
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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		
6.394	6.760	-0.366	95	362880			100.00- 100.00	100.00
6.394	6.760	-0.366	50	63274			8.00- 40.00	17.44
6.394	6.760	-0.366	75	177428			30.00- 66.00	48.89
6.394	6.760	-0.366	96	25599			5.00- 9.00	7.05
6.394	6.760	-0.366	173	1386			0.00- 2.00	0.51
6.394	6.760	-0.366	174	270016			50.00- 120.00	74.41
6.394	6.760	-0.366	175	19546			4.00- 9.00	7.24
6.394	6.760	-0.366	176	260096			93.00- 101.00	96.33
6.394	6.760	-0.366	177	16907			5.00- 9.00	6.50

Data File:	ckn001.d	Date:	12-JAN-2012 15:51
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	17.44
75	30.00 - 66.00% of mass 95	48.89
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	0.38 (0.51)
174	50.00 - 120.00% of mass 95	74.41
175	4.00 - 9.00% of mass 174	5.39 (7.24)
176	93.00 - 101.00% of mass 174	71.68 (96.33)
177	5.00 - 9.00% of mass 176	4.66 (6.50)

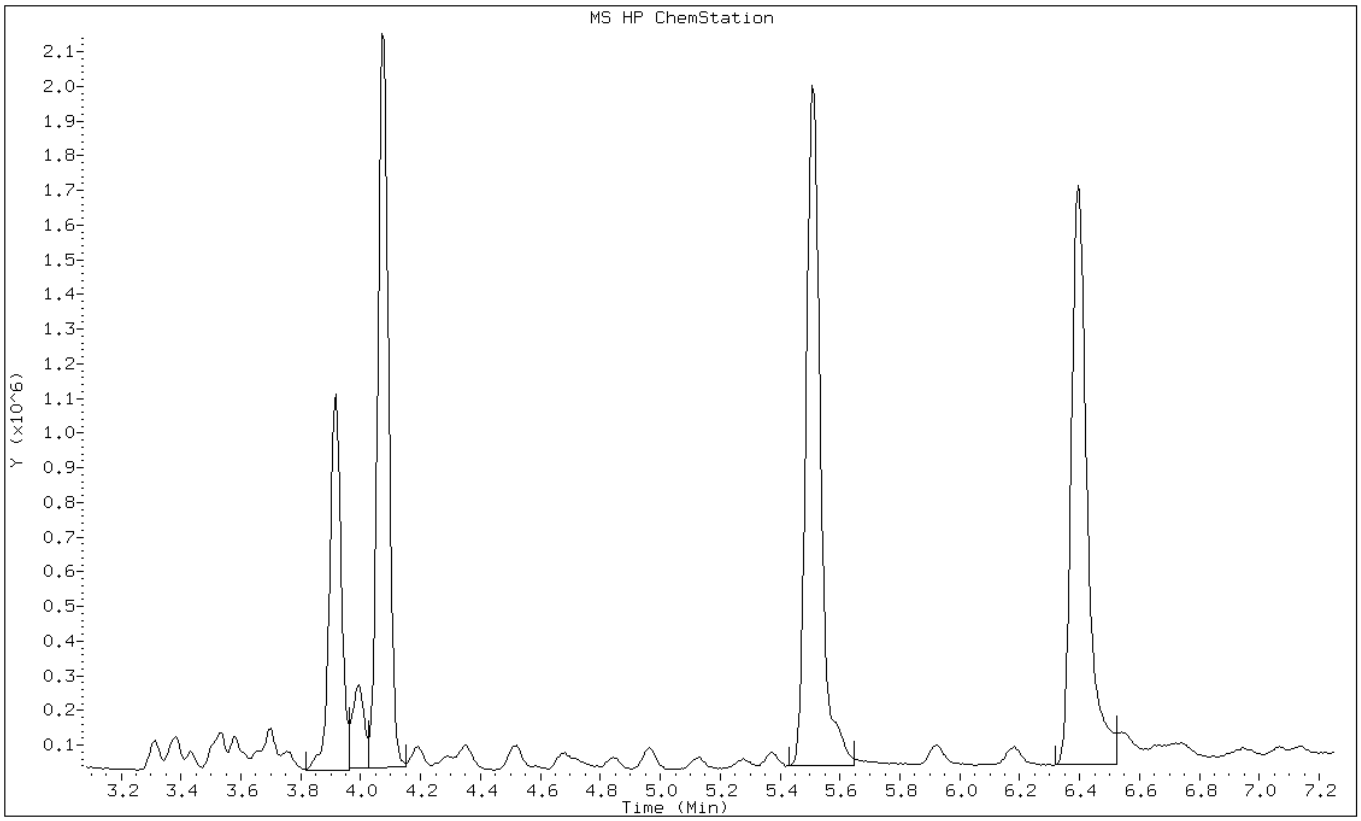
Data File: ckn001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-JAN-2012 15:51
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknto15.b/ckn001.d
Spectrum: Avg. Scans 620-622 (6.39), Background Scan 606
Location of Maximum: 95.00
Number of points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	87	75.00	177408	119.00	1645	161.00	621
36.00	2535	76.00	15421	120.00	3	163.00	15
37.00	14386	77.00	1565	124.00	229	165.00	79
38.00	12366	78.00	1021	125.00	249	166.00	282
39.00	5390	79.00	7383	126.00	344	168.00	214
40.00	151	80.00	2682	127.00	216	173.00	1386
42.00	83	81.00	7597	128.00	1270	174.00	270016
43.00	35	82.00	1895	129.00	554	175.00	19544
44.00	1352	83.00	3822	130.00	1313	176.00	260096
45.00	2744	85.00	2298	131.00	959	177.00	16904
46.00	89	86.00	342	132.00	267	178.00	444
47.00	3846	87.00	13057	133.00	386	179.00	43
48.00	1753	88.00	12040	134.00	107	181.00	68
49.00	12838	91.00	783	135.00	545	191.00	156
50.00	63272	92.00	9348	136.00	257	192.00	100
51.00	19672	93.00	13859	137.00	650	195.00	84
52.00	735	94.00	39200	139.00	91	203.00	137
55.00	766	95.00	362880	140.00	161	207.00	278
56.00	4456	96.00	25592	141.00	3312	208.00	254
57.00	8402	97.00	990	142.00	413	209.00	116
58.00	353	98.00	346	143.00	3481	210.00	71
59.00	66	103.00	93	144.00	86	218.00	90
60.00	3055	104.00	1420	145.00	396	219.00	87
61.00	14895	105.00	292	146.00	552	232.00	72
62.00	14512	106.00	1279	147.00	371	234.00	70
63.00	11135	107.00	417	148.00	954	247.00	165
64.00	1049	109.00	86	149.00	221	249.00	51
65.00	69	110.00	218	150.00	410	251.00	249
67.00	841	111.00	300	152.00	74	253.00	514
68.00	33704	112.00	149	153.00	159	254.00	103
69.00	34984	113.00	261	154.00	145	255.00	34
70.00	2679	115.00	323	155.00	838	260.00	163
72.00	1609	116.00	1182	157.00	621	262.00	15
73.00	13966	117.00	1688	158.00	66		
74.00	56352	118.00	1065	159.00	406		

Data File:	ckn001.d	Date:	12-JAN-2012 15:51
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/cknqto15.b/cknq001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 06-FEB-2012 09:06
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.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

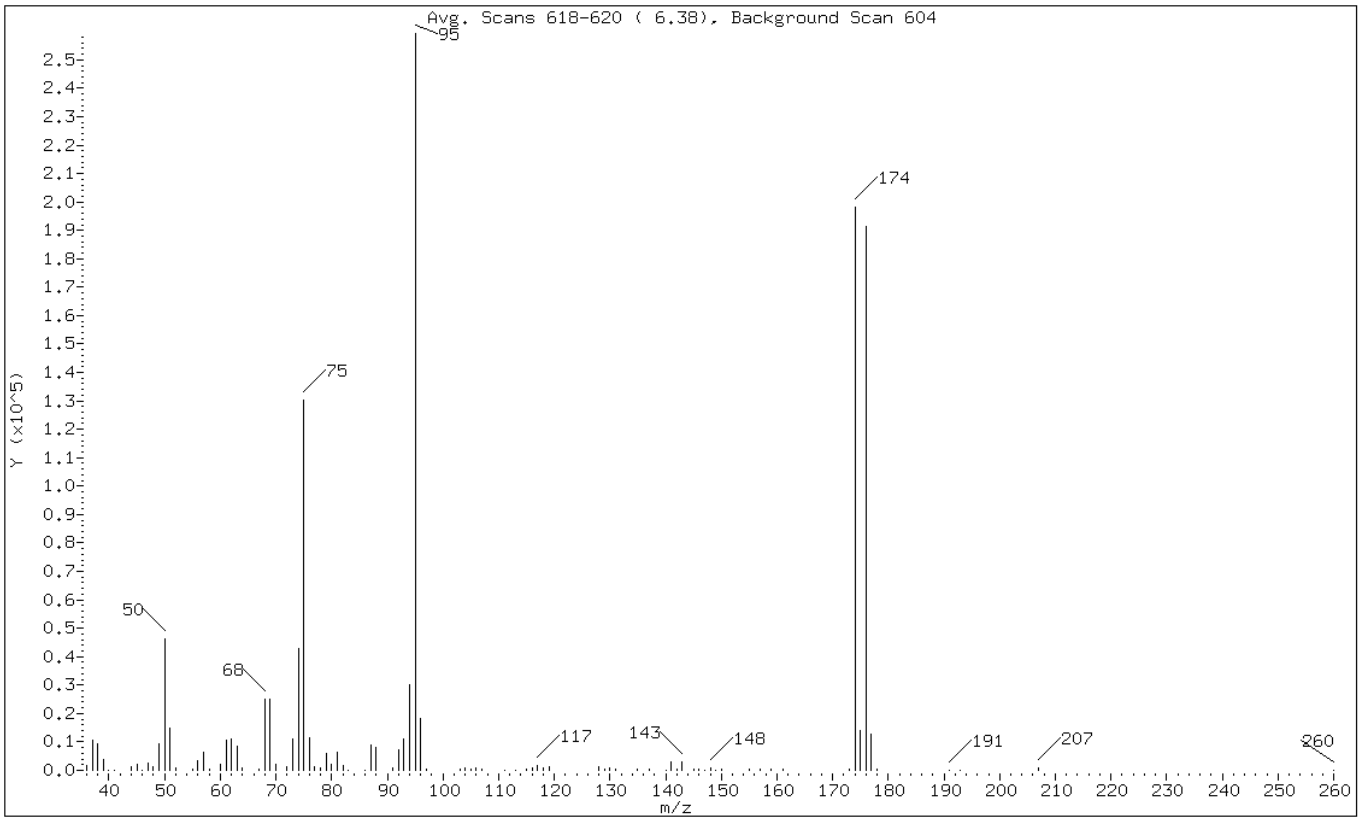
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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		
6.383	6.760	-0.377	95	259306			100.00- 100.00	100.00
6.383	6.760	-0.377	50	46197			8.00- 40.00	17.82
6.383	6.760	-0.377	75	130333			30.00- 66.00	50.26
6.383	6.760	-0.377	96	18245			5.00- 9.00	7.04
6.383	6.760	-0.377	173	328			0.00- 2.00	0.17
6.383	6.760	-0.377	174	198144			50.00- 120.00	76.41
6.383	6.760	-0.377	175	14019			4.00- 9.00	7.08
6.383	6.760	-0.377	176	191317			93.00- 101.00	96.55
6.383	6.760	-0.377	177	12556			5.00- 9.00	6.56

Data File:	cknq001.d	Date:	06-FEB-2012 09:06
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	17.82
75	30.00 - 66.00% of mass 95	50.26
96	5.00 - 9.00% of mass 95	7.04
173	Less than 2.00% of mass 174	0.13 (0.17)
174	50.00 - 120.00% of mass 95	76.41
175	4.00 - 9.00% of mass 174	5.41 (7.08)
176	93.00 - 101.00% of mass 174	73.78 (96.55)
177	5.00 - 9.00% of mass 176	4.84 (6.56)

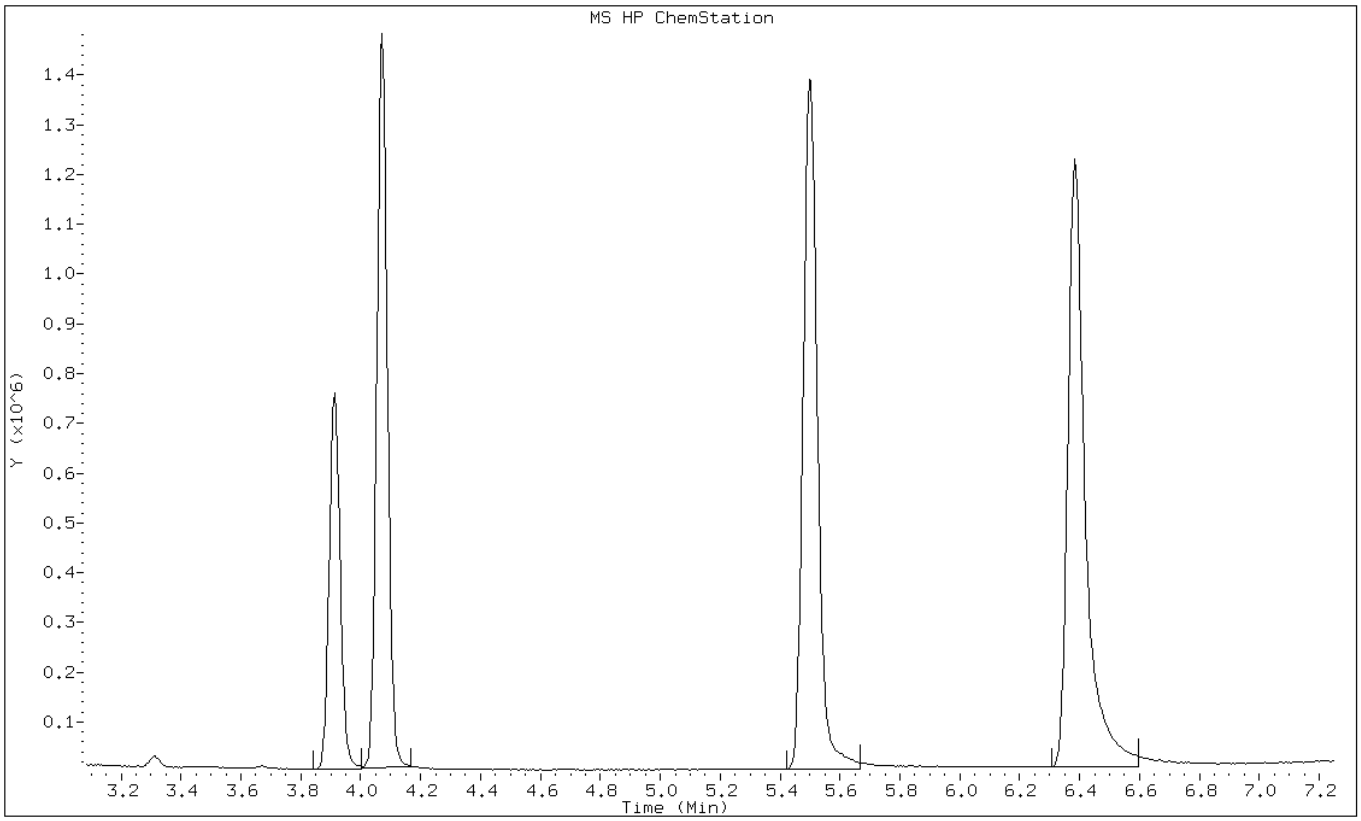
Data File: cknq001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 06-FEB-2012 09:06
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknqto15.b/cknq001.d
Spectrum: Avg. Scans 618-620 (6.38), Background Scan 604
Location of Maximum: 95.00
Number of points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1846	67.00	528	96.00	18240	145.00	288
37.00	10558	68.00	24960	97.00	633	146.00	393
38.00	9351	69.00	24952	103.00	241	147.00	97
39.00	3793	70.00	2047	104.00	982	148.00	719
40.00	142	72.00	1078	105.00	423	149.00	176
41.00	156	73.00	10837	106.00	992	150.00	282
44.00	1404	74.00	42808	107.00	283	155.00	619
45.00	1959	75.00	130328	111.00	211	157.00	491
46.00	70	76.00	11617	113.00	101	159.00	355
47.00	2610	77.00	1386	115.00	362	161.00	411
48.00	1216	78.00	849	116.00	979	173.00	328
49.00	9341	79.00	6076	117.00	1649	174.00	198144
50.00	46192	80.00	2169	118.00	1040	175.00	14019
51.00	14741	81.00	6455	119.00	1305	176.00	191296
52.00	759	82.00	1526	128.00	1075	177.00	12556
55.00	620	83.00	70	129.00	437	178.00	439
56.00	3269	86.00	157	130.00	1024	191.00	106
57.00	6283	87.00	9059	131.00	413	193.00	98
58.00	303	88.00	8221	135.00	508	207.00	992
60.00	1935	91.00	718	137.00	506	260.00	62
61.00	10654	92.00	7323	140.00	137		
62.00	10938	93.00	10883	141.00	2806		
63.00	8458	94.00	29952	142.00	333		
64.00	789	95.00	259264	143.00	2995		

Data File:	cknq001.d	Date:	06-FEB-2012 09:06
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/cknrto15.b/cknr001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 07-FEB-2012 10:29
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.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

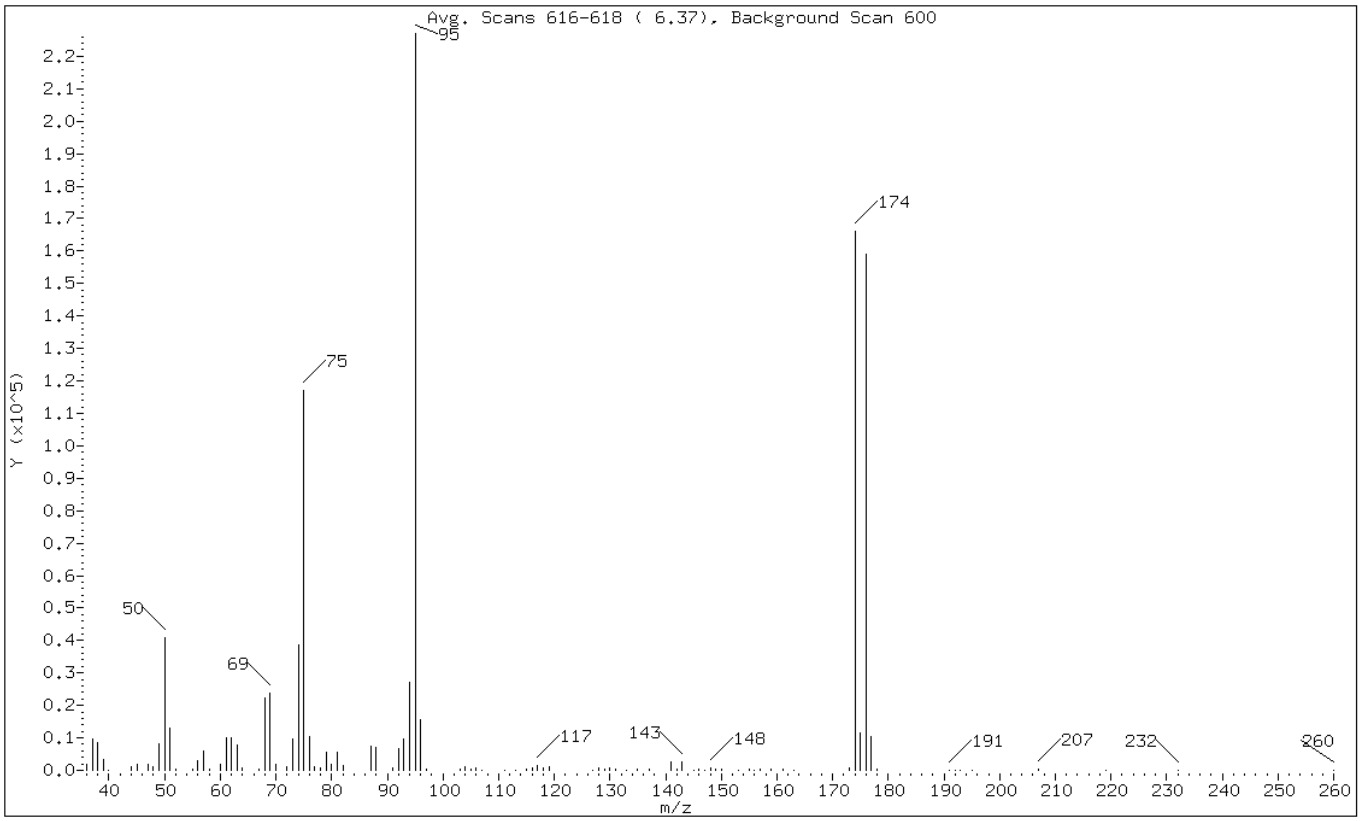
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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		
6.373	6.760	-0.387	95	227050			100.00- 100.00	100.00
6.373	6.760	-0.387	50	40778			8.00- 40.00	17.96
6.373	6.760	-0.387	75	117176			30.00- 66.00	51.61
6.373	6.760	-0.387	96	15488			5.00- 9.00	6.82
6.373	6.760	-0.387	173	577			0.00- 2.00	0.35
6.373	6.760	-0.387	174	165973			50.00- 120.00	73.10
6.373	6.760	-0.387	175	11488			4.00- 9.00	6.92
6.373	6.760	-0.387	176	159146			93.00- 101.00	95.89
6.373	6.760	-0.387	177	10457			5.00- 9.00	6.57

Data File:	cknr001.d	Date:	07-FEB-2012 10:29
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	17.96
75	30.00 - 66.00% of mass 95	51.61
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.25 (0.35)
174	50.00 - 120.00% of mass 95	73.10
175	4.00 - 9.00% of mass 174	5.06 (6.92)
176	93.00 - 101.00% of mass 174	70.09 (95.89)
177	5.00 - 9.00% of mass 176	4.61 (6.57)

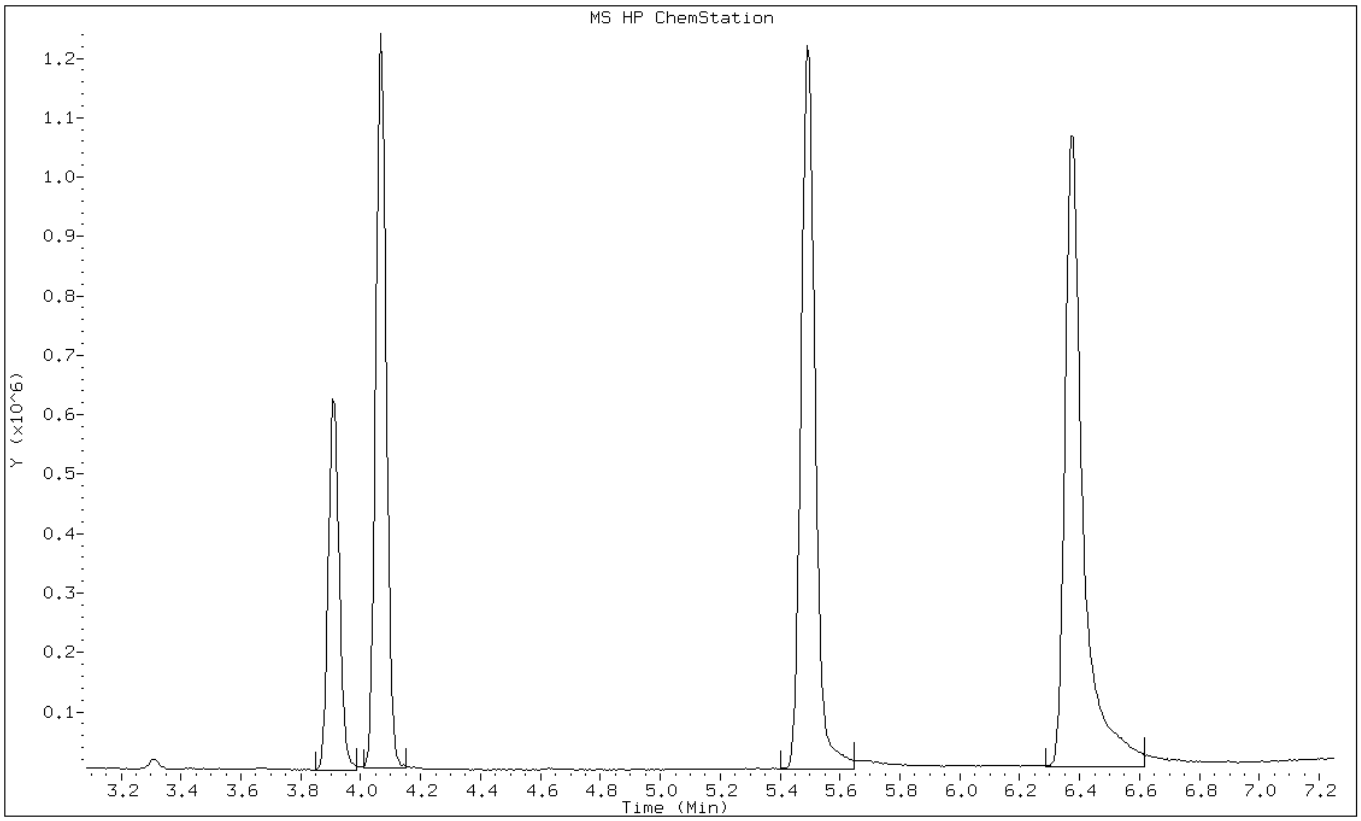
Data File: cknr001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 07-FEB-2012 10:29
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknrto15.b/cknr001.d
Spectrum: Avg. Scans 616-618 (6.37), Background Scan 600
Location of Maximum: 95.00
Number of points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1787	70.00	2007	107.00	87	153.00	70
37.00	9640	72.00	1041	111.00	150	155.00	553
38.00	8443	73.00	9585	113.00	71	156.00	79
39.00	3451	74.00	38528	115.00	297	157.00	519
40.00	120	75.00	117176	116.00	826	159.00	315
44.00	949	76.00	10222	117.00	1316	161.00	324
45.00	1793	77.00	1281	118.00	875	163.00	87
47.00	1966	78.00	675	119.00	1133	173.00	577
48.00	1060	79.00	5440	127.00	69	174.00	165952
49.00	8259	80.00	1964	128.00	913	175.00	11488
50.00	40776	81.00	5632	129.00	377	176.00	159104
51.00	13079	82.00	1495	130.00	837	177.00	10457
52.00	395	87.00	7295	131.00	359	178.00	365
55.00	501	88.00	6920	133.00	174	191.00	89
56.00	3095	91.00	636	135.00	356	192.00	71
57.00	5823	92.00	6703	137.00	448	193.00	49
58.00	297	93.00	9651	141.00	2614	195.00	73
60.00	1719	94.00	27056	142.00	314	207.00	363
61.00	9912	95.00	227008	143.00	2747	219.00	159
62.00	10121	96.00	15488	145.00	173	232.00	4
63.00	7952	97.00	552	146.00	343	260.00	42
64.00	800	103.00	248	147.00	116		
67.00	477	104.00	978	148.00	609		
68.00	22136	105.00	392	149.00	264		
69.00	23784	106.00	900	150.00	289		

Data File:	cknr001.d	Date:	07-FEB-2012 10:29
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.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.279	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.040	U	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.16	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.080	U	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.0562	J	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	0.66	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.15	U	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.69	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.35	U	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33356/5

Matrix: Air Lab File ID: cknq005.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.42	J	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknqto15.b/cknq005.d
Lab Smp Id: mb
Inj Date : 06-FEB-2012 12:35
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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.					

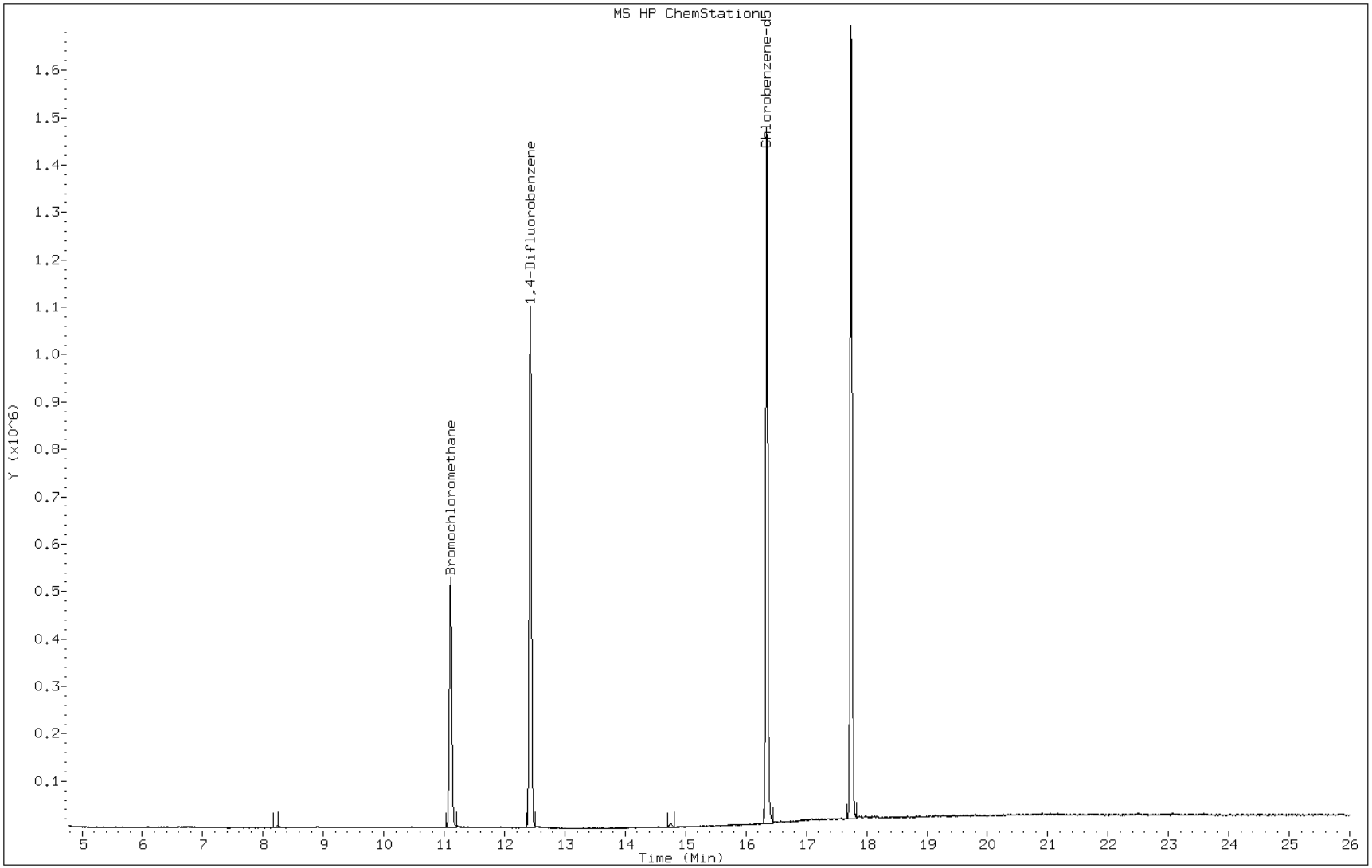
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.243	8.211	(0.742)	9526	0.27940	0.28(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	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	11.109	11.125	(1.000)	209063	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	12.427	12.443	(1.000)	1227710	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	16.345	16.366	(1.000)	1123593	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	22.514	22.535	(1.377)	2479	0.05616	0.056(aQ)
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:	cknq005.d	Date:	06-FEB-2012 12:35
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: cknq005.d

Lab Sample ID: mb

Date: 06-FEB-2012 12:35

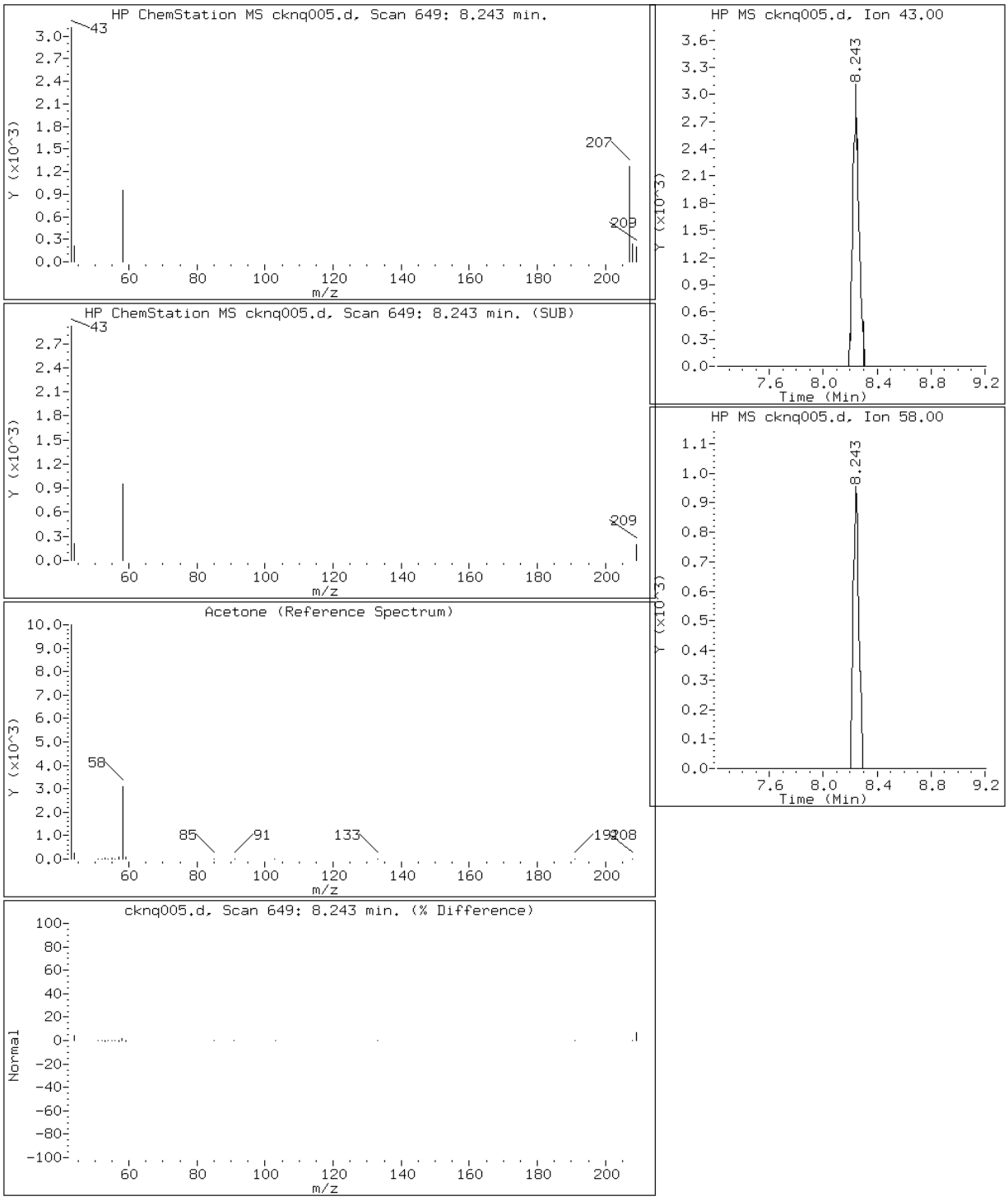
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

20 Acetone



Data File: cknq005.d

Lab Sample ID: mb

Date: 06-FEB-2012 12:35

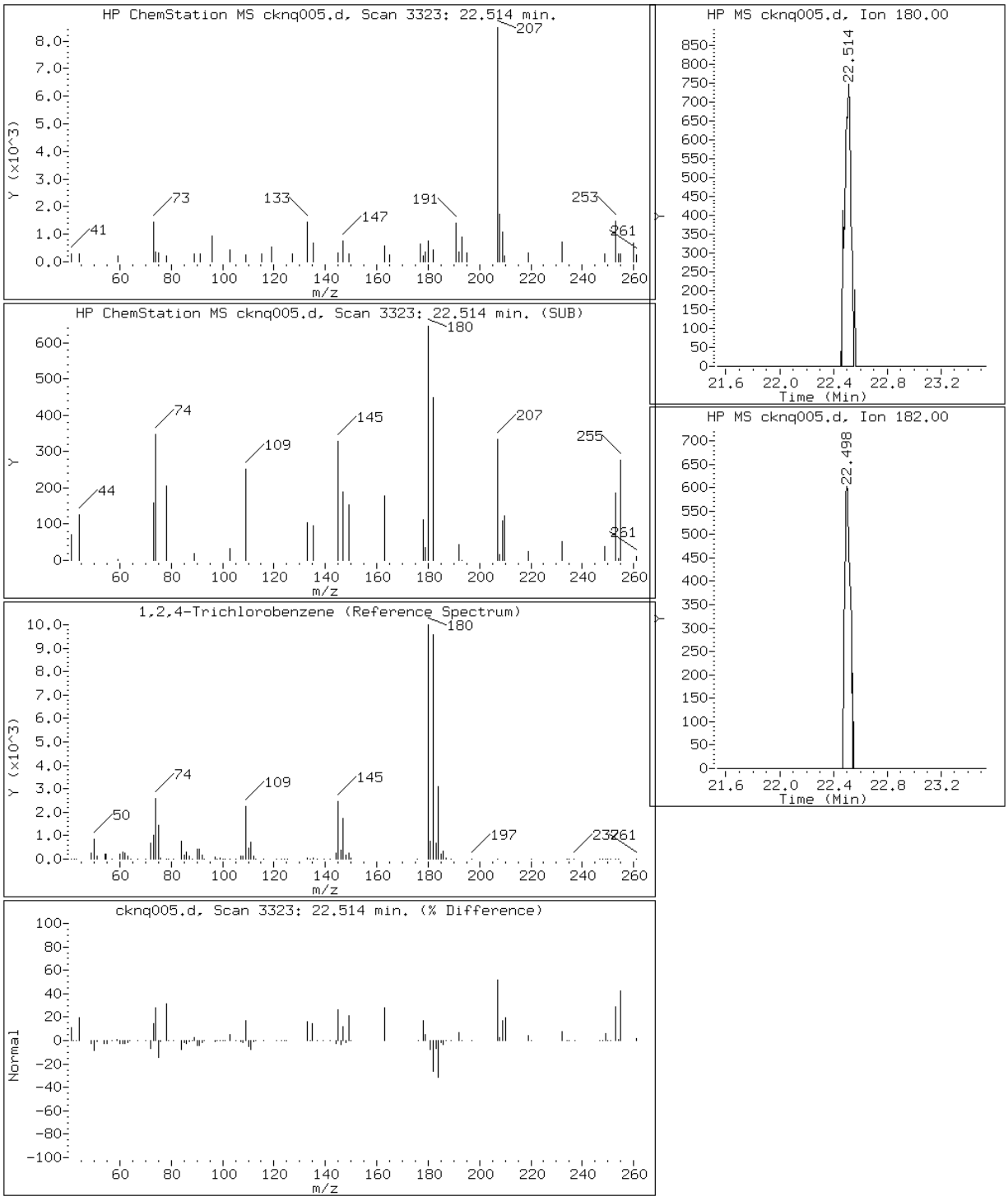
Client ID:

Instrument: C.i

Sample Info: mb

Operator: wrd

94 1,2,4-Trichlorobenzene



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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.13	U	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.040	U	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.16	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.080	U	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	0.31	U	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.15	U	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.69	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.35	U	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33381/4

Matrix: Air Lab File ID: cknr004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknrto15.b/cknr004.d
Lab Smp Id: mb
Inj Date : 07-FEB-2012 13:10
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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.					

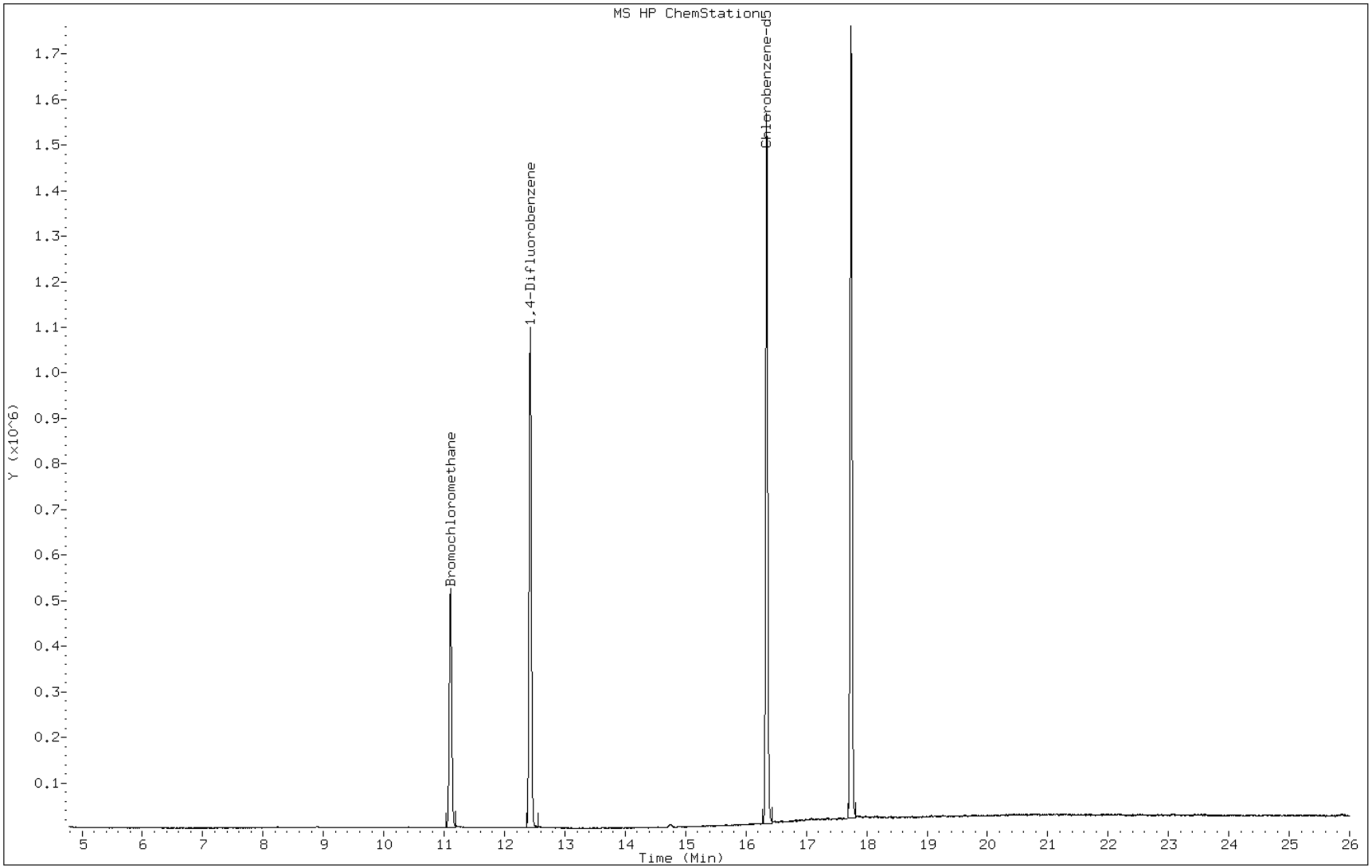
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)	
	15 Ethanol	45	Compound Not Detected.						
	16 Ethyl ether	59	Compound Not Detected.						
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.						
	18 Acrolein	56	Compound Not Detected.						
	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	11.104	11.125	(1.000)	208886	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	12.427	12.443	(1.000)	1243087	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	16.345	16.366	(1.000)	1181213	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:	cknr004.d	Date:	07-FEB-2012 13:10
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.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33356/4

Matrix: Air Lab File ID: cknq004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 11:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	10.9		0.50	0.038
75-45-6	Freon 22	86.47	9.99		0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.2		0.20	0.032
74-87-3	Chloromethane	50.49	9.62		0.50	0.013
106-97-8	n-Butane	58.12	9.16		0.50	0.011
75-01-4	Vinyl chloride	62.50	9.61		0.20	0.029
106-99-0	1,3-Butadiene	54.09	9.72		0.20	0.010
74-83-9	Bromomethane	94.94	9.19		0.20	0.012
75-00-3	Chloroethane	64.52	8.88		0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.75		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	10.8		0.20	0.034
76-13-1	Freon TF	187.38	10.7		0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	10.6		0.20	0.030
67-64-1	Acetone	58.08	10.3		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	10.1		5.0	0.037
75-15-0	Carbon disulfide	76.14	9.70		0.50	0.066
107-05-1	3-Chloropropene	76.53	8.97	M	0.50	0.019
75-09-2	Methylene Chloride	84.93	10.2		0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	10.3		5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	10.7		0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	9.74		0.20	0.032
110-54-3	n-Hexane	86.17	9.44		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	9.99		0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	9.77		0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	9.80		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	19.5		0.20	0.014
67-66-3	Chloroform	119.38	10.5		0.20	0.031
109-99-9	Tetrahydrofuran	72.11	10.4		5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	11.0		0.20	0.035
110-82-7	Cyclohexane	84.16	9.62		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	11.3		0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	9.81		0.20	0.036
71-43-2	Benzene	78.11	9.63		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	10.7		0.20	0.031
142-82-5	n-Heptane	100.21	9.71		0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33356/4

Matrix: Air Lab File ID: cknq004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 11:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	9.97		0.20	0.030
80-62-6	Methyl methacrylate	100.12	10.3		0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	9.61		0.20	0.014
123-91-1	1,4-Dioxane	88.11	9.56		5.0	0.088
75-27-4	Bromodichloromethane	163.83	11.2		0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	10.2		0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	10.9		0.50	0.026
108-88-3	Toluene	92.14	9.37		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	10.4		0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	9.41		0.20	0.019
127-18-4	Tetrachloroethene	165.83	9.15		0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.5		0.50	0.039
124-48-1	Dibromochloromethane	208.29	11.0		0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	9.62		0.20	0.018
108-90-7	Chlorobenzene	112.30	9.40		0.20	0.020
100-41-4	Ethylbenzene	106.17	10.1		0.20	0.022
179601-23-1	m,p-Xylene	106.17	19.4		0.50	0.048
95-47-6	Xylene, o-	106.17	9.76		0.20	0.022
1330-20-7	Xylene (total)	106.17	29.2		0.20	0.022
100-42-5	Styrene	104.15	9.94		0.20	0.030
75-25-2	Bromoform	252.75	10.7		0.20	0.019
98-82-8	Cumene	120.19	10.5		0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.68		0.20	0.040
103-65-1	n-Propylbenzene	120.19	10.6		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	10.9		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	10.6		0.20	0.051
95-49-8	2-Chlorotoluene	126.59	10.7		0.20	0.047
98-06-6	tert-Butylbenzene	134.22	10.8		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	10.6		0.20	0.052
135-98-8	sec-Butylbenzene	134.22	10.8		0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	10.9		0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	9.69		0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	9.57		0.20	0.044
100-44-7	Benzyl chloride	126.58	11.2		0.20	0.046
104-51-8	n-Butylbenzene	134.22	11.3		0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33356/4

Matrix: Air Lab File ID: cknq004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/06/2012 11:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33356 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	9.50		0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	9.26		0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	9.25		0.20	0.065
91-20-3	Naphthalene	128.17	9.83		0.50	0.086

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknqto15.b/cknq004.d
Lab Smp Id: lcs 283785
Inj Date : 06-FEB-2012 11:45
Operator : wrd Inst ID: C.i
Smp Info : lcs 283785
Misc Info : 200,1, lcs
Comment :
Method : /chem/C.i/Csvr.p/cknqto15.b/to15v5.m
Meth Date : 08-Feb-2012 11:47 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.983	4.977	(0.448)	197800	9.93909	9.9
2	Dichlorodifluoromethane	85	5.057	5.057	(0.455)	831607	10.9477	11
3	Chlorodifluoromethane	51	5.105	5.100	(0.460)	407161	9.98899	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.482)	821382	10.1944	10
5	Chloromethane	50	5.516	5.516	(0.497)	221467	9.61969	9.6
6	Butane	43	5.730	5.730	(0.516)	420252	9.16483	9.2
7	Vinyl chloride	62	5.772	5.767	(0.520)	269288	9.61137	9.6
8	1,3-Butadiene	54	5.842	5.847	(0.526)	212040	9.71620	9.7
9	Bromomethane	94	6.504	6.509	(0.585)	232957	9.19233	9.2
10	Chloroethane	64	6.706	6.712	(0.604)	135827	8.87709	8.9
11	2-Methylbutane	43	6.776	6.781	(0.610)	313831	8.71942	8.7
12	Vinyl bromide	106	7.059	7.064	(0.635)	247521	9.74954	9.7
13	Trichlorofluoromethane	101	7.144	7.149	(0.643)	828605	10.7689	11
14	Pentane	43	7.256	7.256	(0.653)	463922	8.92080	8.9

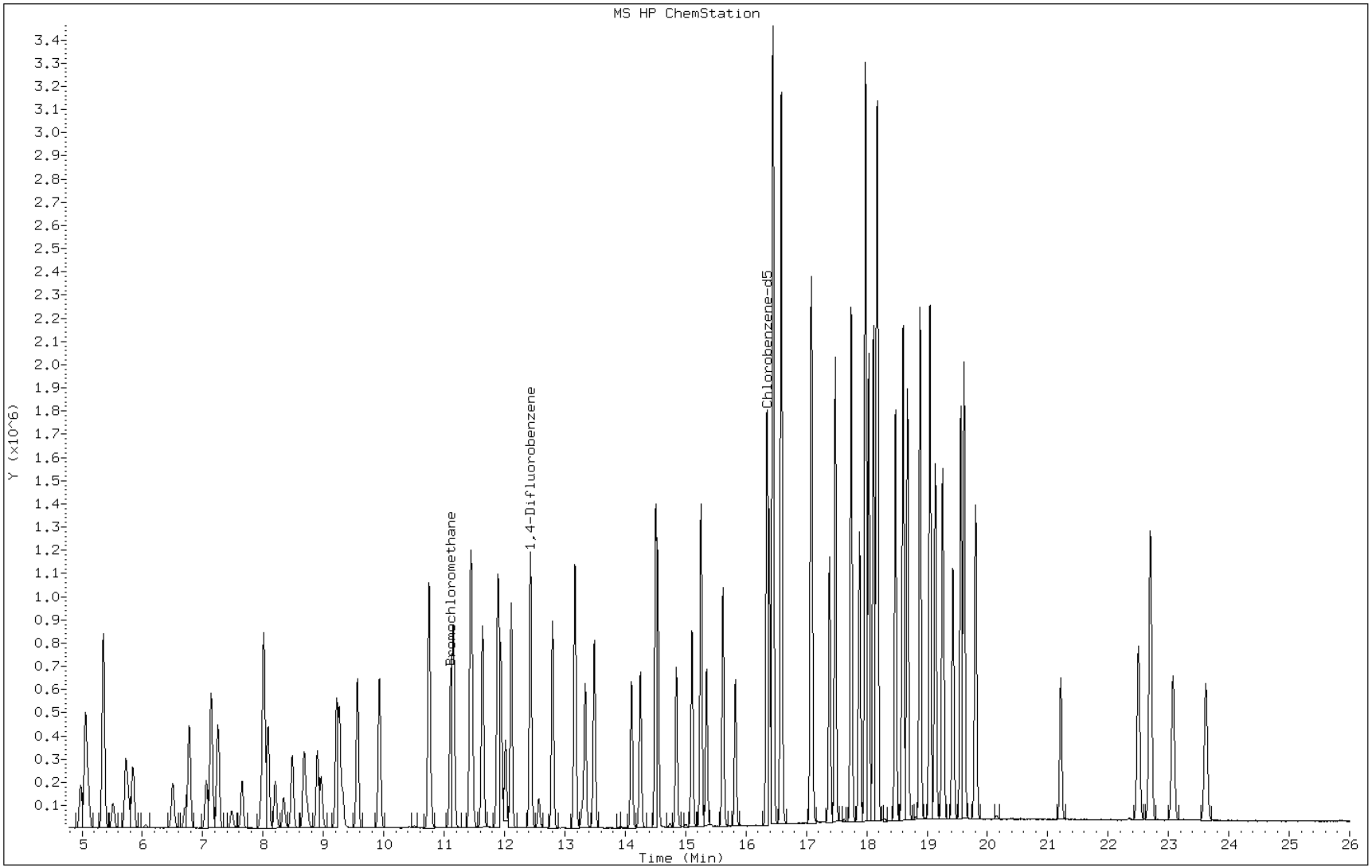
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.480	7.485	(0.673)	139585	15.1088	15
	16 Ethyl ether	59	7.656	7.656	(0.689)	187089	9.55089	9.6
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.009	8.014	(0.721)	574834	10.7167	11
	18 Acrolein	56	7.966	7.976	(0.717)	75651	8.23504	8.2
	19 1,1-Dichloroethene	96	8.083	8.088	(0.728)	268952	10.6207	11
	20 Acetone	43	8.201	8.211	(0.738)	396792	10.3333	10
	21 Carbon disulfide	76	8.484	8.494	(0.764)	739522	9.70183	9.7
	22 Isopropanol	45	8.339	8.350	(0.751)	265256	10.0660	10
	23 Allyl chloride	41	8.681	8.692	(0.781)	337292	8.97245	9.0(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	181818	11.4081	11(QM)
	25 Methylene chloride	49	8.900	8.910	(0.801)	294827	10.2156	10
	26 Tert-butyl alcohol	59	8.959	8.969	(0.806)	403384	10.3013	10
	27 Methyl tert-butyl ether	73	9.220	9.231	(0.830)	858315	10.6578	11
	28 1,2-Dichloroethene (trans)	61	9.268	9.279	(0.834)	395882	9.74162	9.7
	29 Acrylonitrile	53	9.321	9.337	(0.839)	180856	9.93673	9.9
	30 n-Hexane	57	9.562	9.572	(0.861)	442209	9.43689	9.4
	31 1,1-Dichloroethane	63	9.935	9.951	(0.894)	510578	9.98546	10
	32 Vinyl acetate	43	9.919	9.935	(0.893)	685461	10.2798	10
M	33 1,2-Dichloroethene,Total	61				690731	19.5445	20
	34 1,2-Dichloroethene (cis)	96	10.762	10.773	(0.969)	294849	9.80288	9.8
	35 Ethyl acetate	88	10.746	10.762	(0.967)	26015	9.94819	9.9
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.967)	137526	9.77282	9.8
*	37 Bromochloromethane	128	11.109	11.125	(1.000)	235456	10.0000	
	38 Tetrahydrofuran	42	11.141	11.152	(0.896)	304616	10.3624	10
	39 Chloroform	83	11.157	11.173	(1.004)	645222	10.4611	10
	40 Cyclohexane	84	11.456	11.477	(0.922)	419138	9.62239	9.6
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	748864	11.0387	11
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	780032	11.2882	11
	43 2,2,4-Trimethylpentane	57	11.888	11.904	(0.957)	1454051	9.80756	9.8
	44 Benzene	78	11.942	11.958	(0.961)	910039	9.63113	9.6
	45 1,2-Dichloroethane	62	12.017	12.032	(0.967)	434756	10.6878	11
	46 n-Heptane	43	12.113	12.129	(0.975)	533705	9.70783	9.7
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1325829	10.0000	
	48 n-Butanol	56	12.566	12.582	(1.011)	109447	9.72925	9.7
	49 Trichloroethene	95	12.796	12.812	(1.030)	421829	9.96551	10
	50 1,2-Dichloropropane	63	13.164	13.180	(1.059)	310569	9.60874	9.6
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	309709	10.3208	10
	52 Dibromomethane	174	13.340	13.356	(1.073)	327551	9.92399	9.9
	53 1,4-Dioxane	88	13.287	13.303	(1.069)	106419	9.55756	9.6
	54 Bromodichloromethane	83	13.490	13.505	(1.085)	747291	11.1951	11
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	510711	10.2255	10
	56 Methyl isobutyl ketone	43	14.253	14.269	(1.147)	621571	10.9445	11
	57 n-Octane	43	14.498	14.514	(1.167)	746054	9.95109	10
	58 Toluene	92	14.536	14.557	(0.889)	670812	9.37081	9.4
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	539509	10.4457	10
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	303779	9.40631	9.4
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	534732	9.14597	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	15.347	15.363	(0.939)	596255	10.4563	10
	63 Dibromochloromethane	129	15.619	15.635	(0.956)	741480	10.9644	11
	64 1,2-Dibromoethane	107	15.822	15.838	(0.968)	579201	9.61769	9.6
*	65 Chlorobenzene-d5	117	16.345	16.366	(1.000)	1289338	10.0000	
	66 Chlorobenzene	112	16.382	16.403	(1.002)	893732	9.40348	9.4
	67 n-Nonane	57	16.446	16.462	(1.006)	698004	9.87885	9.9
	68 Ethylbenzene	91	16.446	16.462	(1.006)	1593975	10.0587	10
	69 Xylene (m,p)	106	16.585	16.601	(1.015)	1209461	19.4167	19
M	70 Xylenes, Total	106				1789315	29.1754	29
	71 Xylene (o)	106	17.076	17.092	(1.045)	579854	9.75877	9.8
	72 Styrene	104	17.092	17.113	(1.046)	918838	9.93928	9.9
	73 Bromoform	173	17.385	17.401	(1.064)	705595	10.7139	11
	74 Isopropylbenzene	105	17.482	17.497	(1.070)	1812159	10.5173	11
	75 1,1,2,2-Tetrachloroethane	83	17.876	17.898	(1.094)	822413	9.68346	9.7
	76 n-Propylbenzene	91	17.978	17.994	(1.100)	2218027	10.6126	11
	77 1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	711398	10.4010	10
	78 n-Decane	57	18.031	18.047	(1.103)	873381	10.4444	10
	79 4-Ethyltoluene	105	18.111	18.127	(1.108)	1932512	10.8854	11
	80 2-Chlorotoluene	91	18.165	18.181	(1.111)	1665979	10.7255	11
	81 1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1610778	10.5595	11
	82 Alpha Methyl Styrene	118	18.480	18.495	(1.131)	771298	10.8192	11
	83 tert-butylbenzene	119	18.602	18.618	(1.138)	1518517	10.8002	11
	84 1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1552642	10.5801	11
	85 sec-Butylbenzene	105	18.885	18.901	(1.155)	2242025	10.8390	11
	86 4-Isopropyltoluene	119	19.051	19.066	(1.166)	1917903	10.9210	11
	87 1,3-Dichlorobenzene	146	19.141	19.157	(1.171)	970779	9.68610	9.7
	88 1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	953735	9.57224	9.6
	89 Benzyl chloride	91	19.424	19.445	(1.188)	1261448	11.1560	11
	90 Undecane	57	19.558	19.573	(1.197)	863601	10.6415	11
	91 n-Butylbenzene	91	19.611	19.632	(1.200)	1710008	11.3072	11
	92 1,2-Dichlorobenzene	146	19.808	19.830	(1.212)	900336	9.49813	9.5
	93 Dodecane	57	21.217	21.239	(1.298)	341246	8.00899	8.0
	94 1,2,4-Trichlorobenzene	180	22.498	22.535	(1.376)	469294	9.26466	9.3
	95 1,3-Hexachlorobutadiene	225	22.701	22.733	(1.389)	460264	9.24890	9.2
	96 Naphthalene	128	23.075	23.107	(1.412)	1111073	9.83252	9.8
	97 1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	402544	9.36765	9.4

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cknq004.d	Date:	06-FEB-2012 11:45
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 283785		
Lab Sample ID:	lcs 283785		



Manual Integration Report

Data File: cknq004.d
Lab Sample ID: lcs 283785
Inj. Date and Time: 06-FEB-2012 11:45
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

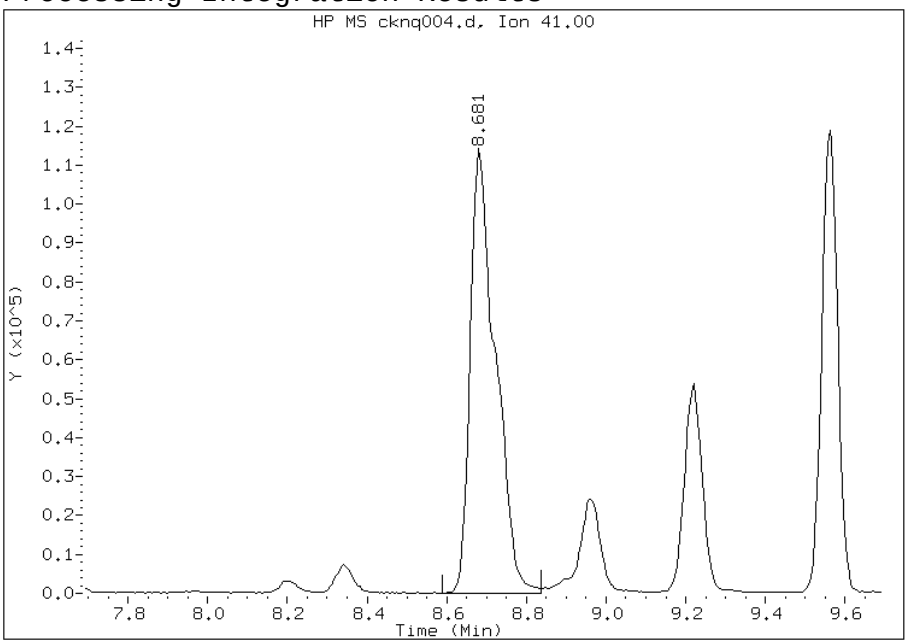
Processing Integration Results

RT: 8.68

Response: 501512

Amount: 13.34

Conc: 13.34



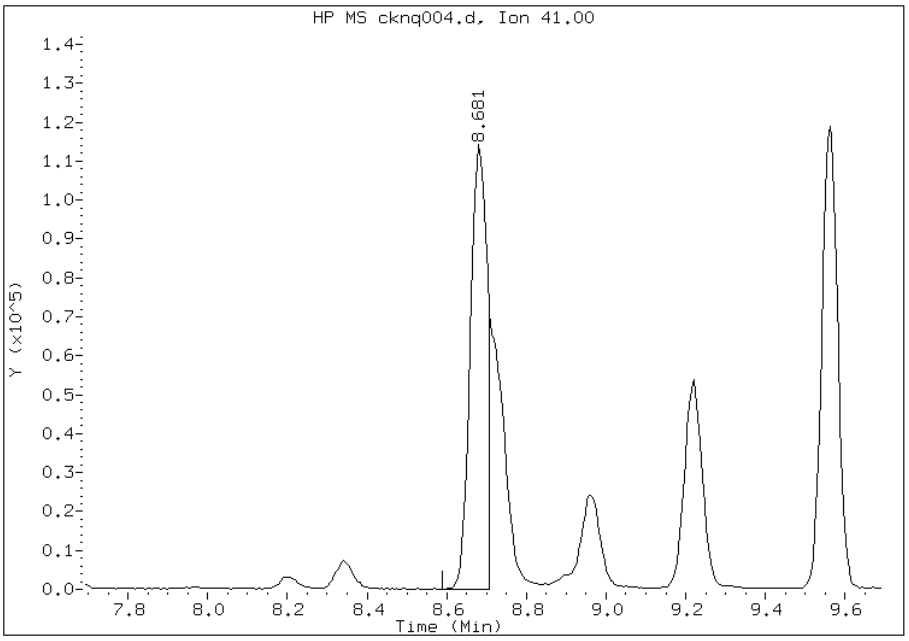
Manual Integration Results

RT: 8.68

Response: 337292

Amount: 8.97

Conc: 8.97



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.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33381/3

Matrix: Air Lab File ID: cknr003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 12:21

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	11.4		0.50	0.038
75-45-6	Freon 22	86.47	10.3		0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.3		0.20	0.032
74-87-3	Chloromethane	50.49	9.78		0.50	0.013
106-97-8	n-Butane	58.12	9.34		0.50	0.011
75-01-4	Vinyl chloride	62.50	9.63		0.20	0.029
106-99-0	1,3-Butadiene	54.09	9.93		0.20	0.010
74-83-9	Bromomethane	94.94	9.32		0.20	0.012
75-00-3	Chloroethane	64.52	9.10		0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.91		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	11.4		0.20	0.034
76-13-1	Freon TF	187.38	11.4		0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	11.2		0.20	0.030
67-64-1	Acetone	58.08	10.4		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	10.8		5.0	0.037
75-15-0	Carbon disulfide	76.14	10.1		0.50	0.066
107-05-1	3-Chloropropene	76.53	9.88	M	0.50	0.019
75-09-2	Methylene Chloride	84.93	10.9		0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	10.9		5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	10.7		0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	10.5		0.20	0.032
110-54-3	n-Hexane	86.17	10.0		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	10.5		0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	9.58		0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	10.2		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	20.7		0.20	0.014
67-66-3	Chloroform	119.38	11.0		0.20	0.031
109-99-9	Tetrahydrofuran	72.11	9.90		5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	11.5		0.20	0.035
110-82-7	Cyclohexane	84.16	9.94		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	11.8		0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	10.0		0.20	0.036
71-43-2	Benzene	78.11	9.78		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	11.3		0.20	0.031
142-82-5	n-Heptane	100.21	10.0		0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33381/3

Matrix: Air Lab File ID: cknr003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 12:21

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	10.5		0.20	0.030
80-62-6	Methyl methacrylate	100.12	10.0		0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	9.70		0.20	0.014
123-91-1	1,4-Dioxane	88.11	9.91		5.0	0.088
75-27-4	Bromodichloromethane	163.83	11.5		0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	10.2		0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	10.7		0.50	0.026
108-88-3	Toluene	92.14	9.60		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	10.3		0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	9.59		0.20	0.019
127-18-4	Tetrachloroethene	165.83	9.56		0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.4		0.50	0.039
124-48-1	Dibromochloromethane	208.29	11.4		0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.018
108-90-7	Chlorobenzene	112.30	9.62		0.20	0.020
100-41-4	Ethylbenzene	106.17	10.2		0.20	0.022
179601-23-1	m,p-Xylene	106.17	19.5		0.50	0.048
95-47-6	Xylene, o-	106.17	9.89		0.20	0.022
1330-20-7	Xylene (total)	106.17	29.4		0.20	0.022
100-42-5	Styrene	104.15	10.0		0.20	0.030
75-25-2	Bromoform	252.75	11.1		0.20	0.019
98-82-8	Cumene	120.19	10.7		0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.86		0.20	0.040
103-65-1	n-Propylbenzene	120.19	10.8		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	11.0		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	10.8		0.20	0.051
95-49-8	2-Chlorotoluene	126.59	10.9		0.20	0.047
98-06-6	tert-Butylbenzene	134.22	11.0		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	10.7		0.20	0.052
135-98-8	sec-Butylbenzene	134.22	11.0		0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	11.0		0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	9.83		0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	9.75		0.20	0.044
100-44-7	Benzyl chloride	126.58	11.2		0.20	0.046
104-51-8	n-Butylbenzene	134.22	11.4		0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33381/3

Matrix: Air Lab File ID: cknr003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/07/2012 12:21

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33381 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	9.63		0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	9.47		0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	9.46		0.20	0.065
91-20-3	Naphthalene	128.17	10.0		0.50	0.086

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknrto15.b/cknr003.d
Lab Smp Id: lcs 283785
Inj Date : 07-FEB-2012 12:21
Operator : wrd Inst ID: C.i
Smp Info : lcs 283785
Misc Info : 200,1, lcs
Comment :
Method : /chem/C.i/Csvr.p/cknrto15.b/to15v5.m
Meth Date : 08-Feb-2012 20:34 ahk Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.977	4.977	(0.448)	185483	10.0118	10
2	Dichlorodifluoromethane	85	5.057	5.057	(0.455)	803926	11.3687	11
3	Chlorodifluoromethane	51	5.100	5.100	(0.459)	392462	10.3429	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.482)	773771	10.3162	10
5	Chloromethane	50	5.516	5.516	(0.497)	209645	9.78191	9.8
6	Butane	43	5.724	5.730	(0.516)	398780	9.34189	9.3
7	Vinyl chloride	62	5.767	5.767	(0.519)	251147	9.62905	9.6
8	1,3-Butadiene	54	5.842	5.847	(0.526)	201811	9.93369	9.9
9	Bromomethane	94	6.504	6.509	(0.586)	219948	9.32303	9.3
10	Chloroethane	64	6.701	6.712	(0.603)	129677	9.10405	9.1
11	2-Methylbutane	43	6.770	6.781	(0.610)	295402	8.81642	8.8
12	Vinyl bromide	106	7.059	7.064	(0.636)	234306	9.91386	9.9
13	Trichlorofluoromethane	101	7.139	7.149	(0.643)	814477	11.3708	11
14	Pentane	43	7.251	7.256	(0.653)	456001	9.41915	9.4

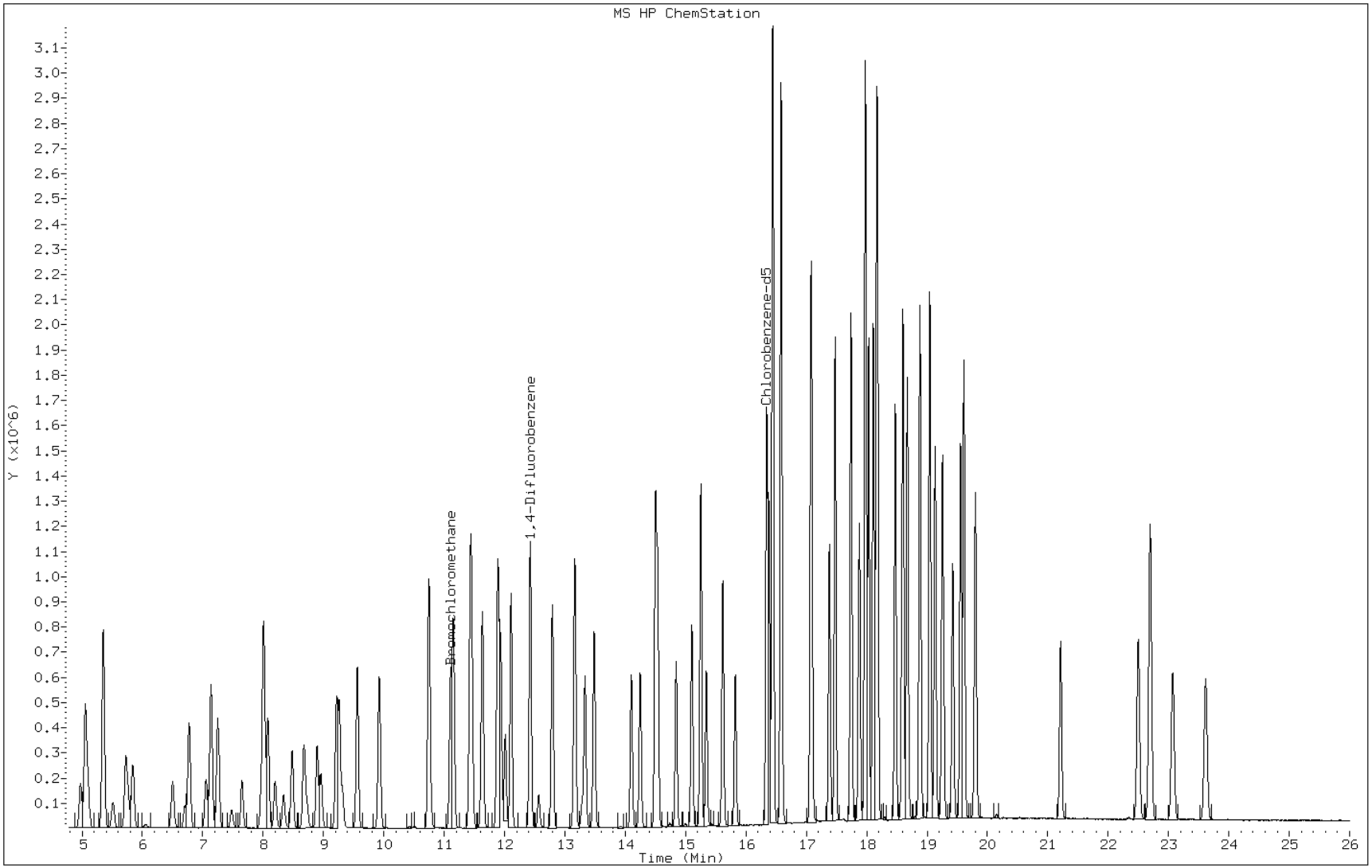
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.480	7.485	(0.674)	133923	15.5716	16
	16 Ethyl ether	59	7.651	7.656	(0.689)	175055	9.59969	9.6
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	567776	11.3706	11
	18 Acrolein	56	7.961	7.976	(0.717)	70780	8.27654	8.3
	19 1,1-Dichloroethene	96	8.078	8.088	(0.727)	264895	11.2367	11
	20 Acetone	43	8.201	8.211	(0.739)	372810	10.4292	10
	21 Carbon disulfide	76	8.484	8.494	(0.764)	716138	10.0922	10
	22 Isopropanol	45	8.340	8.350	(0.751)	265309	10.8151	11
	23 Allyl chloride	41	8.676	8.692	(0.781)	345663	9.87745	9.9(M)
	24 Acetonitrile	41	8.708	8.692	(0.784)	160662	10.8287	11(QM)
	25 Methylene chloride	49	8.895	8.910	(0.801)	292765	10.8968	11
	26 Tert-butyl alcohol	59	8.959	8.969	(0.807)	398528	10.9324	11
	27 Methyl tert-butyl ether	73	9.220	9.231	(0.830)	804874	10.7358	11
	28 1,2-Dichloroethene (trans)	61	9.263	9.279	(0.834)	396906	10.4916	10
	29 Acrylonitrile	53	9.316	9.337	(0.839)	169603	10.0099	10
	30 n-Hexane	57	9.562	9.572	(0.861)	436082	9.99670	10
	31 1,1-Dichloroethane	63	9.935	9.951	(0.895)	497674	10.4553	10
	32 Vinyl acetate	43	9.919	9.935	(0.893)	624517	10.0608	10
M	33 1,2-Dichloroethene,Total	61				682967	20.7080	21
	34 1,2-Dichloroethene (cis)	96	10.757	10.773	(0.969)	286061	10.2164	10
	35 Ethyl acetate	88	10.746	10.762	(0.968)	23485	9.64712	9.6
	36 Methyl Ethyl Ketone	72	10.746	10.762	(0.968)	125519	9.58146	9.6
*	37 Bromochloromethane	128	11.104	11.125	(1.000)	219191	10.0000	
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	277341	9.89614	9.9
	39 Chloroform	83	11.157	11.173	(1.005)	629005	10.9550	11
	40 Cyclohexane	84	11.456	11.477	(0.922)	412670	9.93738	9.9
	41 1,1,1-Trichloroethane	97	11.435	11.451	(0.920)	744506	11.5113	12
	42 Carbon tetrachloride	117	11.632	11.648	(0.936)	776954	11.7937	12
	43 2,2,4-Trimethylpentane	57	11.889	11.904	(0.957)	1419663	10.0441	10
	44 Benzene	78	11.937	11.958	(0.960)	881064	9.78065	9.8
	45 1,2-Dichloroethane	62	12.011	12.032	(0.966)	437210	11.2740	11
	46 n-Heptane	43	12.107	12.129	(0.974)	526654	10.0482	10
*	47 1,4-Difluorobenzene	114	12.428	12.443	(1.000)	1263993	10.0000	
	48 n-Butanol	56	12.566	12.582	(1.011)	106327	9.91430	9.9
	49 Trichloroethene	95	12.796	12.812	(1.030)	425571	10.5458	11
	50 1,2-Dichloropropane	63	13.159	13.180	(1.059)	298934	9.70122	9.7
	51 Methyl methacrylate	69	13.169	13.191	(1.060)	286646	10.0195	10
	52 Dibromomethane	174	13.335	13.356	(1.073)	315202	10.0170	10
	53 1,4-Dioxane	88	13.287	13.303	(1.069)	105190	9.90935	9.9
	54 Bromodichloromethane	83	13.484	13.505	(1.085)	733754	11.5300	12
	55 1,3-Dichloropropene (cis)	75	14.103	14.125	(1.135)	486894	10.2255	10
	56 Methyl isobutyl ketone	43	14.247	14.269	(1.146)	578264	10.6801	11
	57 n-Octane	43	14.498	14.514	(1.167)	719536	10.0669	10
	58 Toluene	92	14.536	14.557	(0.889)	632044	9.60247	9.6
	59 1,3-Dichloropropene (trans)	75	14.845	14.866	(1.195)	508958	10.3362	10
	60 1,1,2-Trichloroethane	83	15.101	15.123	(0.924)	284691	9.58726	9.6
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	514132	9.56373	9.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	62 2-Hexanone	43	15.342	15.363	(0.939)	547726	10.4465	10
	63 Dibromochloromethane	129	15.619	15.635	(0.956)	706941	11.3692	11
	64 1,2-Dibromoethane	107	15.822	15.838	(0.968)	553708	9.99957	10
*	65 Chlorobenzene-d5	117	16.345	16.366	(1.000)	1185517	10.0000	
	66 Chlorobenzene	112	16.382	16.403	(1.002)	840255	9.61505	9.6
	67 n-Nonane	57	16.446	16.462	(1.006)	661909	10.1884	10
	68 Ethylbenzene	91	16.441	16.462	(1.006)	1481141	10.1652	10
	69 Xylene (m,p)	106	16.580	16.601	(1.014)	1115075	19.4691	19
M	70 Xylenes, Total	106				1655330	29.3577	29
	71 Xylene (o)	106	17.071	17.092	(1.044)	540255	9.88858	9.9
	72 Styrene	104	17.092	17.113	(1.046)	854082	10.0479	10
	73 Bromoform	173	17.380	17.401	(1.063)	673615	11.1240	11
	74 Isopropylbenzene	105	17.476	17.497	(1.069)	1700960	10.7364	11
	75 1,1,2,2-Tetrachloroethane	83	17.877	17.898	(1.094)	770321	9.86442	9.9
	76 n-Propylbenzene	91	17.978	17.994	(1.100)	2067915	10.7608	11
	77 1,2,3-Trichloropropane	75	17.978	17.994	(1.100)	663937	10.5572	11
	78 n-Decane	57	18.031	18.047	(1.103)	827580	10.7633	11
	79 4-Ethyltoluene	105	18.106	18.127	(1.108)	1800104	11.0275	11
	80 2-Chlorotoluene	91	18.159	18.181	(1.111)	1561121	10.9305	11
	81 1,3,5-Trimethylbenzene	105	18.181	18.197	(1.112)	1513564	10.7911	11
	82 Alpha Methyl Styrene	118	18.474	18.495	(1.130)	710708	10.8423	11
	83 tert-butylbenzene	119	18.597	18.618	(1.138)	1423599	11.0119	11
	84 1,2,4-Trimethylbenzene	105	18.672	18.693	(1.142)	1447823	10.7298	11
	85 sec-Butylbenzene	105	18.880	18.901	(1.155)	2083642	10.9555	11
	86 4-Isopropyltoluene	119	19.045	19.066	(1.165)	1778158	11.0120	11
	87 1,3-Dichlorobenzene	146	19.136	19.157	(1.171)	905881	9.83012	9.8
	88 1,4-Dichlorobenzene	146	19.259	19.280	(1.178)	892904	9.74652	9.7
	89 Benzyl chloride	91	19.424	19.445	(1.188)	1162138	11.1778	11
	90 Undecane	57	19.552	19.573	(1.196)	732986	9.82300	9.8
	91 n-Butylbenzene	91	19.611	19.632	(1.200)	1578883	11.3545	11
	92 1,2-Dichlorobenzene	146	19.803	19.830	(1.212)	839084	9.62715	9.6
	93 Dodecane	57	21.212	21.239	(1.298)	394784	10.0769	10
	94 1,2,4-Trichlorobenzene	180	22.498	22.535	(1.376)	441217	9.47318	9.5
	95 1,3-Hexachlorobutadiene	225	22.696	22.733	(1.389)	432730	9.45713	9.5
	96 Naphthalene	128	23.069	23.107	(1.411)	1039357	10.0034	10
	97 1,2,3-Trichlorobenzene	180	23.614	23.651	(1.445)	380063	9.61905	9.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cknr003.d	Date:	07-FEB-2012 12:21
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 283785		
Lab Sample ID:	lcs 283785		



Manual Integration Report

Data File: cknr003.d
Lab Sample ID: lcs 283785
Inj. Date and Time: 07-FEB-2012 12:21
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/08/2012

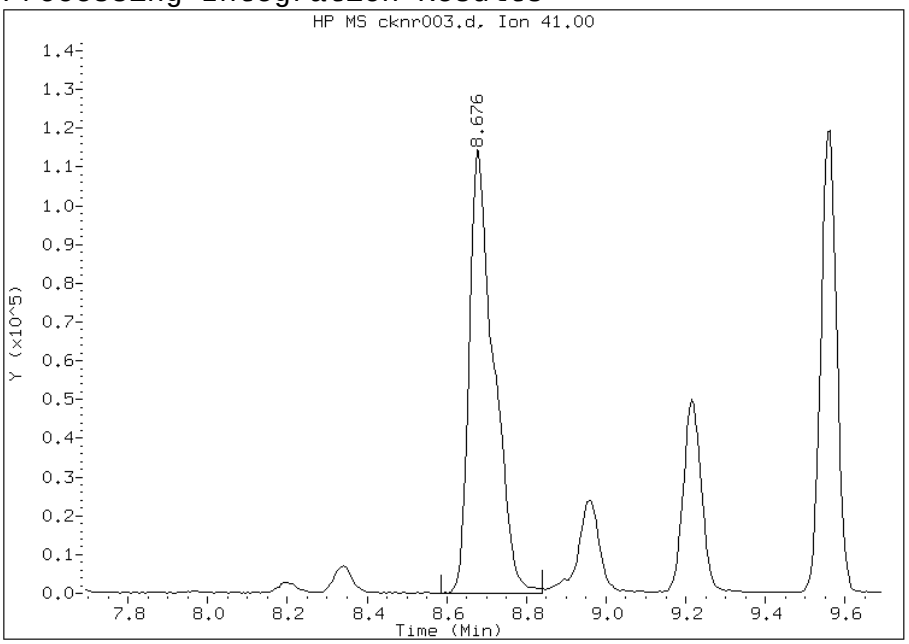
Processing Integration Results

RT: 8.68

Response: 490508

Amount: 14.02

Conc: 14.02



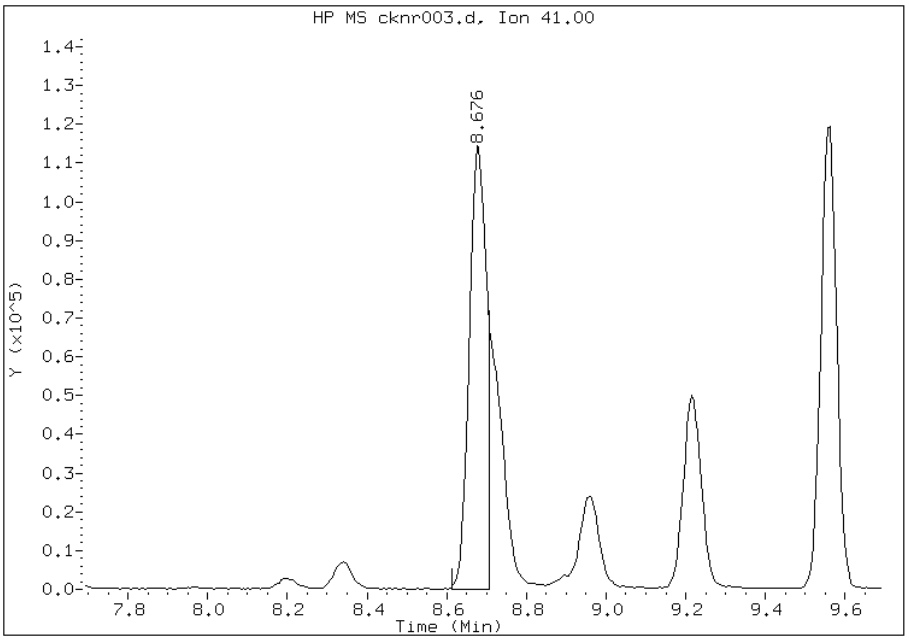
Manual Integration Results

RT: 8.68

Response: 345663

Amount: 9.88

Conc: 9.88



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Start Date: 01/12/2012 15:51

Analysis Batch Number: 32216 End Date: 01/13/2012 05:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-32216/1		01/12/2012 15:51	1	ckn001.d	RTX-624 0.32(mm)
VIBLK 200-32216/2		01/12/2012 16:36	1		RTX-624 0.32(mm)
IC 200-32216/3		01/12/2012 17:27	1	ckn003.d	RTX-624 0.32(mm)
IC 200-32216/4		01/12/2012 18:17	1	ckn004.d	RTX-624 0.32(mm)
IC 200-32216/5		01/12/2012 19:07	1	ckn005.d	RTX-624 0.32(mm)
ICIS 200-32216/6		01/12/2012 19:56	1	ckn006.d	RTX-624 0.32(mm)
IC 200-32216/7		01/12/2012 20:47	1	ckn007.d	RTX-624 0.32(mm)
IC 200-32216/8		01/12/2012 21:37	1	ckn008.d	RTX-624 0.32(mm)
IC 200-32216/9		01/12/2012 22:26	1	ckn009.d	RTX-624 0.32(mm)
VIBLK 200-32216/10		01/12/2012 23:16	1		RTX-624 0.32(mm)
VIBLK 200-32216/11		01/13/2012 00:06	1		RTX-624 0.32(mm)
ICV 200-32216/12		01/13/2012 00:56	1	ckn012.d	RTX-624 0.32(mm)
VIBLK 200-32216/13		01/13/2012 01:46	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 02:37	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 03:27	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 04:17	52.4		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 05:07	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Start Date: 02/06/2012 09:06

Analysis Batch Number: 33356 End Date: 02/07/2012 08:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-33356/1		02/06/2012 09:06	1	cknq001.d	RTX-624 0.32(mm)
CCVIS 200-33356/2		02/06/2012 10:03	1		RTX-624 0.32(mm)
CCVIS 200-33356/3		02/06/2012 10:54	1	cknq003.d	RTX-624 0.32(mm)
LCS 200-33356/4		02/06/2012 11:45	1	cknq004.d	RTX-624 0.32(mm)
MB 200-33356/5		02/06/2012 12:35	1	cknq005.d	RTX-624 0.32(mm)
ZZZZZ		02/06/2012 13:26	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 14:16	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 15:06	5		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 15:57	10		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 16:47	10		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 17:37	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 18:27	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 19:17	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 20:07	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 20:57	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 21:47	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 22:37	1		RTX-624 0.32(mm)
ZZZZZ		02/06/2012 23:27	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 00:17	5		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 01:06	1		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 01:56	1		RTX-624 0.32(mm)
280-25294-1	785IA07	02/07/2012 02:46	1	cknq022.d	RTX-624 0.32(mm)
280-25294-2	785IA06	02/07/2012 03:36	1	cknq023.d	RTX-624 0.32(mm)
280-25294-3	785786OA03	02/07/2012 04:26	1	cknq024.d	RTX-624 0.32(mm)
280-25294-4	785VMP0202AG	02/07/2012 05:16	1	cknq025.d	RTX-624 0.32(mm)
280-25294-5	785VMP0401AD	02/07/2012 06:06	1	cknq026.d	RTX-624 0.32(mm)
280-25294-6	785VMP0501AC	02/07/2012 06:56	1	cknq027.d	RTX-624 0.32(mm)
ZZZZZ		02/07/2012 08:56	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Start Date: 02/07/2012 10:29

Analysis Batch Number: 33381 End Date: 02/08/2012 09:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-33381/1		02/07/2012 10:29	1	cknr001.d	RTX-624 0.32(mm)
CCVIS 200-33381/2		02/07/2012 11:23	1	cknr002.d	RTX-624 0.32(mm)
LCS 200-33381/3		02/07/2012 12:21	1	cknr003.d	RTX-624 0.32(mm)
MB 200-33381/4		02/07/2012 13:10	1	cknr004.d	RTX-624 0.32(mm)
280-25294-7	TRIP BLANK	02/07/2012 14:00	1	cknr005.d	RTX-624 0.32(mm)
ZZZZZ		02/07/2012 14:51	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 15:41	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 16:31	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 17:21	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 18:11	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 19:01	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 19:51	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 20:41	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 21:31	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 22:21	0.2		RTX-624 0.32(mm)
ZZZZZ		02/07/2012 23:11	0.2		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 00:01	0.2		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 00:51	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 01:40	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 02:30	1.5		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 03:20	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 04:10	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 05:00	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 05:50	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 06:40	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 07:30	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 08:20	1		RTX-624 0.32(mm)
ZZZZZ		02/08/2012 09:10	4		RTX-624 0.32(mm)

Air Anomaly Report

Client ID	SDG	ETR	Date Initiated	Initiated By	Test Method(s)
FPM	280-2594		2/3/12	WRD	☑ TO14/TO15 ☐ TO15LL ☐ 3C ☐ 25C

Project Information

FC Equipment Check Results[2]

Lab ID	Canister ID	Anomaly[1] Code	FC Returned (Y/N)	Return Flow Rate			Leak (Y/N)
				Within Range	High	Low	
1	2693	2	4276	6.5			N
2	2512	2	3981	6.7			N
3	4795	2	3299	~~6.5~~		0.1	N

[1] (1) Return Pressure is greater than -10 ("Hg) (2) Return Pressure is -1 to Positive ("Hg) (3) Canister Valve was Open on Return

[2] If FC used for sampling was returned with canister, perform the post sampling FC equipment check and record results as follows:

Within Range: Return flow rate was within range for the specified sampling time.

High: Return flow rate was greater than the upper range established for specified sampling time.

Low: Return flow rate was less than the lower range established for specified sampling time.

Leak (Y/N): Y = Leak Detected N = No Leak Detected

Attach Supporting Documentation:

☐ Photocopy of Post Sampling Air Canister Check Record

☐ Photocopy of FC Set Flow Rate and Pressure Gauge Leak Check Record

☐ Photocopy of Field Test Data Sheet or other sampling documents, if provided.

PM & Client Notification & Laboratory Instruction

PM		Date	Client Contact	Date Notified
SSC		2/14/12	Katrina Mattice	2/5/12

Lab Action: ☑ Proceed ☐ Hold ☐ Cancel ☐ Other

Authorized By: ☐ PM ☐ Client ☐ Other

Comments/Additional Instructions:

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
FPM	280-25294	2/3/12	1655	29.7	22	G 6	WRD

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	2693	+1.5 psi	Y	4276	Y	3151 GG-FC	12 hr
2	2512	+1.5	"	3981	"	"	"
3	4795	+1.0	"	3299	"	2734 GGFI	"
4	2902	+1.1	N	4714	"	2883 GGFB	200 ml/min
5	4469	+0.7	"	4590	"	3391 GGFB	
6	3037	+1.1	"	4607	"	4360 GGFC	
7	4913	-25.5	—	NA	NA	3391 GGFB	Trip Blank

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # 48/3 4X/5

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check							Post-Sampling Check (PSC)						
Date Performed			Analyst	Temp (°C)	BP ("Hg)	FM ID	PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
1/25/12			SL	22	29.6	09038603							
FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
~~4540~~	N/A	N/A	25	25	DUP	T							
3299	12hr	6.8	25	25	25	25	9.1	27	27	30	30	2	
5223	24hr	3.2	25	25	25	25							4088
3951		3.3	25	25	26	26							
3742		3.3	25	25	24	24							
3062		3.4	25	25	26	26							
3687		3.3	25	25	28	28							
4047	1hr	80.0	25	25	20	20							
3856		80.2	25	25	22	22							~~4103~~ 4102
3188		79.5	25	25	24	24							
4198		79.9	25	25	26	26							
3378		80.5	25	25	26	26							
4193		80.0	25	25	25	25							
3540		80.1	25	25	21	21							
3049		80.9	25	25	26	26							
4529		80.1	25	25	26	26							
5177	8hr	10.0	25	25	26	26	7.9	25	25	28	28	1	4101
5168		10.0	25	25	24	24							
5178		10.2	25	25	26	26	10.0	25	25	28	28	1	

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

Set Flow Rates for Various Sampling Times (mL/min)

Size	30 min	1 hour	2 hour	4 hour	6 hour	8 hour	12 hour	16 hour	24 hour	24 hour (W)
6 Liter	150-195	79-81	38.0-41.5	19.5-20.5	13.3-13.7	9.8-10.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9
1 Liter	NA	13.3-13.7	6.5-6.9	3.2-3.4	NA	NA	NA	NA	NA	NA

NA = Sampling Time is not applicable to canister size W=Winter Setting

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	2/1/12	SP	22	29.1	09540IK	5					
2	2/3/12	WHO	22	29.7	09540IS	6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check						Post-Sampling Check (PSC)						
Date Performed			Analyst	Temp (°C)	BP ("Hg)	FM ID	PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
1/12/12			2	22	29.0	09038603							
FC ID	Sampling Time	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	PSC Code	Shipping Order
4546	N/A	N/A	25	25	DUP	T							
4399	N/A	N/A	25	25	DUP	T							
3749	1hr	80.9	25	25	20	20							4022
4193	1	81	25	25	20	20							1
4185	1	81	25	25	22	22							
4401	NA	NIA	25	25	VAC	GAUGE							
5295	200mL/min	182	25	25	25	25							
2805	125mL	125	25	25	22	22							4028
3981	12hr	6.6	25	25	24	24	6.7	27	27	26	26	2	3993
3948		6.8	25	25	26	26							
3110		6.7	25	25	26	26	6.7	27	27	27	27	1	
4276		6.6	25	25	25	25	6.5	27	27	27	27	2	
3575		6.8	25	25	26	26	6.8	27	27	28	28	1	
3947		6.7	25	25	25	25	6.7	27	27	27	27	1	
4415	N/A	N/A	25	25	DUP	T							
4704	200mL/min	181	25	25	25	25							
4706		183	25	25	24	24							
5258		181	25	25	23	25							
4680		180	25	25	25	25							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

Set Flow Rates for Various Sampling Times (mL/min)

Size	30 min	1 hour	2 hour	4 hour	6 hour	8 hour	12 hour	16 hour	24 hour	24 hour (W)
6 Liter	150-195	79-81	38.0-41.5	19.5-20.5	13.3-13.7	9.8-10.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9
1 Liter	NA	13.3-13.7	6.5-6.9	3.2-3.4	NA	NA	NA	NA	NA	NA

NA = Sampling Time is not applicable to canister size W=Winter Setting

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/30/12	WRO	21	29.6	09J40115	5					
2	2/3/12	WRO	22	29.7	09J40115	6					
3						7					
4						8					

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
FPM	280-25294	2/3/12	1655	29.7	22	G G	WRD

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[5]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	2693	+1.5	Y	4276	Y	351GG-FC	12 hr
2	2512	+1.5	"	3981	"	"	"
3	4795	+1.0	"	3299	"	2734 GGFI	"
4	2902	+1.1	N	4714	"	2883 GGFB	200 ml/min
5	4469	+0.7	"	4590	"	3391 GGFB	
6	3037	+1.1	"	4607	"	4360 GGFC	
7	4913	-2.5	"	NA	NA	3391 GGFB	Trip Blank

2/3/12

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # 48/3 48/9

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID: CKN	Start Date: 1/12/12	Time: 1551		ISTD Lot #:	248052	Instrument ID: C
Test Method: TO15/TO15LLN5	End Date: 1/13/12	Time: 1551		CAL STD Lot #	see comment	Instrument: 5973
ICAL Date: 32216 / 32217				ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager PMTD	Analyst	Analyst WM	Analyst	Analyst
Name/Initial	Mark Phillips	Paul Daigle	William DesJardins		
Signature	Mark P Phillips	Paul Daigle PAD			

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1551	CKN 001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1636	002	4635	VIBLK	1	1	200			✓	WM	
1727	003	2969	Level 01		2				✓		260559
1817	004	3308	Level 02		3				✓		260524
1907	005	2578	Level 03		4				✓		275708
1956	006	3460	Level 04 IS		5				✓		275681
2047	007	3503	Level 05		6				✓		260512
2136	008	3643	Level 06		7				✓		260506
2226	009	3631	Level 07		8				✓		275630
2316	010	4635	VIBLK		1				✓		
0006	011	4635	VIBLK		1			↓	✓		
0056	012	4947	ICV	✓	9			✓	✓		~~260~~ 264634
0146	013	4635	VIBLK	✓	1			✓	✓		
0237	014	4947	LCS	✓	9			✓	✓		264634
0327	015	4635	MB	✓	1	↓		✓	✓		
0417	016	4017	8804-01	52.4	10	53		✓	✓		cdf 13.88 C
0507	017	4834	↓ -02	1	11	200		✓	✓	↓	C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

#33356

Sequence				Standard Traceability		Instrument Information
Batch ID:	CKNQ	Start Date: 2/6/12	Time: 0906	ISTD Lot #:	248052	Instrument ID: C
Test Method:	TO15	End Date: 2/7/12	Time: 0906	CAL STD Lot #	275680	Instrument: 5973
ICAL Date:	3216			ICV / LCS Lot #	283785	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0906	C-15NQ001		BFB	NA	NA	NA	KRD	NA	NA	KRD	
1003	02	3640	not used		1	200		NA	NA	1	
1054	03	3642	CCV		1	200		NA	✓		AC
1145	04	5015	LCS		2			✓	✓		AC
1235	05	4633	MB		3			✓	✓		
1326	06	3142	#146-8	1	4	28		✓	✓		282968
1416	07	3544	not used	1	5	200		✓	✓		279077
1506	08	4872	25116-1	5	6	40		✓	✓		C
1557	09	3361	-2	10	7	20		✓	✓		C
1647	10	5058	-3	10	8	20		✓	✓		C
1737	11	3334	-4	1	9	200		✓	✓		C
1827	12	3661	-5		10			✓	✓		C
1917	13	4317	-6		11			✓	✓		C
2007	14	5150	-7		12			✓	↑		CDFM 89
2057	15	3483	-8		13			✓	✓		C
2147	16	2990	-9		14			✓	↑		IPA 44
2237	17	4564	-10		15			✓	✓		C
2327	18	3338	-12		16			✓	✓		C
0017	19	5046	-13	5	1	40		✓	✓		C
0106	20	3044	-14	1	2	200		✓	✓		C
0156	21	2569	-15	1	3	1		✓	✓		C
0246	22	2693	290-25294-01	1	4	200	AHK	✓	✓		C
0336	23	2512	-02	1	5			✓	✓		C
0426	24	4795	-03	1	6			✓	✓		C
0516	25	2902	-04	1	7			✓	✓		C
0606	26	4469	-05	1	8			✓	✓		C
0656	27	3037	-06	1	9			✓	✓		C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	CKNQ	Start Date:	2/6/12 Time: 0906	ISTD Lot #:	Instrument ID: C
Test Method:	8015	End Date:	2/7/12 Time: 0906	CAL STD Lot #	Instrument: 5973
ICAL Date:				ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0856	CKNQ028	3642	8146-12	1	11	100	WND	✓	✓	WND	275680

2/8/12

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

TALS Batch # 33391

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: CKNR	Start Date: 2/7/12	Time: 1029	ISTD Lot #: 246052	Instrument ID: C
Test Method: TO15	End Date: 2/8/12	Time: 1029	CAL STD Lot # 275680 RVP 02/13/12	Instrument: 5973
ICAL Date: 11/3/12			ICV / LCS Lot # ~~227280~~ 283785	Column Type: RTX-624

	Manager	Analyst	Analyst AHK	Analyst	Analyst
Name/Initial			Angela H. Keene		
Signature			Angela H. Keene		

	Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1029	CKNR001	NA	BFB	NA	NA	NA	LHD	NA	✓	LHD	ok
1123	02	3642	CCV		1	200		NA	✓		AG
1221	03	5015	LCS		2			✓	✓		AG
1310	04	4633	MB		3			✓	✓	AHK	ok
1400	05	4913	25294-7	1	4	200		✓	✓	AHK	C
1451	06	4101	9234-3	0.2	5	1000		✓	✓	AHK	C
1541	07	4139	-2		6			✓	✓		C
1631	08	3270	-1		7			✓	✓		C
1721	09	4458	-4		8			✓	✓		C
1811	10	4128	-5		9			✓	✓		C
1901	11	4811	-6		10			✓	✓		C
1951	12	4820	-7		11			✓	✓		C
2041	13	4876	-8		12			✓	✓		C
2131	14	4009	-9		13			✓	✓		C
2221	15	3048	-10		14			✓	✓		C
2311	16	4827	-11		15			✓	✓		C
0001	17	4569	-12		16			✓	✓		C
0051	18	4848	9238-05	1 AHK 2/7/12 0.2	1	200	AHK	✓	✓		C
0140	19	4672	9239-08	1	2	200		✓	✓	✓	C
0230	20	2990	2980-25116-09	1.50	3	133		✓	✓		C
0320	21	3457	9224-01	1	4	200		✓	✓		C
0410	22	4808	-02	1	5			✓	✓		C
0500	23	4066	-03	1	6			✓	✓		C
0550	24	3346	-04	1	7			✓	✓		C
0640	25	4142	-05	1	8			✓	✓		C
0730	26	3275	-06	1	9			✓	✓		C
0820	27	3303	-07	1	10			✓	✓		C
0910	28	5150	2980-25116-7	4	11						

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

Subcontract Data

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-25294-1

Login Number: 25294

List Source: TestAmerica Denver

List Number: 1

Creator: Dreesen, Julie L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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: 280-25294-1

Login Number: 25294
List Number: 1
Creator: Holt, Jamie

List Source: TestAmerica Burlington
List Creation: 02/03/12 03:22 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	418357, 356
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	ambient
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-25374-1

Job Description: Griffiss AFB 1015-11-01 SVI

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

Attention: Daniel Baldyga

M. Elaine Walker

Approved for release.
Elaine Walker
Project Manager I
3/7/2012 10:53 AM

Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
03/07/2012

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

ACCREDITED IN ACCORDANCE WITH nelac

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB 1015-11-01 SVI
Report Number: 280-25374-1

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

Two samples were received at TestAmerica - Burlington on 02/08/2012; the samples arrived in good condition. The cooler arrived at ambient temperature.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): 786VMP0202AE (280-25374-1). The container labels list sample 1 with the ID 786VMP0202AD-11. The COC lists 786VMP0202AE, which was used for the login. The client was notified of this discrepancy via email on 02/08/2012.

TO-15

Samples 786VMP0202AE (280-25374-1) and TRIP BLANK (280-25374-2) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 02/13/2012.

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.: 280-25374-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/3 Client Sample ID:

Date Analyzed: 01/12/12 17:27 Lab File ID: ckn003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	6.52	Baseline event	wrd	01/13/12 08:14
1,1-Dichloroethane	9.95	Peak not found by the data system	wrd	01/13/12 08:15
1,2-Dichloroethane	12.04	Peak not found by the data system	wrd	01/13/12 08:16

Lab Sample ID: IC 200-32216/4 Client Sample ID:

Date Analyzed: 01/12/12 18:17 Lab File ID: ckn004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.36	Baseline event	wrd	01/13/12 08:18

Lab Sample ID: IC 200-32216/5 Client Sample ID:

Date Analyzed: 01/12/12 19:07 Lab File ID: ckn005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:19
Acetonitrile	8.74	Baseline event	wrd	01/13/12 08:20

Lab Sample ID: ICIS 200-32216/6 Client Sample ID:

Date Analyzed: 01/12/12 19:56 Lab File ID: ckn006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:21
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 32216

Lab Sample ID: IC 200-32216/7 Client Sample ID:

Date Analyzed: 01/12/12 20:47 Lab File ID: ckn007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:22
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:22

Lab Sample ID: IC 200-32216/8 Client Sample ID:

Date Analyzed: 01/12/12 21:37 Lab File ID: ckn008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:23
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:24

Lab Sample ID: IC 200-32216/9 Client Sample ID:

Date Analyzed: 01/12/12 22:26 Lab File ID: ckn009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.70	Baseline event	wrd	01/13/12 08:25
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:25

Lab Sample ID: ICV 200-32216/12 Client Sample ID:

Date Analyzed: 01/13/12 00:56 Lab File ID: ckn012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.69	Baseline event	wrd	01/13/12 08:30
Acetonitrile	8.73	Baseline event	wrd	01/13/12 08:33

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33599

Lab Sample ID: CCVIS 200-33599/2 Client Sample ID:

Date Analyzed: 02/13/12 14:31 Lab File ID: cknw002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/13/12 16:43
Acetonitrile	8.70	Baseline event	wrd	02/13/12 16:43

Lab Sample ID: LCS 200-33599/3 Client Sample ID:

Date Analyzed: 02/13/12 15:44 Lab File ID: cknw003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/13/12 16:45

Lab Sample ID: 280-25374-1 Client Sample ID: 786VMP0202AE

Date Analyzed: 02/13/12 18:15 Lab File ID: cknw006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	5.71	Baseline event	wrd	02/14/12 12:05
n-Hexane	9.56	Baseline event	wrd	02/14/12 12:06
Bromodichloromethane	13.47	Peak not found by the data system	wrd	02/14/12 12:07
4-Ethyltoluene	18.10	Baseline event	wrd	02/14/12 12:07
1,3,5-Trimethylbenzene	18.18	Analyte misidentified by the data system	wrd	02/14/12 12:08

Lab Sample ID: 280-25374-2 Client Sample ID: TRIP BLANK

Date Analyzed: 02/13/12 19:05 Lab File ID: cknw007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	11.46	Baseline event	wrd	02/14/12 12:09

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25374-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-25374-1	786VMP0202AE	Air	02/07/2012 1038	02/08/2012 1000
280-25374-2TB	TRIP BLANK	Air	02/07/2012 1038	02/08/2012 1000

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25374-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25374-1	**786VMP0202AE**					
Dichlorodifluoromethane		0.50		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5		2.5	ug/m3	TO-15
n-Butane		0.28	J M	0.50	ppb v/v	TO-15
n-Butane		0.67	J M	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		0.071	J	0.20	ppb v/v	TO-15
Freon TF		0.55	J	1.5	ug/m3	TO-15
Acetone		0.79	J	5.0	ppb v/v	TO-15
Acetone		1.9	J	12	ug/m3	TO-15
Isopropyl alcohol		0.59	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.4	J	12	ug/m3	TO-15
Methylene Chloride		4.4		0.50	ppb v/v	TO-15
Methylene Chloride		15		1.7	ug/m3	TO-15
n-Hexane		0.063	J M	0.20	ppb v/v	TO-15
n-Hexane		0.22	J M	0.70	ug/m3	TO-15
Chloroform		2.4		0.20	ppb v/v	TO-15
Chloroform		12		0.98	ug/m3	TO-15
1,1,1-Trichloroethane		0.14	J	0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		0.78	J	1.1	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
Trichloroethene		4.2		0.20	ppb v/v	TO-15
Trichloroethene		22		1.1	ug/m3	TO-15
Bromodichloromethane		0.048	J M	0.20	ppb v/v	TO-15
Bromodichloromethane		0.32	J M	1.3	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
Toluene		0.59		0.20	ppb v/v	TO-15
Toluene		2.2		0.75	ug/m3	TO-15
Ethylbenzene		0.32		0.20	ppb v/v	TO-15
Ethylbenzene		1.4		0.87	ug/m3	TO-15
m,p-Xylene		1.1		0.50	ppb v/v	TO-15
m,p-Xylene		4.6		2.2	ug/m3	TO-15
Xylene, o-		0.24		0.20	ppb v/v	TO-15
Xylene, o-		1.1		0.87	ug/m3	TO-15
Xylene (total)		1.3		0.20	ppb v/v	TO-15
Xylene (total)		5.7		0.87	ug/m3	TO-15
4-Ethyltoluene		0.059	J M	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.29	J M	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.052	J M	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.26	J M	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.13	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.62	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-25374-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-25374-2TB	**TRIP BLANK**					
Acetone		0.50	J	5.0	ppb v/v	TO-15
Acetone		1.2	J	12	ug/m3	TO-15
Isopropyl alcohol		0.61	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		1.5	J	12	ug/m3	TO-15
Methylene Chloride		0.11	J	0.50	ppb v/v	TO-15
Methylene Chloride		0.37	J	1.7	ug/m3	TO-15
n-Hexane		0.072	J	0.20	ppb v/v	TO-15
n-Hexane		0.25	J	0.70	ug/m3	TO-15
Cyclohexane		0.065	J M	0.20	ppb v/v	TO-15
Cyclohexane		0.22	J M	0.69	ug/m3	TO-15
Toluene		0.37		0.20	ppb v/v	TO-15
Toluene		1.4		0.75	ug/m3	TO-15

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25374-1

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: 280-25374-1

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

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.28	J M	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.23		0.034	0.20
Freon TF	0.071	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.79	J	0.045	5.0
Isopropyl alcohol	0.59	J	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	4.4		0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.063	J M	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	2.4		0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.14	J	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.070	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	4.2		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.048	J M	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.25	J	0.026	0.50
Toluene	0.59		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.32		0.022	0.20
m,p-Xylene	1.1		0.048	0.50
Xylene, o-	0.24		0.022	0.20
Xylene (total)	1.3		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.059	J M	0.046	0.20
1,3,5-Trimethylbenzene	0.052	J M	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.67	J M	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.19	1.1
Freon TF	0.55	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.9	J	0.11	12
Isopropyl alcohol	1.4	J	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	15		0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.22	J M	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	12		0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.78	J	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.44	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	22		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.32	J M	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	1.0	J	0.11	2.0
Toluene	2.2		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	1.4		0.096	0.87
m,p-Xylene	4.6		0.21	2.2
Xylene, o-	1.1		0.096	0.87
Xylene (total)	5.7		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.29	J M	0.23	0.98
1,3,5-Trimethylbenzene	0.26	J M	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.62	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.50	J	0.045	5.0
Isopropyl alcohol	0.61	J	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.11	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.072	J	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.065	J M	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.37		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.2	J	0.11	12
Isopropyl alcohol	1.5	J	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.37	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.25	J	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.22	J M	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	1.4		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB

Client Matrix: Air

Date Sampled: 02/07/2012 1038

Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Method Blank - Batch: 200-33599

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33599/4	Analysis Batch:	200-33599	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknw004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1634	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1634			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.13	U	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.040	U	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20

Client: FPM Remediations Inc

Job Number: 280-25374-1

Method Blank - Batch: 200-33599

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33599/4	Analysis Batch:	200-33599	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknw004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1634	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1634			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.040	U	0.011	0.20
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Client: FPM Remediations Inc

Job Number: 280-25374-1

Method Blank - Batch: 200-33599

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33599/4	Analysis Batch:	200-33599	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknw004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1634	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1634			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.31	U	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.15	U	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1

Client: FPM Remediations Inc

Job Number: 280-25374-1

Method Blank - Batch: 200-33599

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-33599/4	Analysis Batch:	200-33599	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknw004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1634	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1634			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25374-1

Lab Control Sample - Batch: 200-33599

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33599/3	Analysis Batch:	200-33599	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknw003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1544	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1544			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.5	115	70 - 130	
Freon 22	10.0	10.3	103	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.81	98	70 - 130	
Chloromethane	10.0	8.36	84	70 - 130	
n-Butane	10.0	7.97	80	70 - 130	
Vinyl chloride	10.0	8.30	83	70 - 130	
1,3-Butadiene	10.0	7.99	80	70 - 130	
Bromomethane	10.0	8.49	85	70 - 130	
Chloroethane	10.0	7.31	73	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.14	91	70 - 130	
Trichlorofluoromethane	10.0	11.7	117	70 - 130	
Freon TF	10.0	10.4	104	70 - 130	
1,1-Dichloroethene	10.0	9.43	94	70 - 130	
Acetone	10.0	9.78	98	70 - 130	
Isopropyl alcohol	10.0	8.62	86	70 - 130	
Carbon disulfide	10.0	7.93	79	70 - 130	
3-Chloropropene	10.0	7.75	78	70 - 130	M
Methylene Chloride	10.0	9.26	93	70 - 130	
tert-Butyl alcohol	10.0	9.39	94	70 - 130	
Methyl tert-butyl ether	10.0	9.62	96	70 - 130	
trans-1,2-Dichloroethene	10.0	9.42	94	70 - 130	
n-Hexane	10.0	8.01	80	70 - 130	
1,1-Dichloroethane	10.0	9.12	91	70 - 130	
Methyl Ethyl Ketone	10.0	7.29	73	70 - 130	
cis-1,2-Dichloroethene	10.0	8.71	87	70 - 130	
Chloroform	10.0	10.1	101	70 - 130	
Tetrahydrofuran	10.0	8.24	82	70 - 130	
1,1,1-Trichloroethane	10.0	11.9	119	70 - 130	
Cyclohexane	10.0	8.87	89	70 - 130	
Carbon tetrachloride	10.0	12.5	125	70 - 130	
2,2,4-Trimethylpentane	10.0	8.54	85	70 - 130	
Benzene	10.0	8.03	80	70 - 130	
1,2-Dichloroethane	10.0	13.0	130	70 - 130	
n-Heptane	10.0	8.86	89	70 - 130	
Trichloroethene	10.0	9.69	97	70 - 130	
Methyl methacrylate	10.0	8.25	83	70 - 130	
1,2-Dichloropropane	10.0	8.01	80	70 - 130	
1,4-Dioxane	10.0	8.14	81	70 - 130	
Bromodichloromethane	10.0	11.4	114	70 - 130	
cis-1,3-Dichloropropene	10.0	9.45	94	70 - 130	
methyl isobutyl ketone	10.0	9.44	94	70 - 130	
Toluene	10.0	8.52	85	70 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130	
1,1,2-Trichloroethane	10.0	8.05	81	70 - 130	
Tetrachloroethene	10.0	10.7	107	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.23	92	70 - 130	

Client: FPM Remediations Inc

Job Number: 280-25374-1

Lab Control Sample - Batch: 200-33599

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-33599/3	Analysis Batch:	200-33599	Instrument ID:	C.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	cknw003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1544	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1544			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	9.32	93	70 - 130	
Chlorobenzene	10.0	9.52	95	70 - 130	
Ethylbenzene	10.0	9.03	90	70 - 130	
m,p-Xylene	20.0	17.4	87	70 - 130	
Xylene, o-	10.0	8.72	87	70 - 130	
Styrene	10.0	9.03	90	70 - 130	
Bromoform	10.0	11.3	113	70 - 130	
Cumene	10.0	9.74	97	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	7.74	77	70 - 130	
n-Propylbenzene	10.0	9.26	93	70 - 130	
4-Ethyltoluene	10.0	10.0	100	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.79	98	70 - 130	
2-Chlorotoluene	10.0	9.79	98	70 - 130	
tert-Butylbenzene	10.0	10.5	105	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.87	99	70 - 130	
sec-Butylbenzene	10.0	9.73	97	70 - 130	
4-Isopropyltoluene	10.0	10.6	106	70 - 130	
1,3-Dichlorobenzene	10.0	10.0	101	70 - 130	
1,4-Dichlorobenzene	10.0	9.95	100	70 - 130	
Benzyl chloride	10.0	10.1	101	70 - 130	
n-Butylbenzene	10.0	9.83	98	70 - 130	
1,2-Dichlorobenzene	10.0	9.80	98	70 - 130	
1,2,4-Trichlorobenzene	10.0	10.5	105	70 - 130	
Hexachlorobutadiene	10.0	8.96	90	70 - 130	
Naphthalene	10.0	9.65	96	70 - 130	

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-25374-1

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: 280-25374-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-33599					
LCS 200-33599/3	Lab Control Sample	T	Air	TO-15	
MB 200-33599/4	Method Blank	T	Air	TO-15	
280-25374-1	786VMP0202AE	T	Air	TO-15	
280-25374-2TB	TRIP BLANK	T	Air	TO-15	

Report Basis

T = Total

Client: FPM Remediations Inc

Job Number: 280-25374-1

Laboratory Chronicle

Lab ID: 280-25374-1 **Client ID:** 786VMP0202AE

Sample Date/Time: 02/07/2012 10:38 Received Date/Time: 02/08/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25374-A-1		200-33599		02/13/2012 18:15	1	TAL BUR	WRD
A:TO-15	280-25374-A-1		200-33599		02/13/2012 18:15	1	TAL BUR	WRD

Lab ID: 280-25374-2 **Client ID:** TRIP BLANK

Sample Date/Time: 02/07/2012 10:38 Received Date/Time: 02/08/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	280-25374-A-2		200-33599		02/13/2012 19:05	1	TAL BUR	WRD
A:TO-15	280-25374-A-2		200-33599		02/13/2012 19:05	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 200-33599/4		200-33599		02/13/2012 16:34	1	TAL BUR	WRD
A:TO-15	MB 200-33599/4		200-33599		02/13/2012 16:34	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 200-33599/3		200-33599		02/13/2012 15:44	1	TAL BUR	WRD
A:TO-15	LCS 200-33599/3		200-33599		02/13/2012 15:44	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00054	01/13/12	12/07/11	DI WATER, Lot 2969	15.463 L	ATTO15CAL6w_00042	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
							Bromodichloromethane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	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
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00042	01/13/12	12/06/11	DI WATER, Lot 2887	15.463 L	ATTO15CALSTKi_00028	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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	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_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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
							1,2,4-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.: 280-25374-1

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	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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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	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_00049	01/13/12	12/07/11	DI WATER, Lot 3308	15.463 L	ATTO15CAL6w_00042	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00021	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00042	01/13/12	12/06/11	DI WATER, Lot 2887	15.463 L	ATTO15CALSTKi_00028	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
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							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
							Ethyl ether	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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 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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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-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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00063	04/03/12	01/10/12	DI WATER, Lot 2518	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00023	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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	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
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00008	12/07/12		Spectra Gases, Lot cc-250170			(Purchased Reagent)	1,1,1-Trichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.ATTO15EthCALw_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00173	04/03/12	01/10/12	DI WATER, Lot 3642	15.463 L	ATTO15CALSTKi_00029	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.: 280-25374-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
..ATTO15CALs_00008	12/07/12		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
							1,2,4-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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
ATTO15CAL4w_00174	04/03/12	01/10/12	DI WATER, Lot 3640	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-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-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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	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
							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.: 280-25374-1

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
							trans-1,3-Dichloropropene	9.99806 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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, o-	9.99806 ppb v/v
					ATTO15EthCALw_00023	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00008	12/07/12		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
							Cumene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.ATTO15EthCALw_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 uL/mL

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL5w_00021	01/13/12	12/06/11	DI WATER, Lot 3503	15.463 L	ATTO15CALSTKi_00028	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	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_00021	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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.: 280-25374-1

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, o-	200 ppb v/v
..ATTO15CALs_00008	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00043	01/13/12	12/06/11	DI WATER, Lot 3643	15.463 L	ATTO15CALSTKi_00028	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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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	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
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							n-Nonane	19.9961 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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_00021	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00028	01/28/12	10/28/11	DI WATER, Lot 1003	37.5 L	ATTO15CALs_00008	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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-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_00008	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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	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
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00021	01/13/12	10/13/11	VOA Free Water, Lot 7951	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12		SIGMA, Lot 05796KM		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00023	04/03/12	01/10/12	DI WATER, Lot 3631	15.463 L	ATTO15CALSTKi_00029	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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	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
							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.: 280-25374-1

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
							Methylene Chloride	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00023	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00029	04/05/12	01/05/12	DI WATER, Lot 1020	37.5 L	ATTO15CALs_00008	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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							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_00008	12/07/12		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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

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
							1,2,3-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
							Freon 22	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00023	04/03/12	01/03/12	VOA Free Water, Lot 1173	37.5 ppb	ATTO15EthCALs_00005	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00005	12/07/12	SIGMA, Lot 05796KM			(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_00166	02/29/12	12/14/11	DI WATER, Lot 4947	15.463 L	ATTO15LCSSTKi_00025	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.: 280-25374-1

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
							1,2,4-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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00025	02/29/12	11/30/11	DI WATER, Lot 4985	37.5 L	ATTO15LCSs_00010	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00010	12/07/12		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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00169	03/13/12	01/27/12	DI WATER, Lot 5015	15.463 L	ATTO15LCSSTKi_00026	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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00026	04/05/12	01/05/12	DI WATER, Lot 1014	37.5 L	ATTO15LCSs_00010	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00010	12/07/12		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
							Isopropyl alcohol	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	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

Certification Summary

Client: FPM Remediations Inc
Project/Site: Griffiss AFB 1015-11-01 SVI

TestAmerica Job ID: 280-25374-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAC Secondary AB	4	E87467
TestAmerica Burlington	Louisiana	NELAC Secondary AB	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	State Program	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC Secondary AB	3	460209

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

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknw003.d

Lab ID: LCS 200-33599/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.5	115	70-130	
Freon 22	10.0	10.3	103	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.81	98	70-130	
Chloromethane	10.0	8.36	84	70-130	
n-Butane	10.0	7.97	80	70-130	
Vinyl chloride	10.0	8.30	83	70-130	
1,3-Butadiene	10.0	7.99	80	70-130	
Bromomethane	10.0	8.49	85	70-130	
Chloroethane	10.0	7.31	73	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.14	91	70-130	
Trichlorofluoromethane	10.0	11.7	117	70-130	
Freon TF	10.0	10.4	104	70-130	
1,1-Dichloroethene	10.0	9.43	94	70-130	
Acetone	10.0	9.78	98	70-130	
Isopropyl alcohol	10.0	8.62	86	70-130	
Carbon disulfide	10.0	7.93	79	70-130	
3-Chloropropene	10.0	7.75	78	70-130	M
Methylene Chloride	10.0	9.26	93	70-130	
tert-Butyl alcohol	10.0	9.39	94	70-130	
Methyl tert-butyl ether	10.0	9.62	96	70-130	
trans-1,2-Dichloroethene	10.0	9.42	94	70-130	
n-Hexane	10.0	8.01	80	70-130	
1,1-Dichloroethane	10.0	9.12	91	70-130	
Methyl Ethyl Ketone	10.0	7.29	73	70-130	
cis-1,2-Dichloroethene	10.0	8.71	87	70-130	
Chloroform	10.0	10.1	101	70-130	
Tetrahydrofuran	10.0	8.24	82	70-130	
1,1,1-Trichloroethane	10.0	11.9	119	70-130	
Cyclohexane	10.0	8.87	89	70-130	
Carbon tetrachloride	10.0	12.5	125	70-130	
2,2,4-Trimethylpentane	10.0	8.54	85	70-130	
Benzene	10.0	8.03	80	70-130	
1,2-Dichloroethane	10.0	13.0	130	70-130	
n-Heptane	10.0	8.86	89	70-130	
Trichloroethene	10.0	9.69	97	70-130	
Methyl methacrylate	10.0	8.25	83	70-130	
1,2-Dichloropropane	10.0	8.01	80	70-130	
1,4-Dioxane	10.0	8.14	81	70-130	
Bromodichloromethane	10.0	11.4	114	70-130	
cis-1,3-Dichloropropene	10.0	9.45	94	70-130	
methyl isobutyl ketone	10.0	9.44	94	70-130	
Toluene	10.0	8.52	85	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.: 280-25374-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cknw003.d

Lab ID: LCS 200-33599/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	8.05	81	70-130	
Tetrachloroethene	10.0	10.7	107	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.23	92	70-130	
Dibromochloromethane	10.0	11.4	114	70-130	
1,2-Dibromoethane	10.0	9.32	93	70-130	
Chlorobenzene	10.0	9.52	95	70-130	
Ethylbenzene	10.0	9.03	90	70-130	
m,p-Xylene	20.0	17.4	87	70-130	
Xylene, o-	10.0	8.72	87	70-130	
Styrene	10.0	9.03	90	70-130	
Bromoform	10.0	11.3	113	70-130	
Cumene	10.0	9.74	97	70-130	
1,1,2,2-Tetrachloroethane	10.0	7.74	77	70-130	
n-Propylbenzene	10.0	9.26	93	70-130	
4-Ethyltoluene	10.0	10.0	100	70-130	
1,3,5-Trimethylbenzene	10.0	9.79	98	70-130	
2-Chlorotoluene	10.0	9.79	98	70-130	
tert-Butylbenzene	10.0	10.5	105	70-130	
1,2,4-Trimethylbenzene	10.0	9.87	99	70-130	
sec-Butylbenzene	10.0	9.73	97	70-130	
4-Isopropyltoluene	10.0	10.6	106	70-130	
1,3-Dichlorobenzene	10.0	10.0	101	70-130	
1,4-Dichlorobenzene	10.0	9.95	100	70-130	
Benzyl chloride	10.0	10.1	101	70-130	
n-Butylbenzene	10.0	9.83	98	70-130	
1,2-Dichlorobenzene	10.0	9.80	98	70-130	
1,2,4-Trichlorobenzene	10.0	10.5	105	70-130	
Hexachlorobutadiene	10.0	8.96	90	70-130	
Naphthalene	10.0	9.65	96	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.: 280-25374-1

SDG No.:

Lab File ID: cknw004.d Lab Sample ID: MB 200-33599/4

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

Instrument ID: C.i Date Analyzed: 02/13/2012 16:34

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 200-33599/3	cknw003.d	02/13/2012 15:44
786VMP0202AE	280-25374-1	cknw006.d	02/13/2012 18:15
TRIP BLANK	280-25374-2	cknw007.d	02/13/2012 19:05

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab File ID: ckn001.d BFB Injection Date: 01/12/2012

Instrument ID: C.i BFB Injection Time: 15:51

Analysis Batch No.: 32216

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.4	
75	30.0 - 66.0% of mass 95	48.9	
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	74.4	
175	4.0 - 9.0 % of mass 174	5.4	(7.2)1
176	93.0 - 101.0% of mass 174	71.7	(96.3)1
177	5.0 - 9.0% of mass 176	4.7	(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 200-32216/3	ckn003.d	01/12/2012	17:27
	IC 200-32216/4	ckn004.d	01/12/2012	18:17
	IC 200-32216/5	ckn005.d	01/12/2012	19:07
	ICIS 200-32216/6	ckn006.d	01/12/2012	19:56
	IC 200-32216/7	ckn007.d	01/12/2012	20:47
	IC 200-32216/8	ckn008.d	01/12/2012	21:37
	IC 200-32216/9	ckn009.d	01/12/2012	22:26
	ICV 200-32216/12	ckn012.d	01/13/2012	00:56

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab File ID: cknw001.d BFB Injection Date: 02/13/2012

Instrument ID: C.i BFB Injection Time: 13:38

Analysis Batch No.: 33599

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.9	
75	30.0 - 66.0% of mass 95	59.5	
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	0.0	(0.0)1
174	50.0 - 120.0% of mass 95	85.1	
175	4.0 - 9.0 % of mass 174	5.9	(7.0)1
176	93.0 - 101.0% of mass 174	82.8	(97.3)1
177	5.0 - 9.0% of mass 176	5.2	(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 200-33599/2	cknw002.d	02/13/2012	14:31
	LCS 200-33599/3	cknw003.d	02/13/2012	15:44
	MB 200-33599/4	cknw004.d	02/13/2012	16:34
786VMP0202AE	280-25374-1	cknw006.d	02/13/2012	18:15
TRIP BLANK	280-25374-2	cknw007.d	02/13/2012	19:05

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Sample No.: ICIS 200-32216/6 Date Analyzed: 01/12/2012 19:56

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

Lab File ID (Standard): ckn006.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		370433	11.13	2111595	12.44	1980776	16.37
UPPER LIMIT		518606	11.46	2956233	12.77	2773086	16.70
LOWER LIMIT		222260	10.80	1266957	12.11	1188466	16.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-32216/12		380296	11.12	2183812	12.44	1809282	16.37

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.: 280-25374-1

SDG No.:

Sample No.: CCVIS 200-33599/2 Date Analyzed: 02/13/2012 14:31

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

Lab File ID (Standard): cknw002.d Heated Purge: (Y/N) N

Calibration ID: 12941

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		235414	11.10	1286649	12.42	1210302	16.34
UPPER LIMIT		329580	11.43	1801309	12.75	1694423	16.67
LOWER LIMIT		141248	10.77	771989	12.09	726181	16.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-33599/3		253568	11.10	1382065	12.42	1304750	16.34
MB 200-33599/4		252077	11.10	1399879	12.42	1301502	16.34
280-25374-1	786VMP0202AE	241506	11.10	1331876	12.42	1246112	16.34
280-25374-2	TRIP BLANK	220772	11.10	1212564	12.42	1119390	16.34

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.: 280-25374-1

SDG No.:

Client Sample ID: 786VMP0202AE Lab Sample ID: 280-25374-1

Matrix: Air Lab File ID: cknw006.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 18:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.28	J M	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
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	0.034
76-13-1	Freon TF	187.38	0.071	J	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.79	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.59	J	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	4.4		0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.063	J M	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	2.4		0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.14	J	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.070	J	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: 786VMP0202AE Lab Sample ID: 280-25374-1

Matrix: Air Lab File ID: cknw006.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 18:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	4.2		0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.048	J M	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.25	J	0.50	0.026
108-88-3	Toluene	92.14	0.59		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.32		0.20	0.022
179601-23-1	m,p-Xylene	106.17	1.1		0.50	0.048
95-47-6	Xylene, o-	106.17	0.24		0.20	0.022
1330-20-7	Xylene (total)	106.17	1.3		0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.059	J M	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.052	J M	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	J	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: 786VMP0202AE Lab Sample ID: 280-25374-1

Matrix: Air Lab File ID: cknw006.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 18:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: 786VMP0202AE Lab Sample ID: 280-25374-1

Matrix: Air Lab File ID: cknw006.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 18:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.67	J M	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
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	0.19
76-13-1	Freon TF	187.38	0.55	J	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	1.9	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	1.4	J	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	15		1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.22	J M	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	12		0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.78	J	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.44	J	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: 786VMP0202AE Lab Sample ID: 280-25374-1

Matrix: Air Lab File ID: cknw006.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 18:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	22		1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.32	J M	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	1.0	J	2.0	0.11
108-88-3	Toluene	92.14	2.2		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	1.4		0.87	0.096
179601-23-1	m,p-Xylene	106.17	4.6		2.2	0.21
95-47-6	Xylene, o-	106.17	1.1		0.87	0.096
1330-20-7	Xylene (total)	106.17	5.7		0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.29	J M	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.26	J M	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.62	J	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: 786VMP0202AE Lab Sample ID: 280-25374-1

Matrix: Air Lab File ID: cknw006.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 18:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25374-1
Client Smp ID: 786VMP0202AE
Inj Date : 13-FEB-2012 18:15
Operator : wrd Inst ID: C.i
Smp Info : 280-25374-A-1
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknwto15.b/to15v5.m
Meth Date : 14-Feb-2012 16:11 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	5.052	5.057	(0.455)	38983	0.50034	0.50
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	5.714	5.730	(0.515)	13314	0.28308	0.28(aQM)
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	7.133	7.149	(0.643)	18206	0.23069	0.23
17 1,1,2-Trichloro-1,2,2-trifluo	101	7.993	8.014	(0.720)	3926	0.07136	0.071(aQ)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.222	8.211	(0.741)	30943	0.78563	0.79(a)
21 Carbon disulfide	76	Compound Not Detected.					

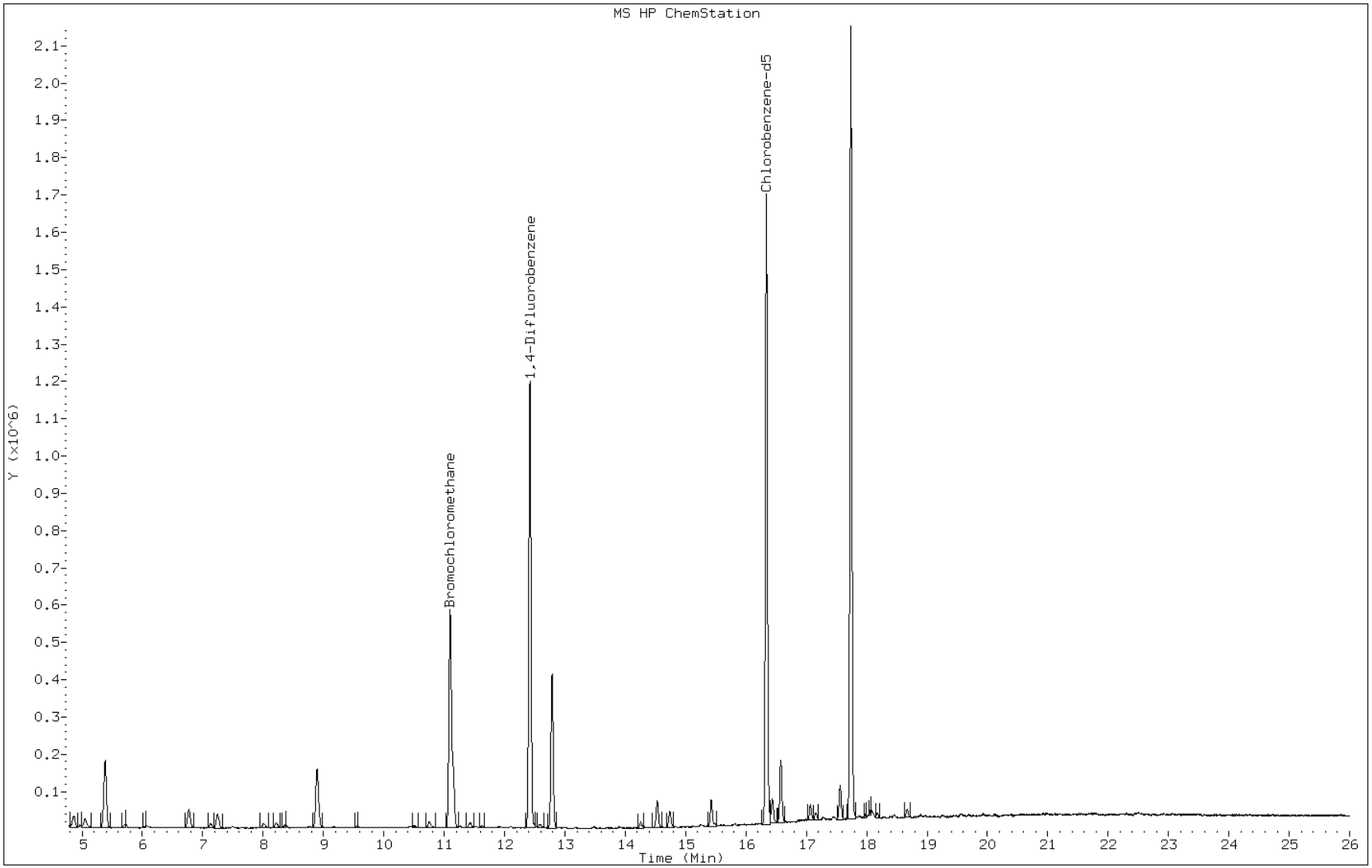
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
22	Isopropanol	45	8.366	8.350	(0.754)	15891	0.58793	0.59(a)
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	8.894	8.910	(0.801)	129182	4.36394	4.4
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	9.556	9.572	(0.861)	3047	0.06340	0.063(aM)
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	11.099	11.125	(1.000)	241506	10.0000	(Q)
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	11.152	11.173	(1.005)	151640	2.39699	2.4
40	Cyclohexane	84	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	11.430	11.451	(0.920)	9719	0.14261	0.14(a)
42	Carbon tetrachloride	117	11.616	11.648	(0.935)	4838	0.06970	0.070(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	12.422	12.443	(1.000)	1331876	10.0000	
49	Trichloroethene	95	12.790	12.812	(1.030)	176676	4.15494	4.2
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	13.474	13.505	(1.085)	3189	0.04756	0.048(aM)
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	14.253	14.269	(1.147)	14510	0.25433	0.25(a)
58	Toluene	92	14.530	14.557	(0.889)	41034	0.59310	0.59
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	16.339	16.366	(1.000)	1246112	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	16.441	16.462	(1.006)	49042	0.32021	0.32
69	Xylene (m,p)	106	16.580	16.601	(1.015)	63745	1.05886	1.1
M 70	Xylenes, Total	106				77785	1.30335	1.3
71	Xylene (o)	106	17.065	17.092	(1.044)	14040	0.24449	0.24
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	18.095	18.127	(1.107)	10091	0.05881	0.059(aM)
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	18.181	18.197	(1.113)	7728	0.05242	0.052(aM)
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	18.672	18.693	(1.143)	17969	0.12669	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.
M - Compound response manually integrated.

Data File:	cknw006.d	Date:	13-FEB-2012 18:15
Client ID:	786VMP0202AE	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25374-A-1		
Lab Sample ID:	280-25374-1		



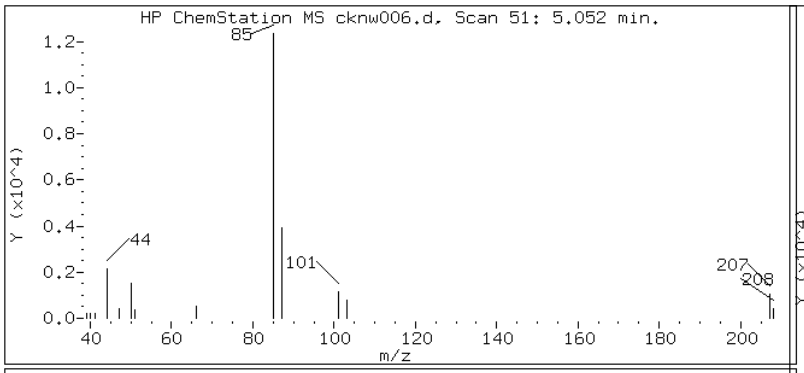
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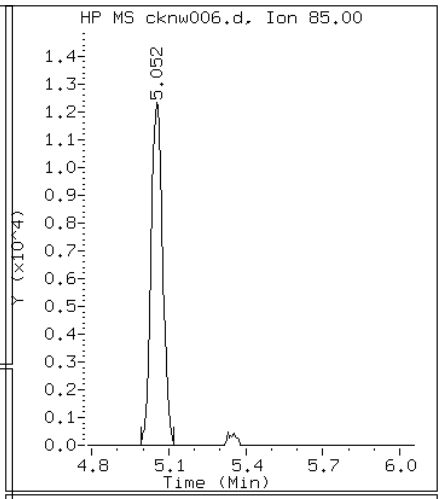
Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

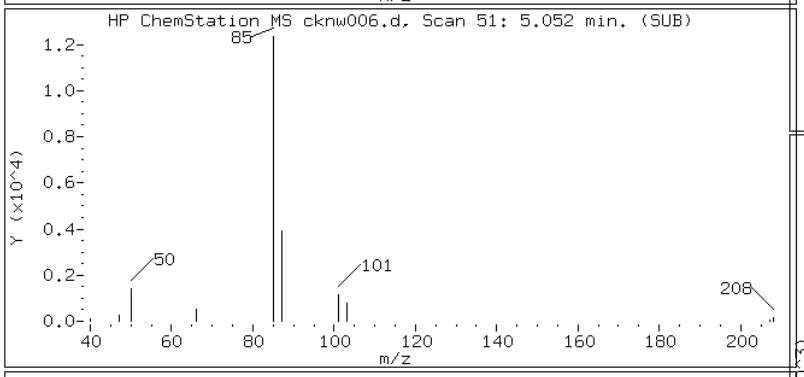
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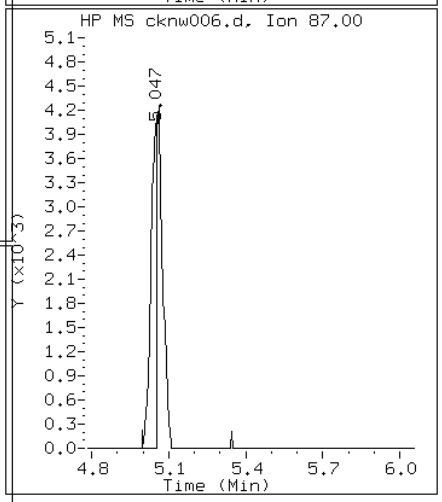
Sample Info: 280-25374-A-1 Operator: wrd

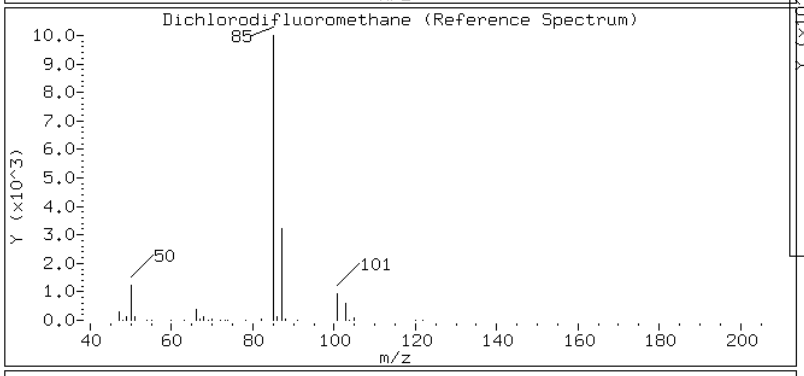
2 Dichlorodifluoromethane

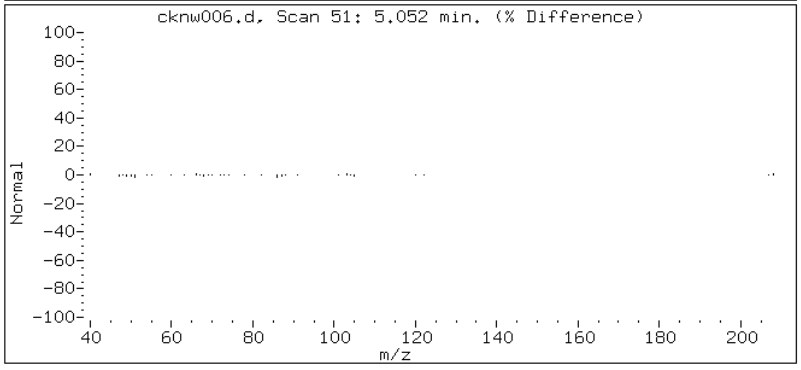












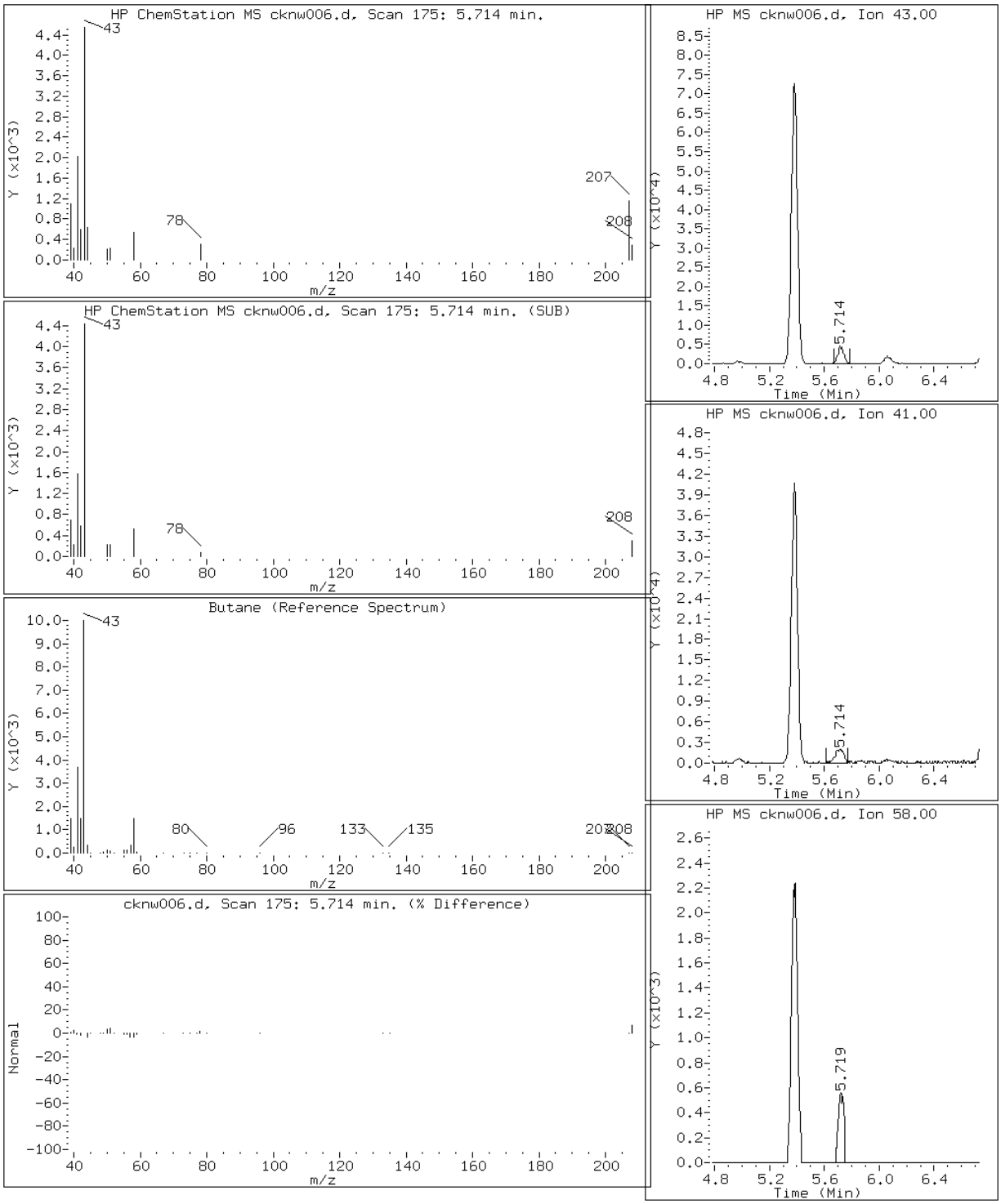
Data File: cknw006.d

Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

6 Butane



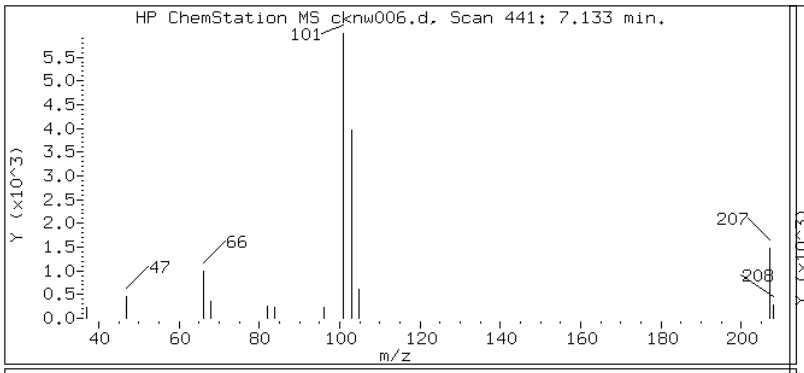
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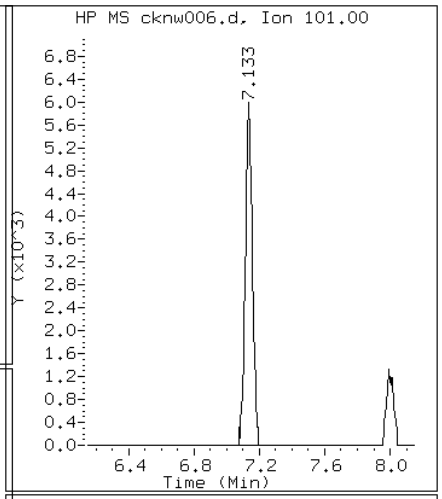
Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

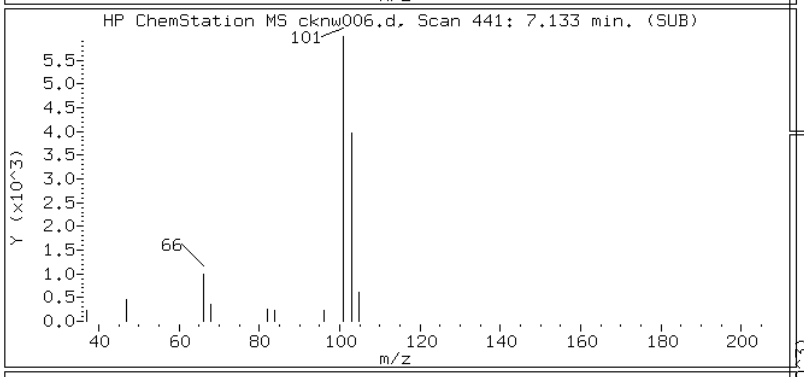
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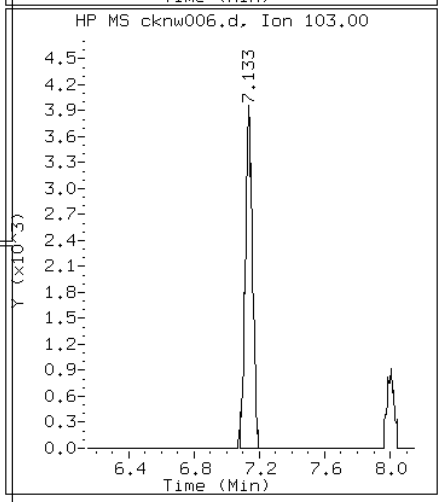
Sample Info: 280-25374-A-1 Operator: wrd

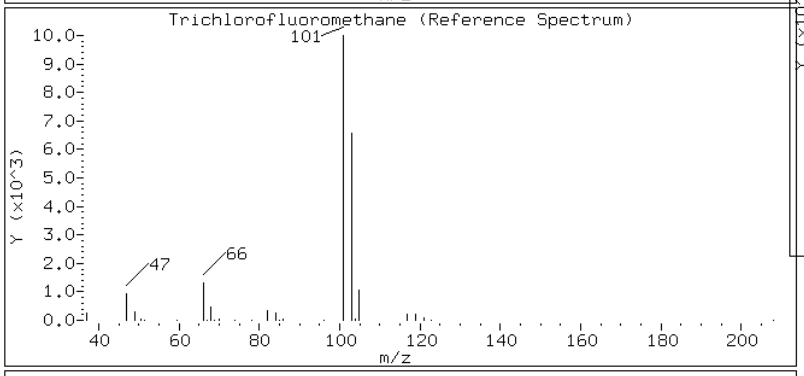
13 Trichlorofluoromethane

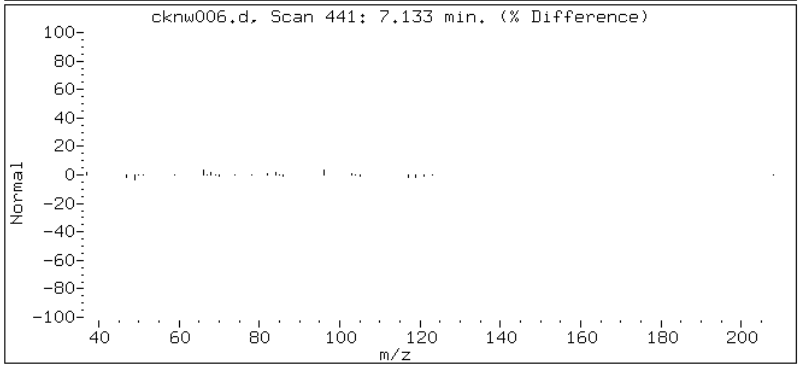












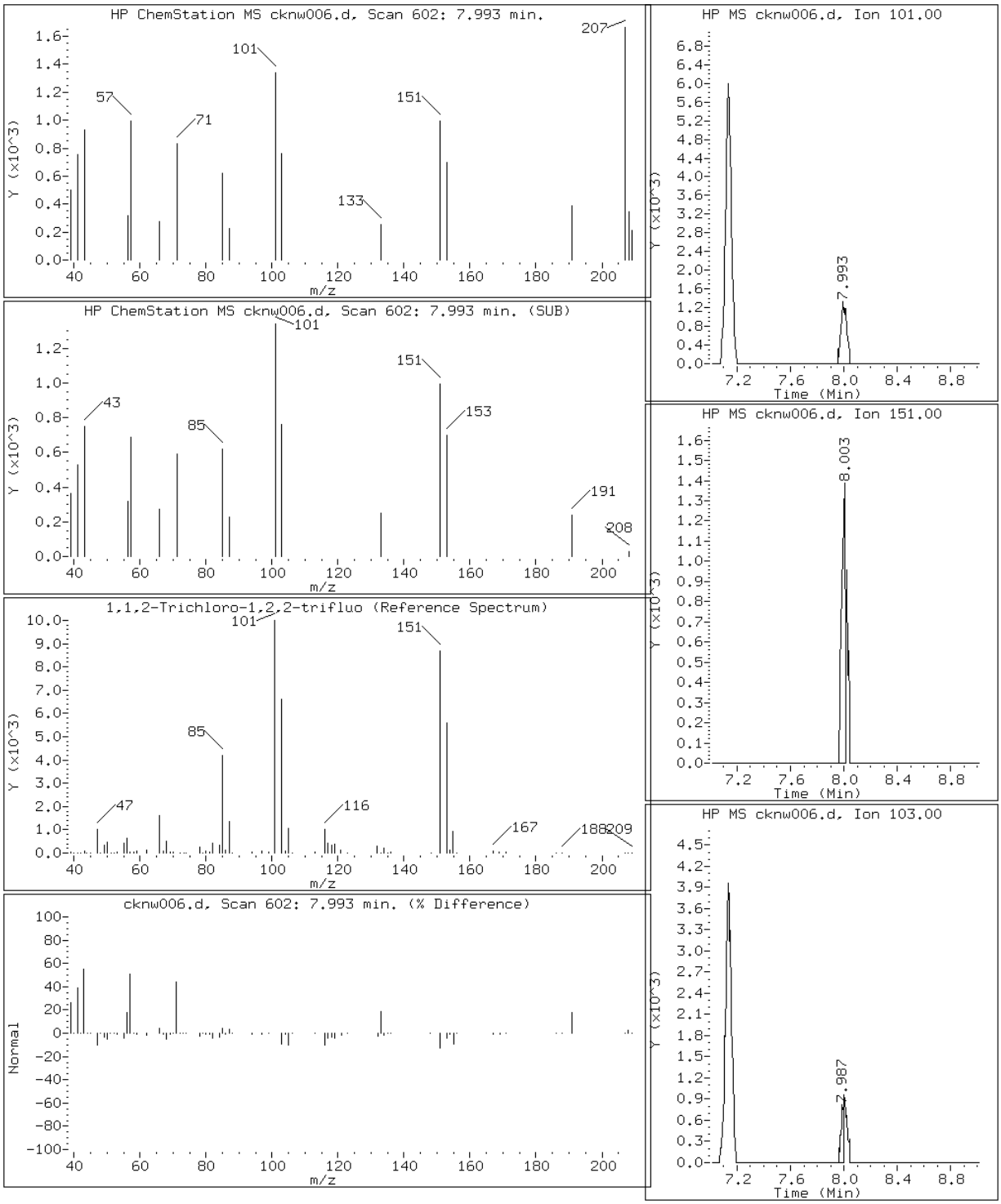
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

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



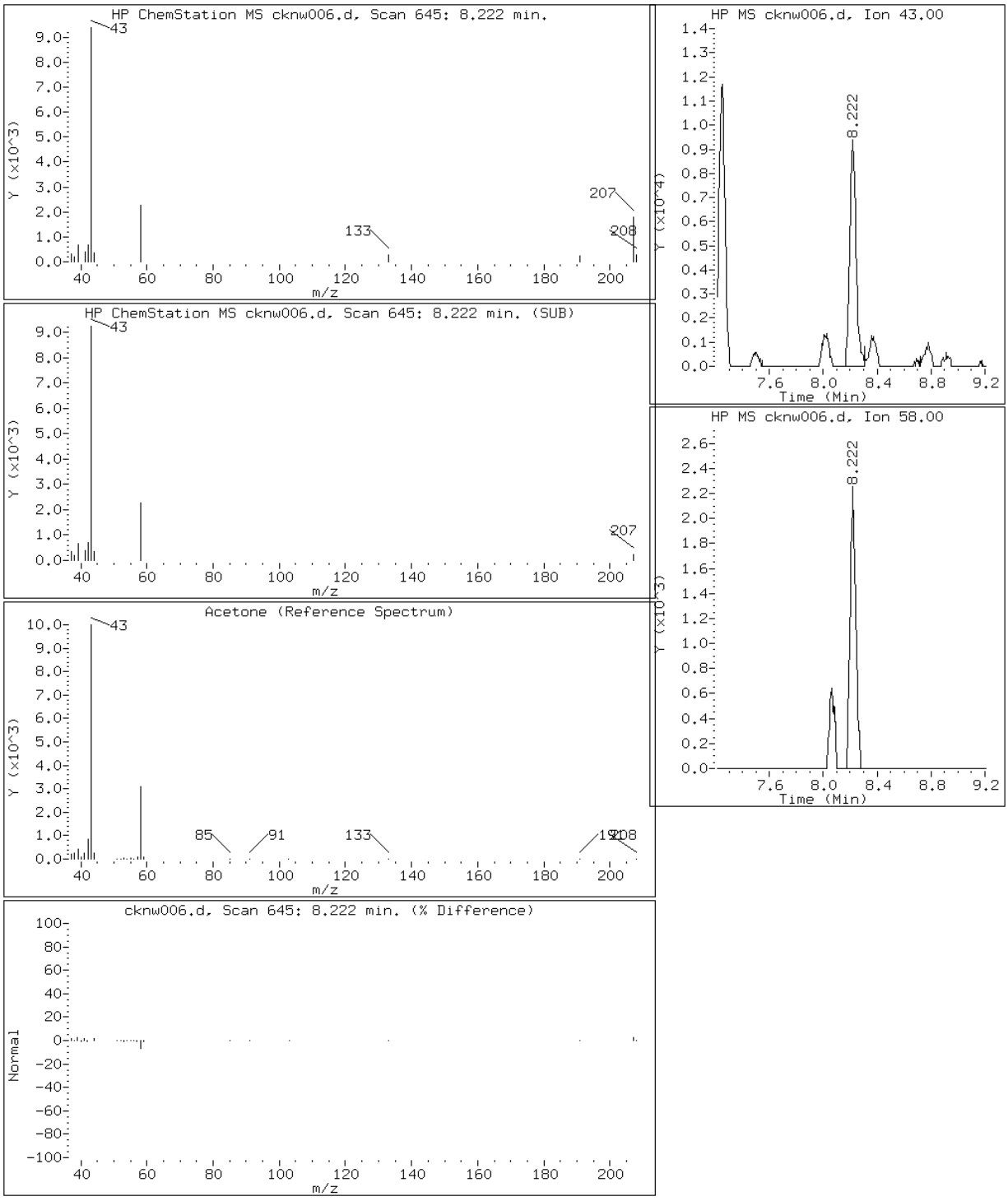
Data File: cknw006.d

Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

20 Acetone



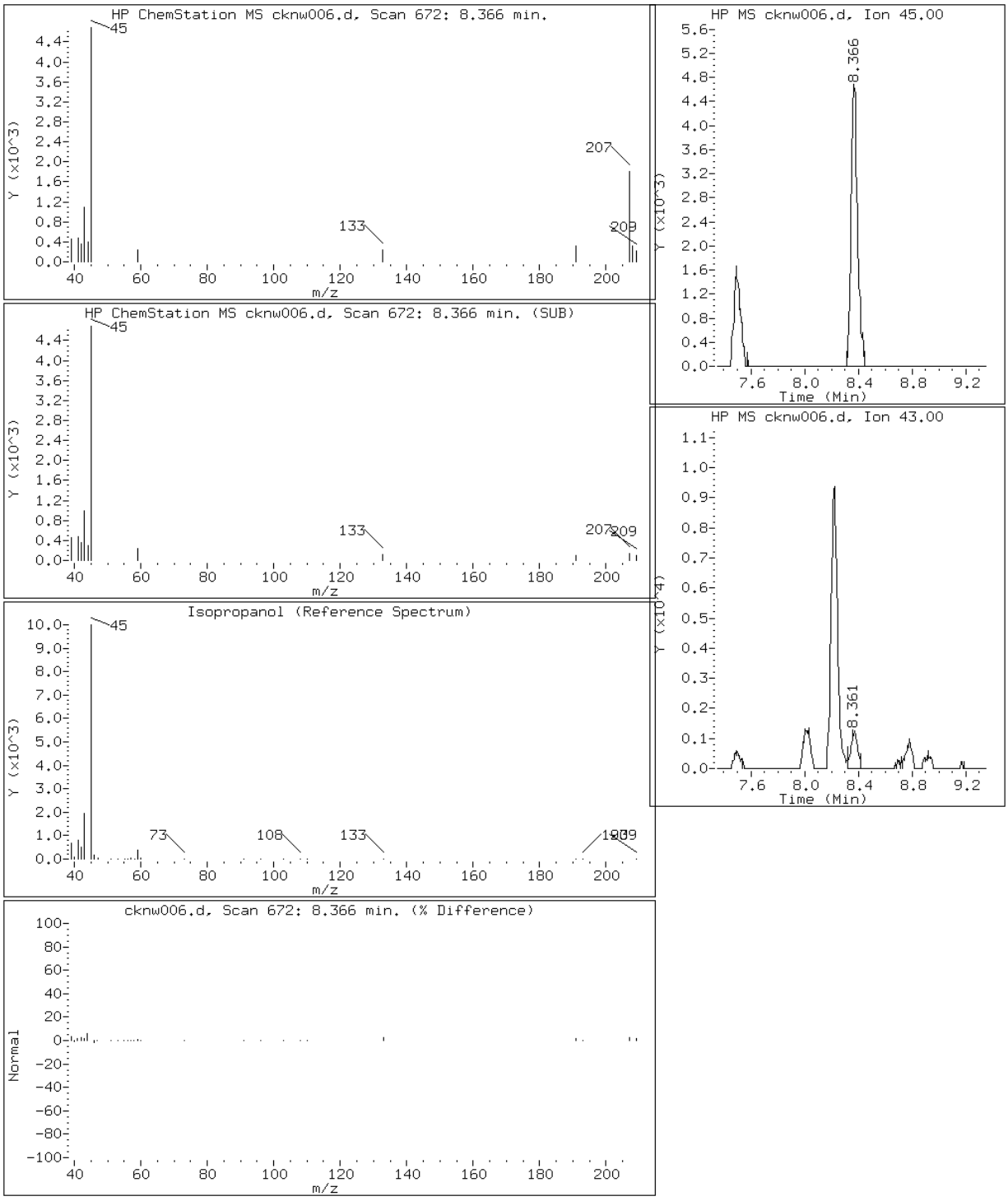
Data File: cknw006.d

Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

22 Isopropanol



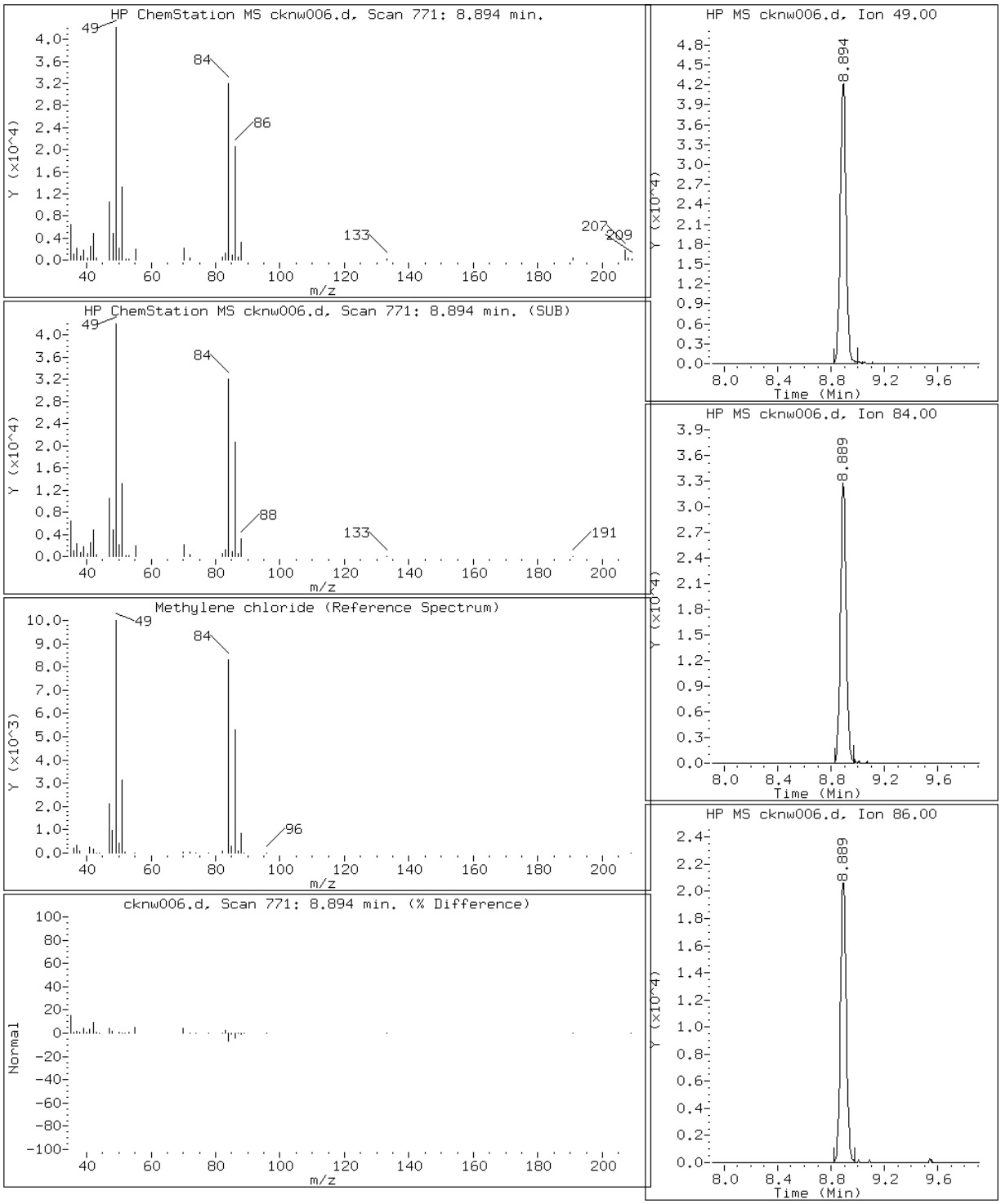
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

25 Methylene chloride



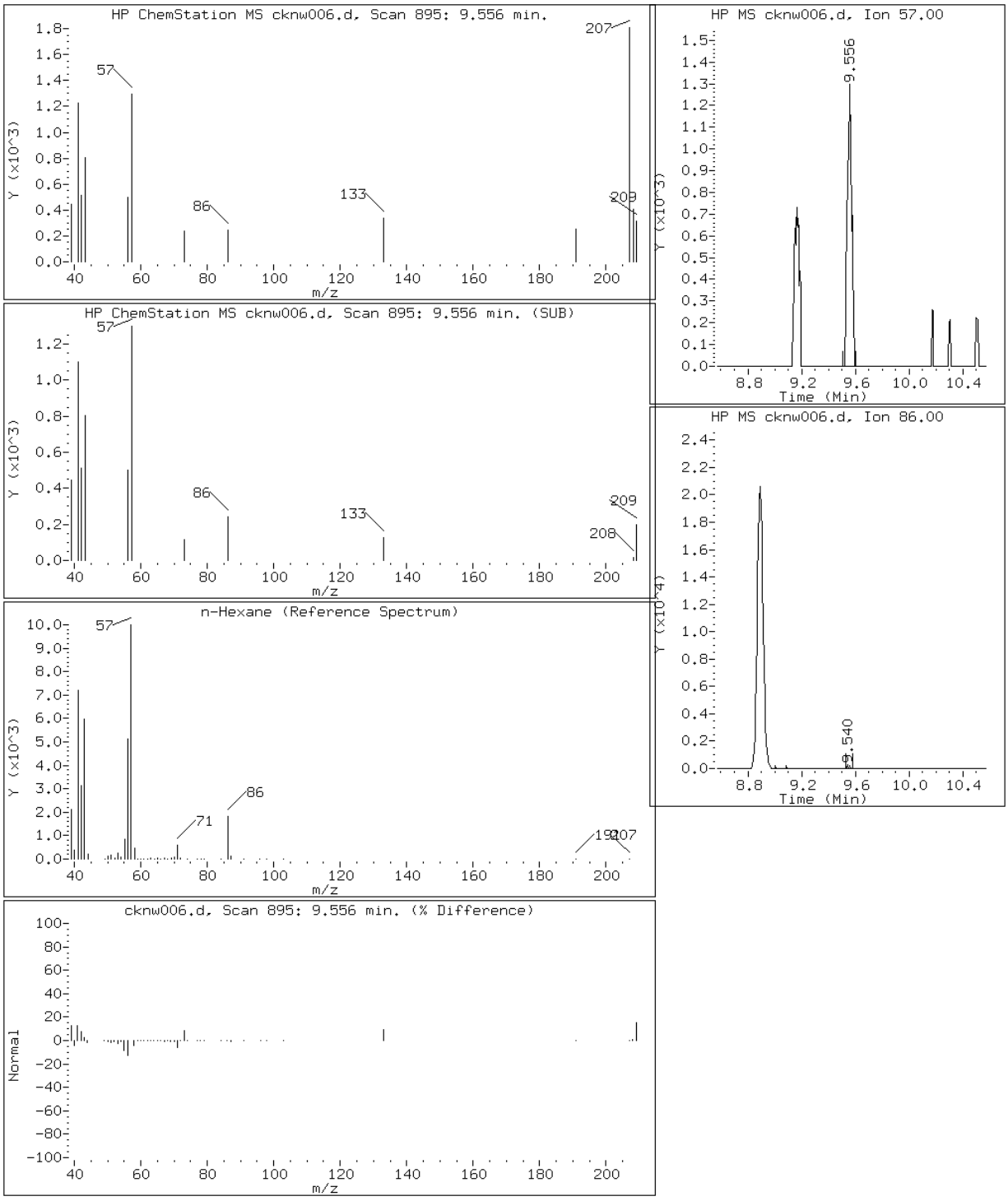
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

30 n-Hexane



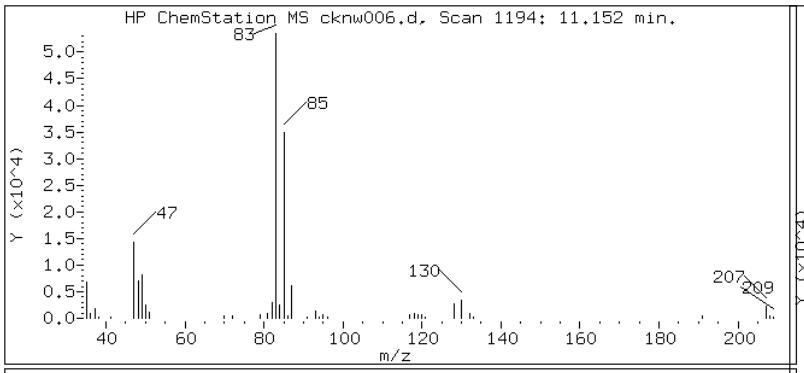
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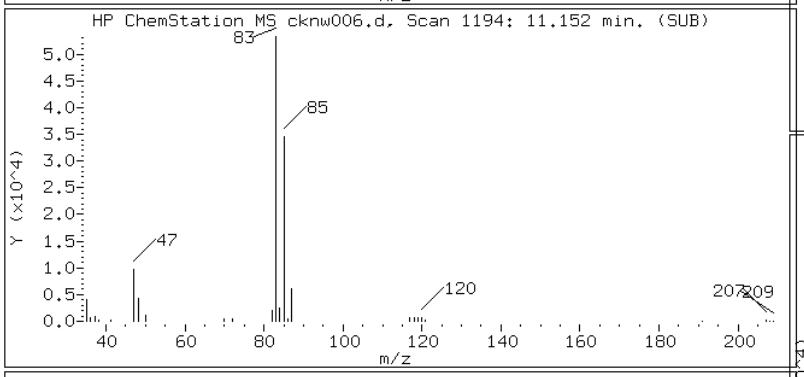
Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

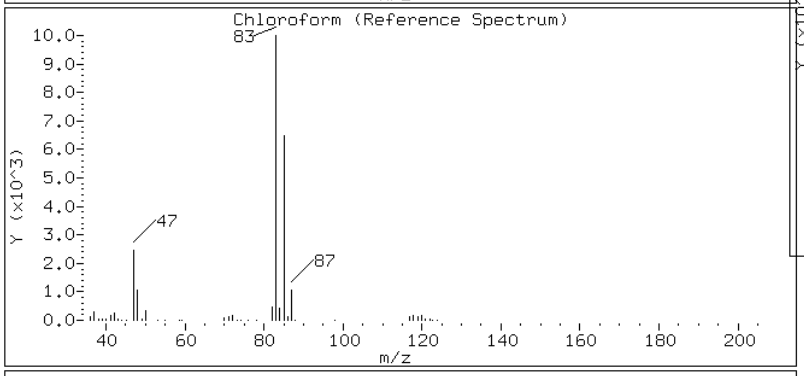
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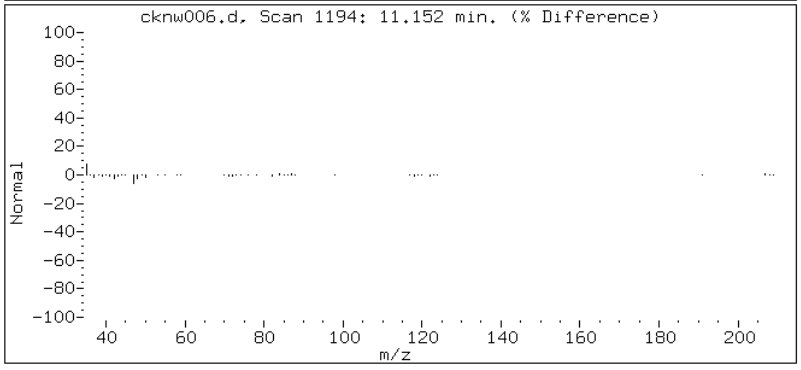
Sample Info: 280-25374-A-1 Operator: wrd

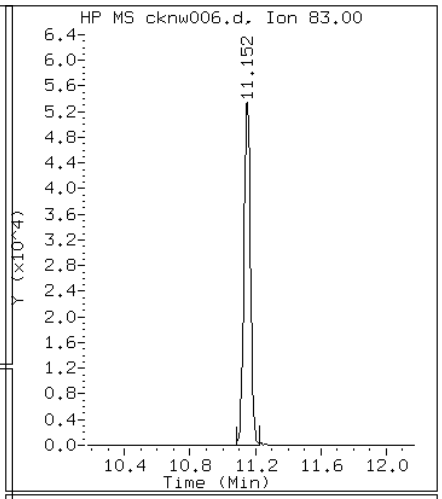
39 Chloroform

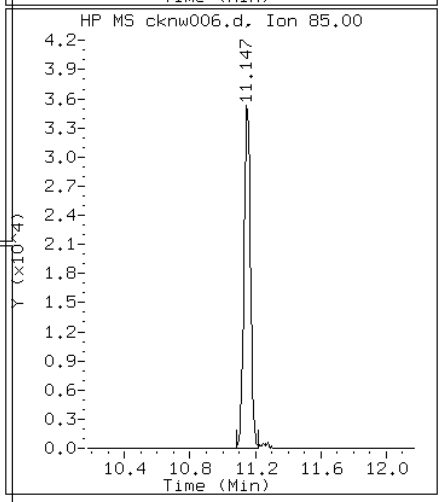












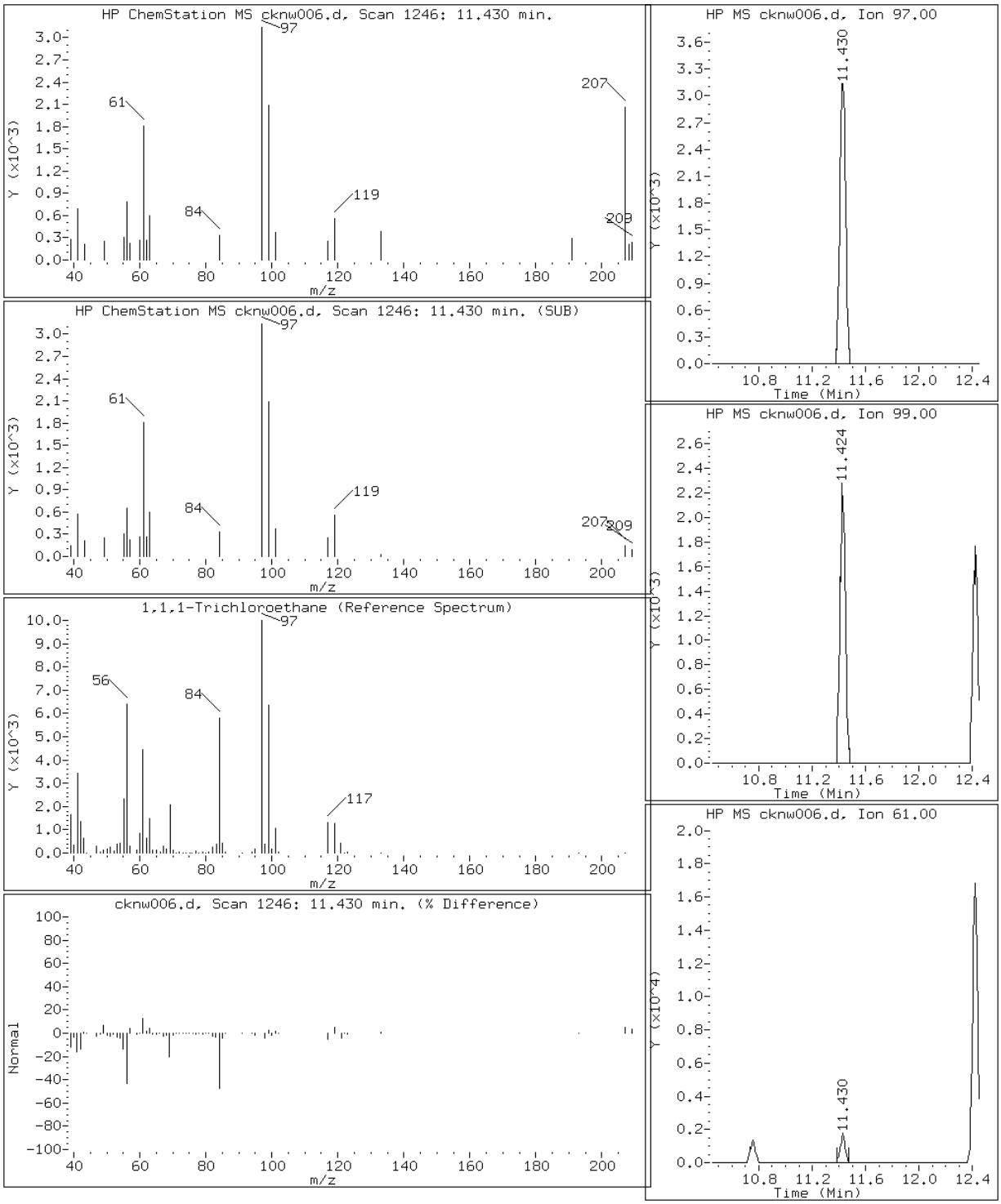
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

41 1,1,1-Trichloroethane



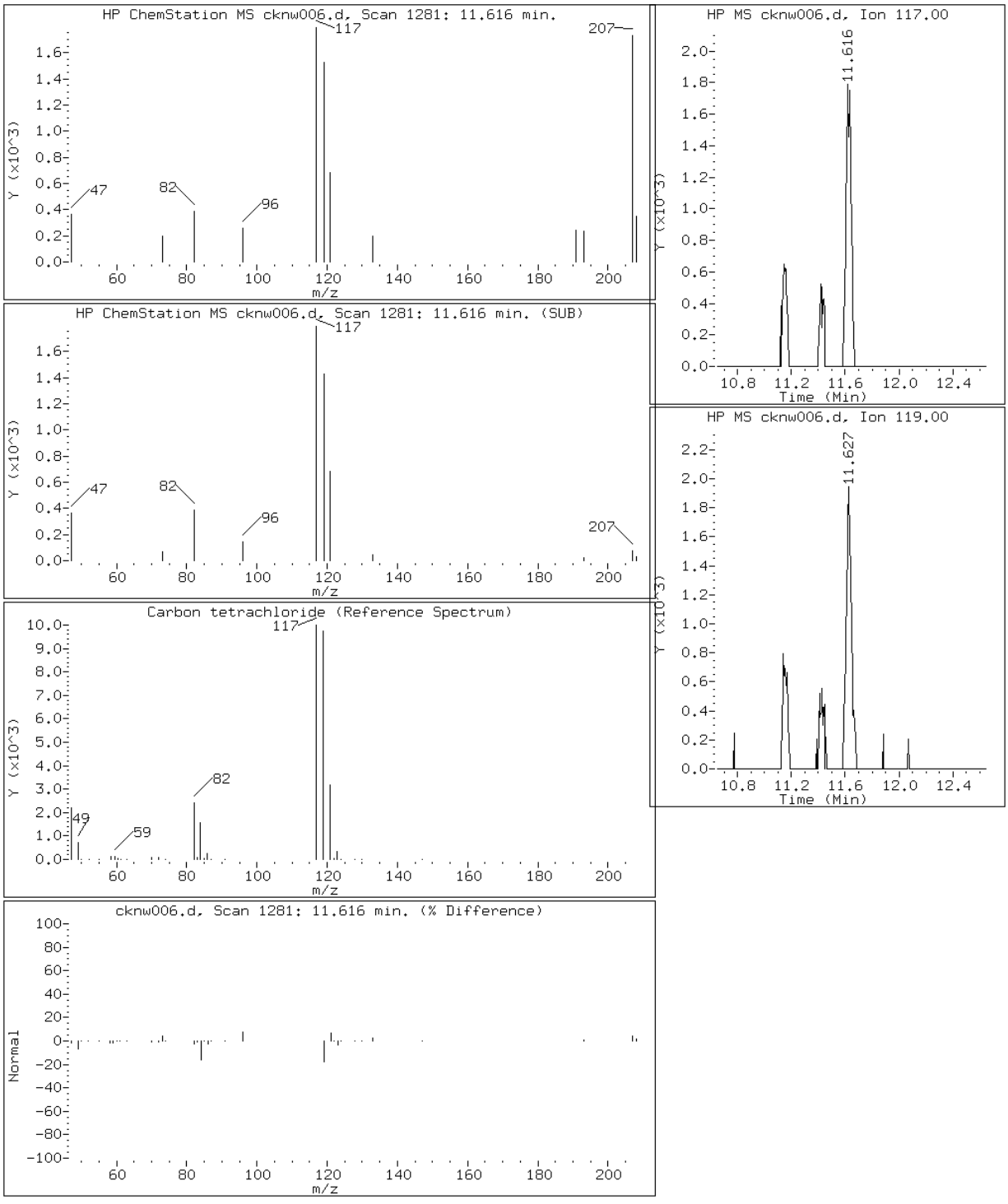
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

42 Carbon tetrachloride



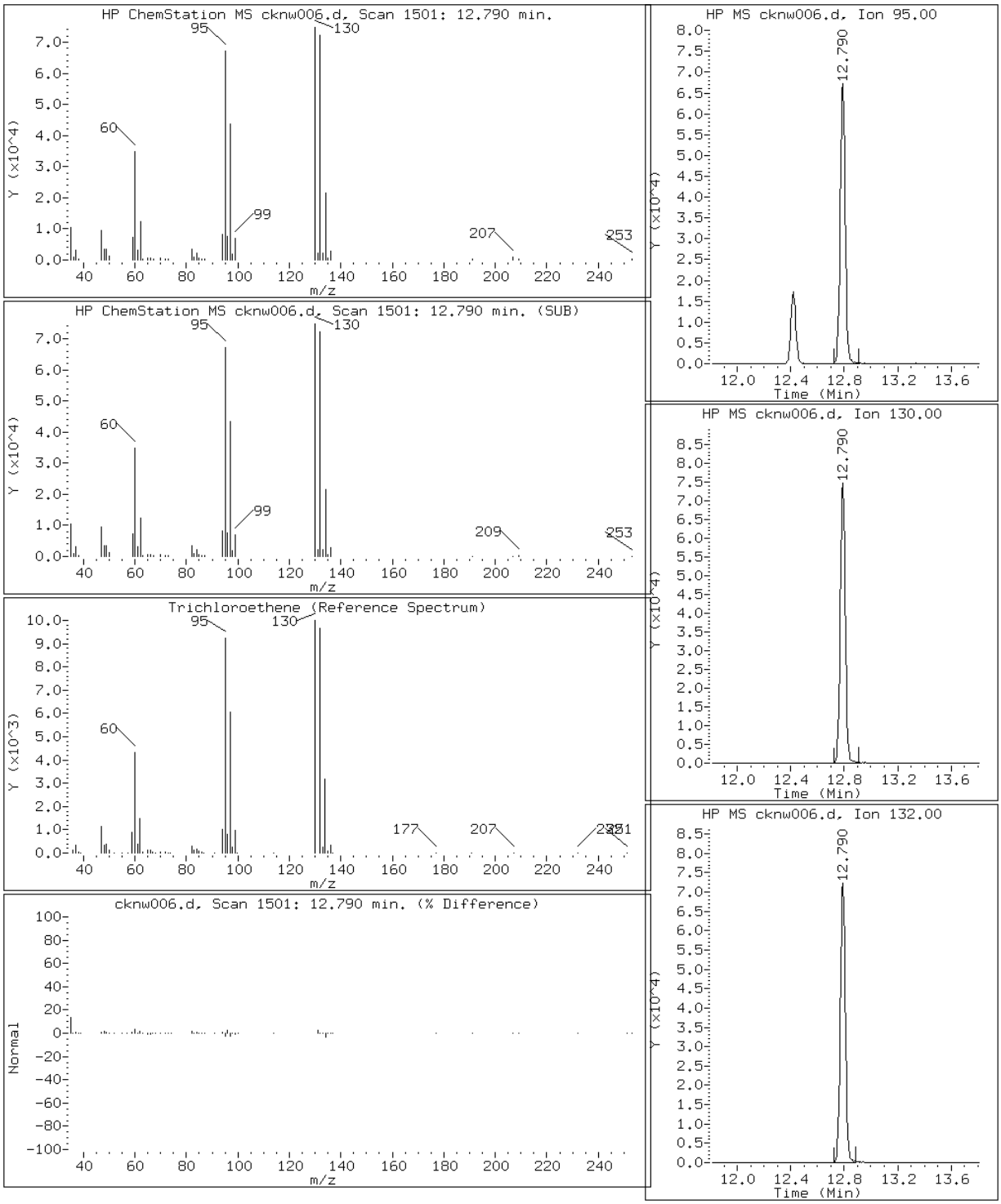
Data File: cknw006.d

Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

49 Trichloroethene



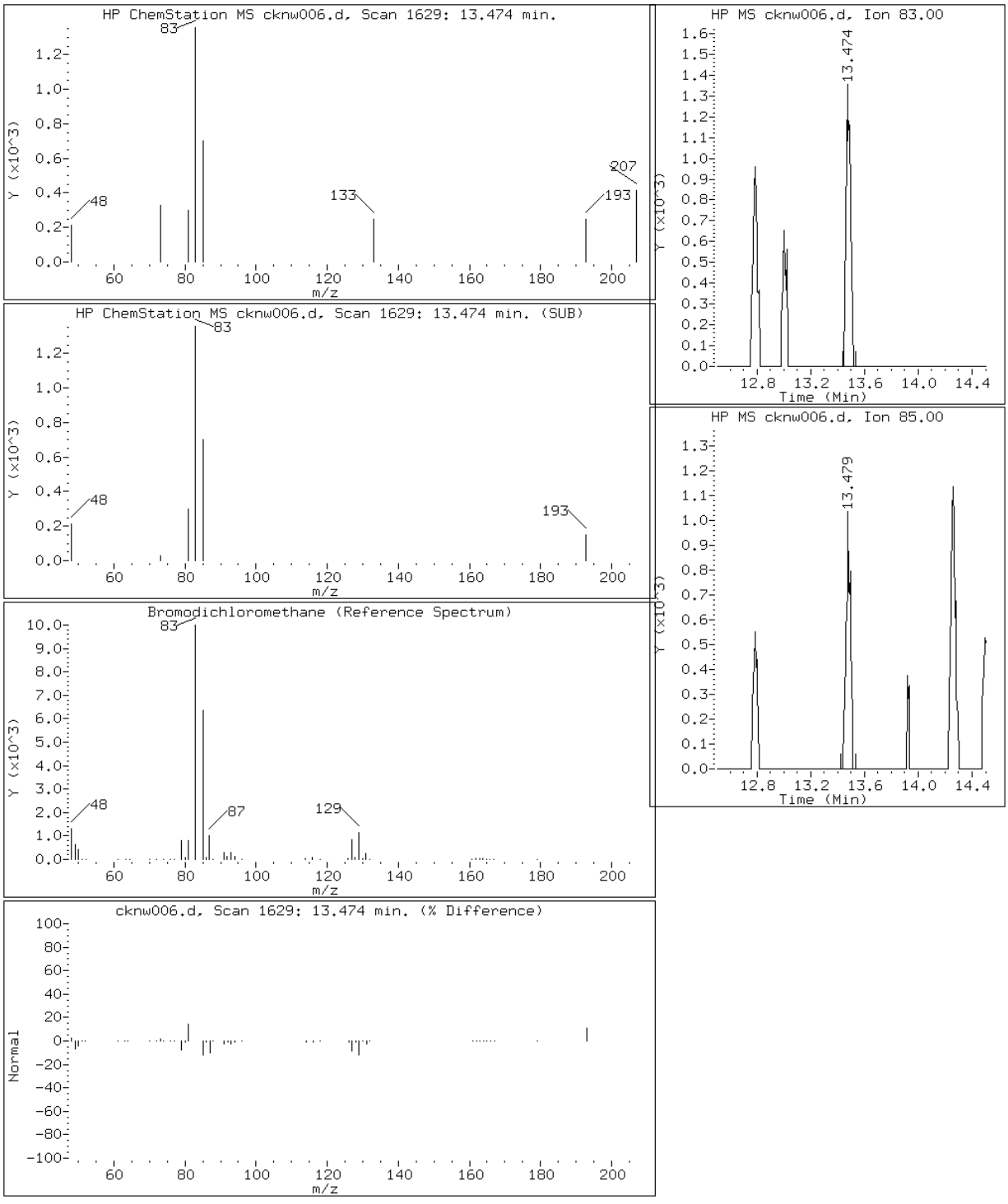
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

54 Bromodichloromethane



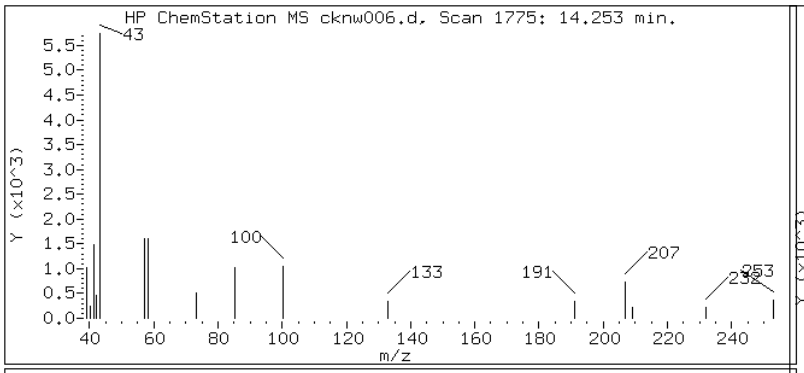
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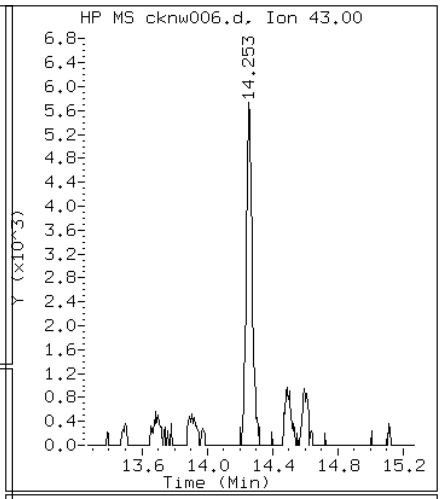
Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

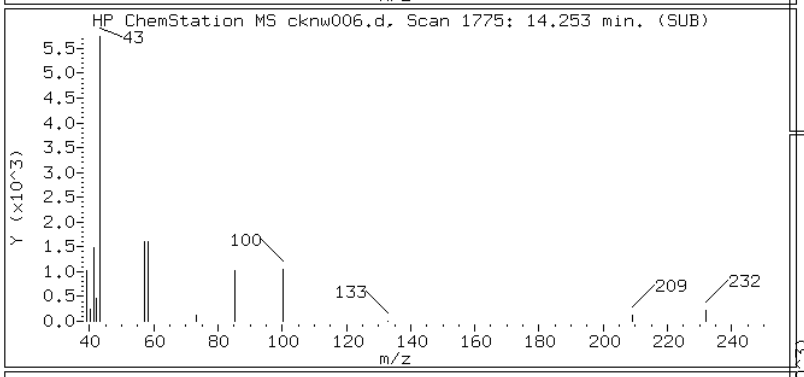
Client ID: 786VMP0202AE Instrument: C.i

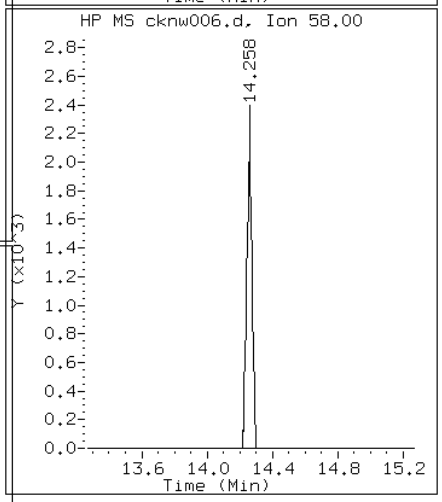
Sample Info: 280-25374-A-1 Operator: wrd

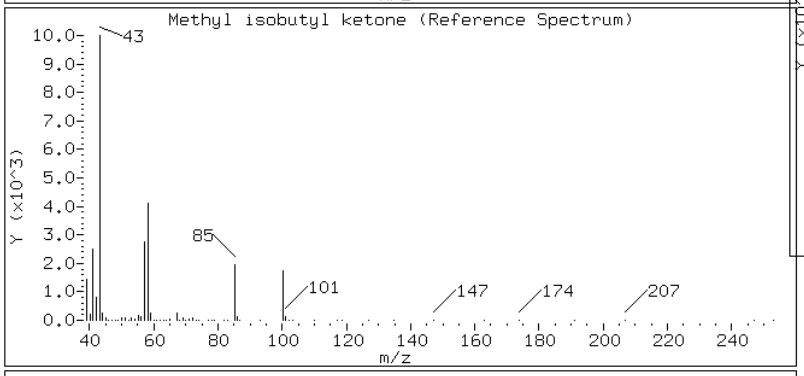
56 Methyl isobutyl ketone

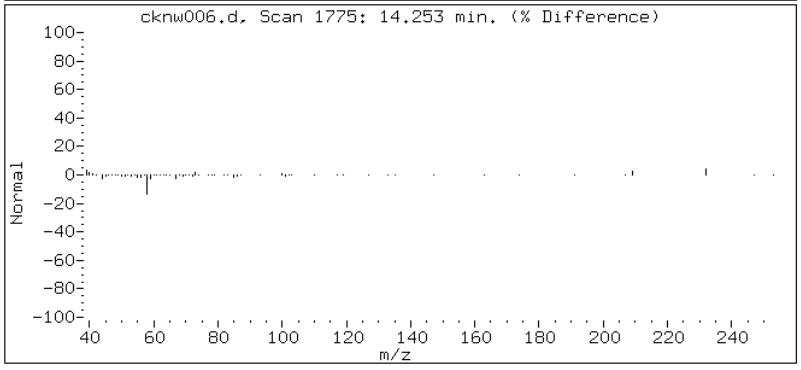












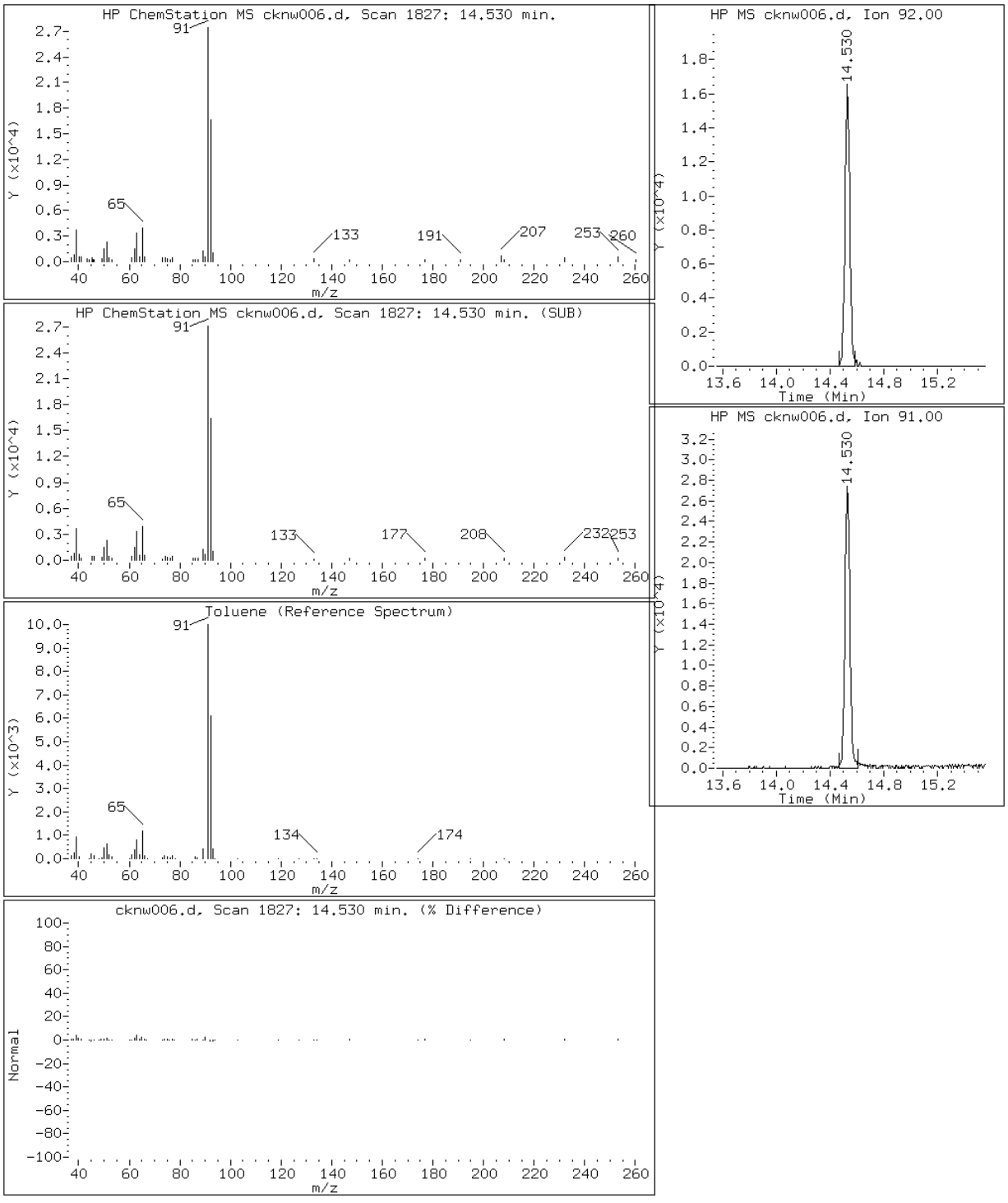
Data File: cknw006.d

Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

58 Toluene



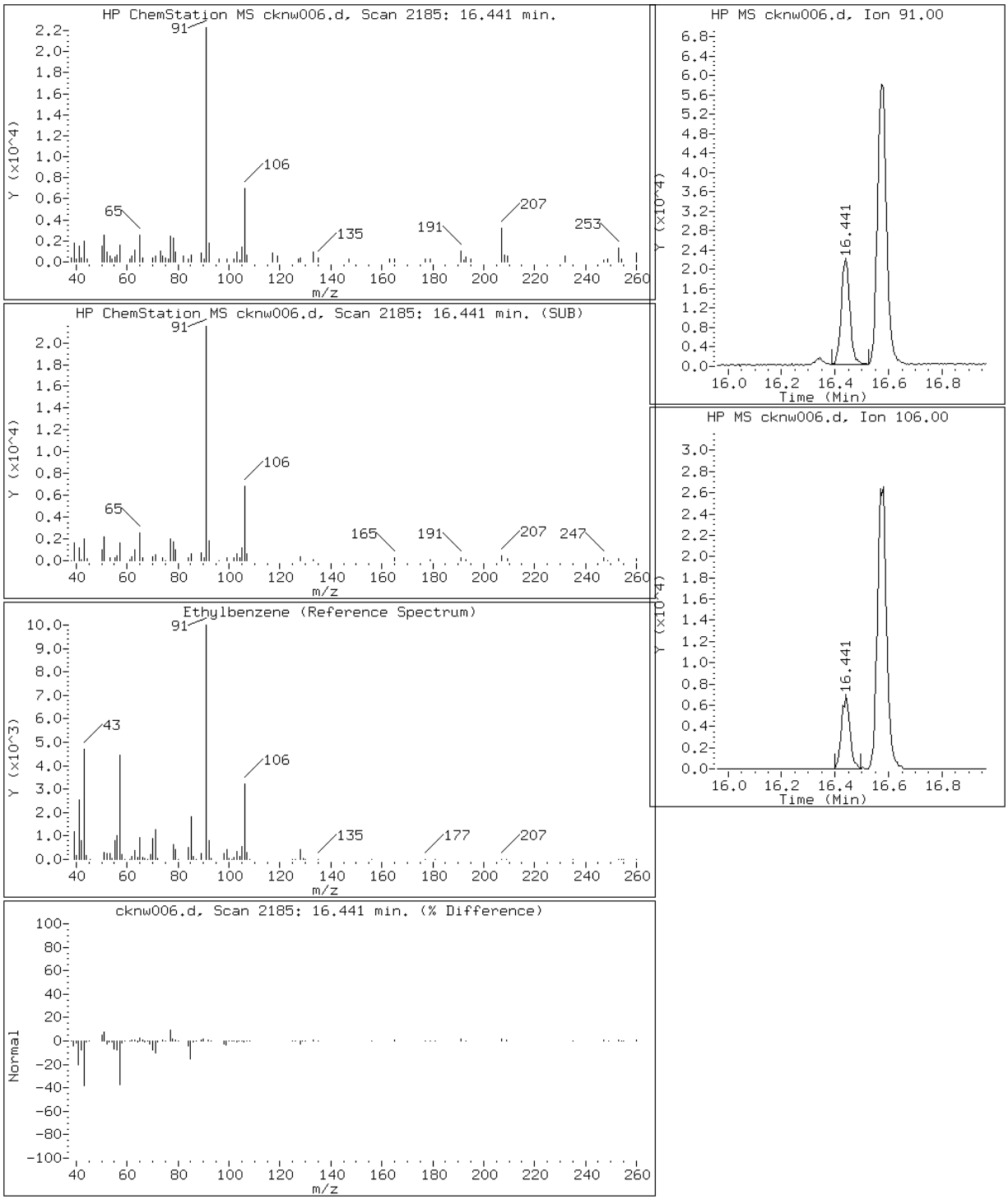
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

68 Ethylbenzene



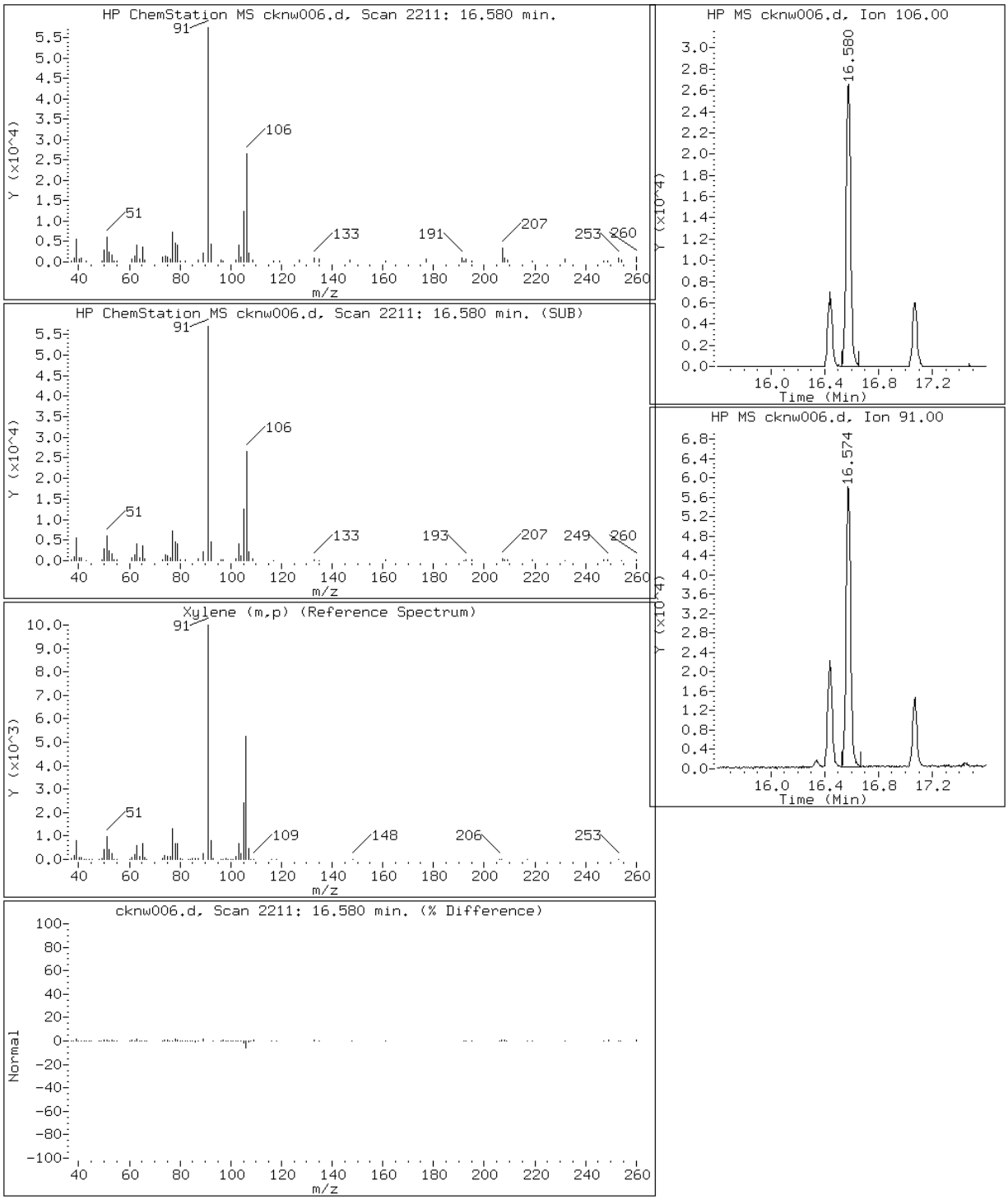
Data File: cknw006.d

Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

69 Xylene (m,p)



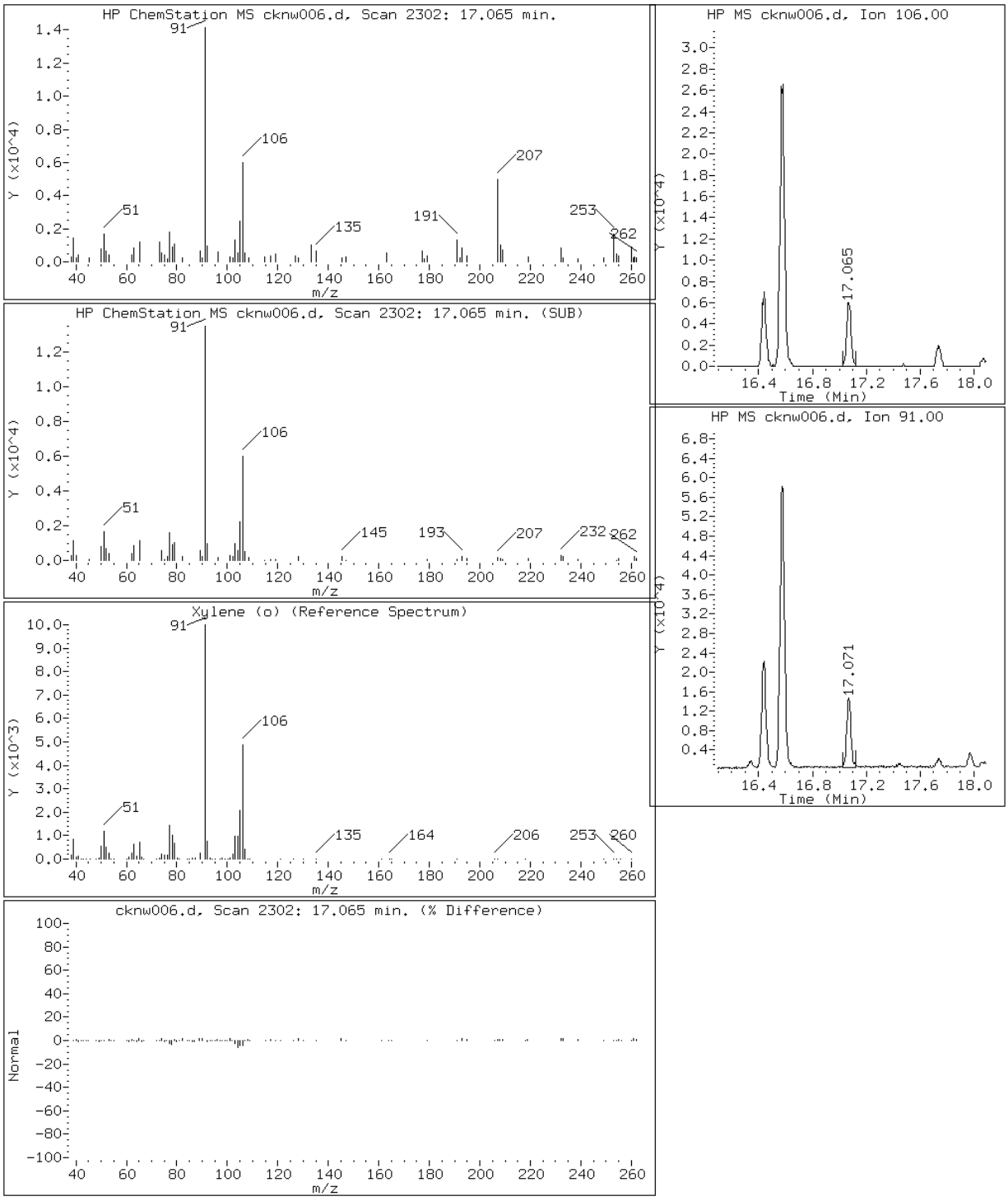
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

71 Xylene (o)



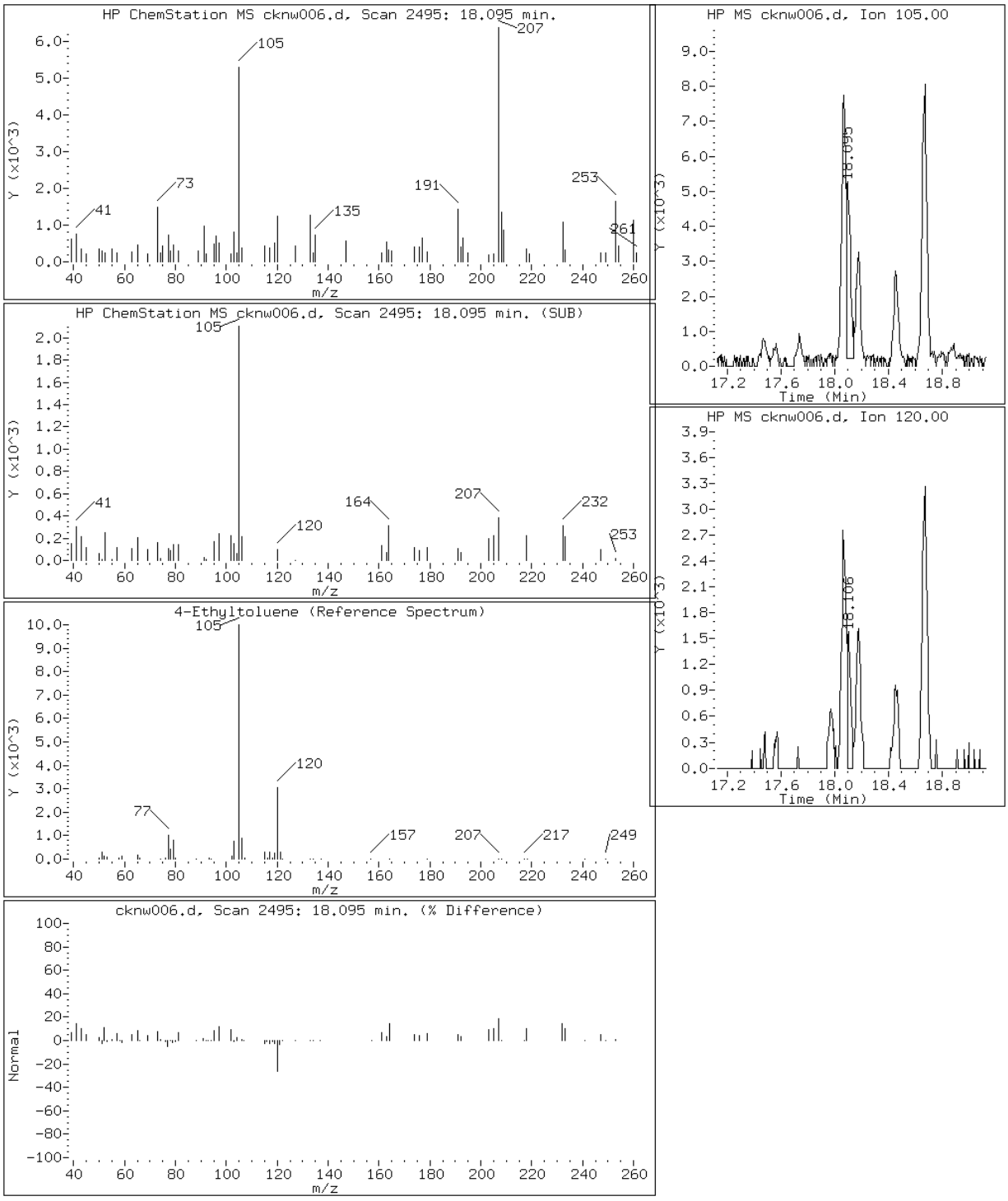
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

79 4-Ethyltoluene



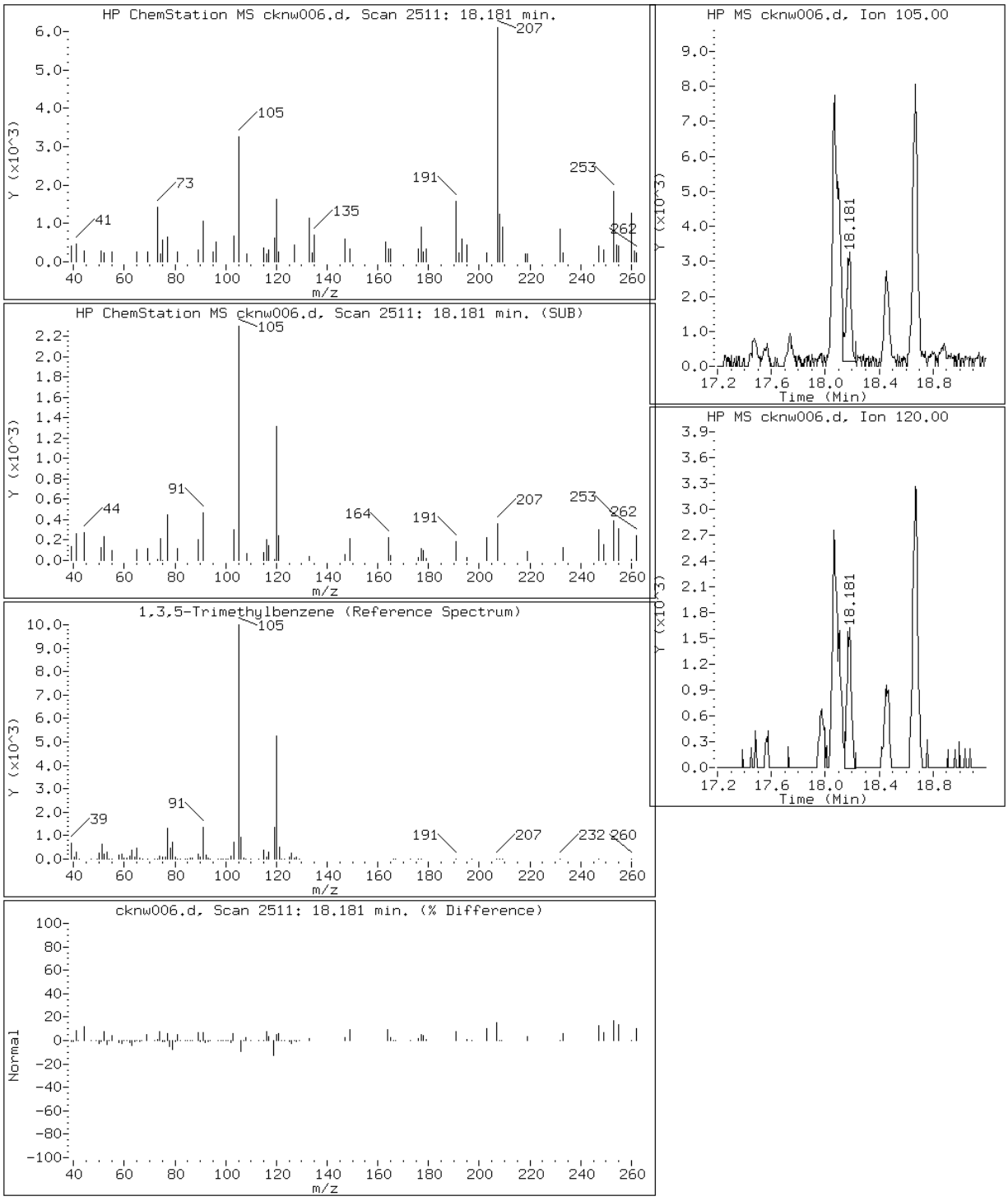
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Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

81 1,3,5-Trimethylbenzene



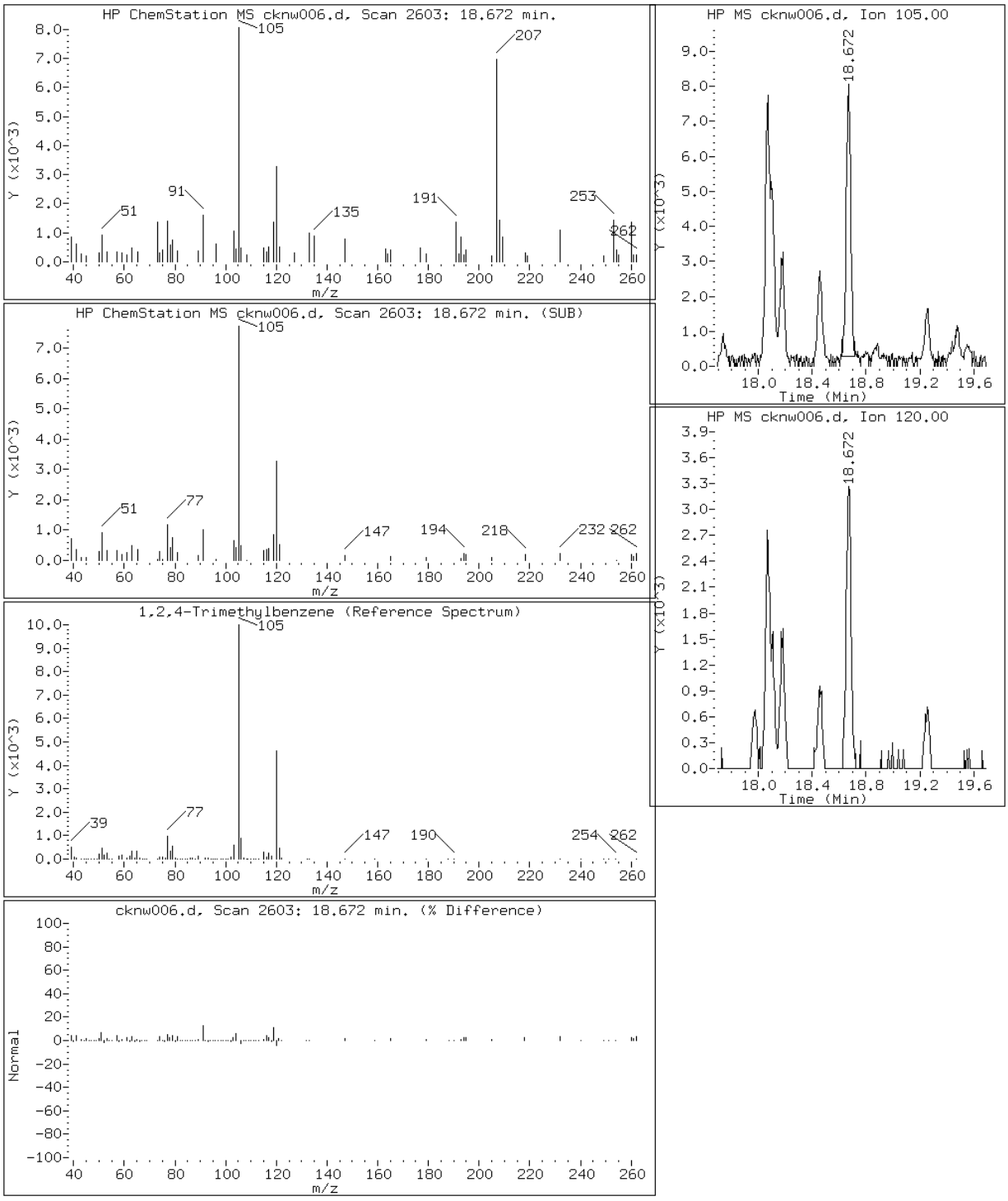
Data File: cknw006.d

Lab Sample ID: 280-25374-1 Date: 13-FEB-2012 18:15

Client ID: 786VMP0202AE Instrument: C.i

Sample Info: 280-25374-A-1 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: cknw006.d
Lab Sample ID: 280-25374-1
Inj. Date and Time: 13-FEB-2012 18:15
Instrument ID: C.i
Client ID: 786VMP0202AE
Compound: 6 Butane
CAS #: 106-97-8
Report Date: 02/14/2012

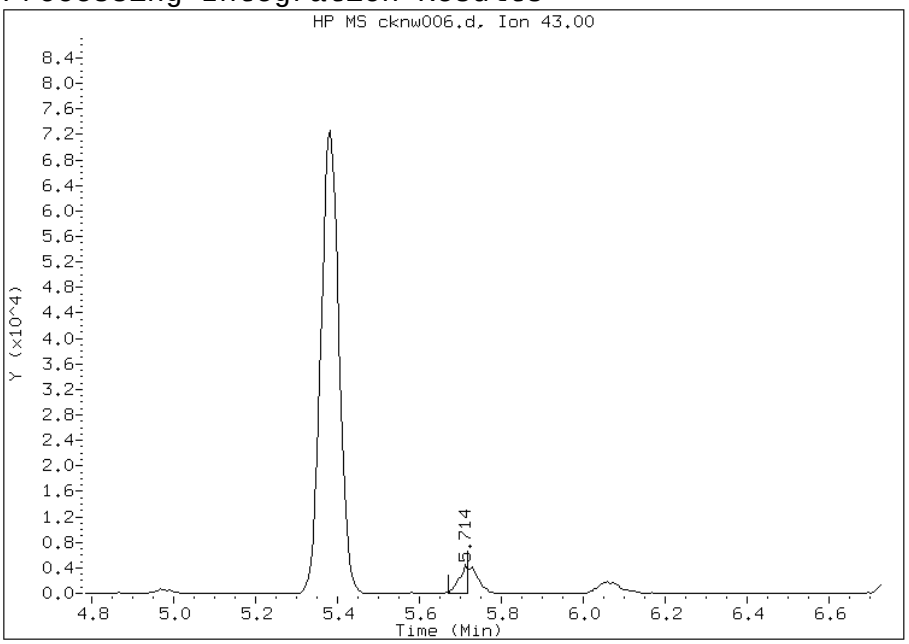
Processing Integration Results

RT: 5.71

Response: 6758

Amount: 0.143692

Conc: 0.143692



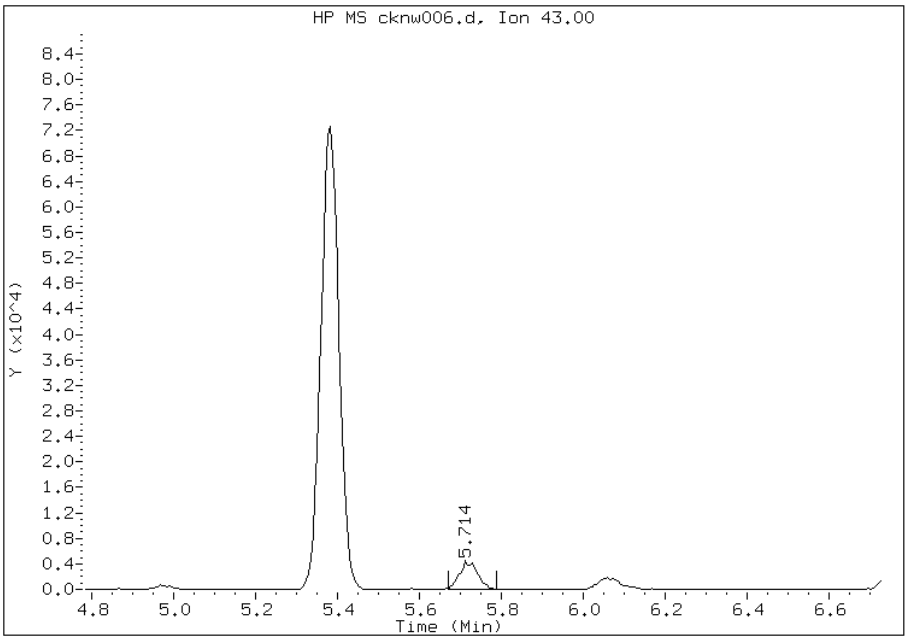
Manual Integration Results

RT: 5.71

Response: 13314

Amount: 0.283077

Conc: 0.283077



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknw006.d
Lab Sample ID: 280-25374-1
Inj. Date and Time: 13-FEB-2012 18:15
Instrument ID: C.i
Client ID: 786VMP0202AE
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 02/14/2012

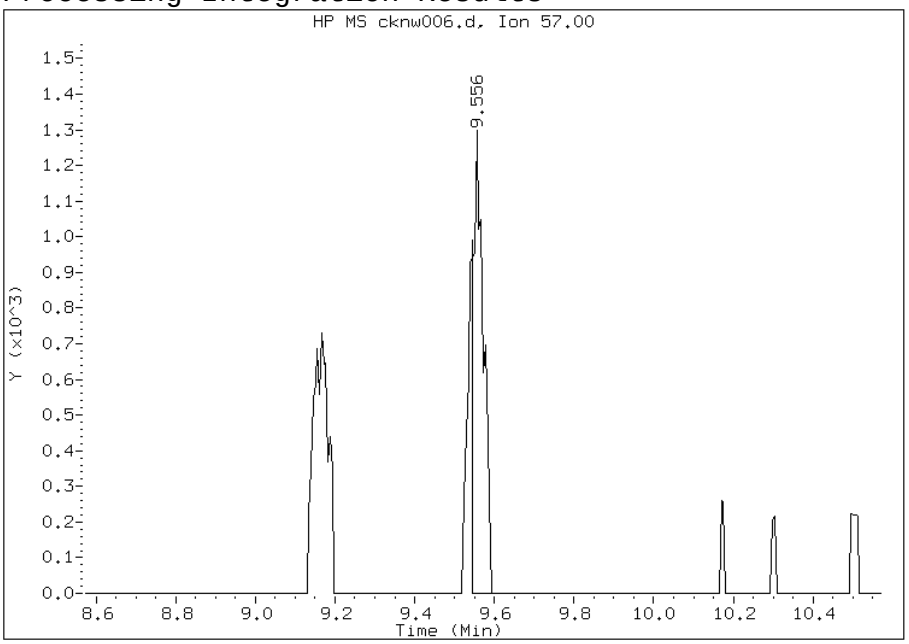
Processing Integration Results

RT: 9.56

Response: 2330

Amount: 0.048477

Conc: 0.048477



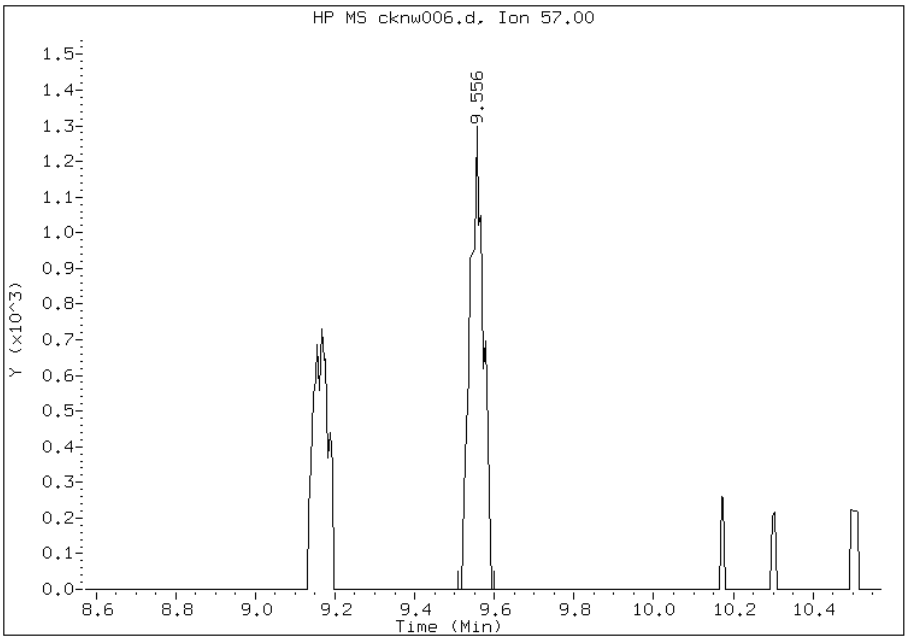
Manual Integration Results

RT: 9.56

Response: 3047

Amount: 0.063395

Conc: 0.063395



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknw006.d
Lab Sample ID: 280-25374-1
Inj. Date and Time: 13-FEB-2012 18:15
Instrument ID: C.i
Client ID: 786VMP0202AE
Compound: 54 Bromodichloromethane
CAS #: 75-27-4
Report Date: 02/14/2012

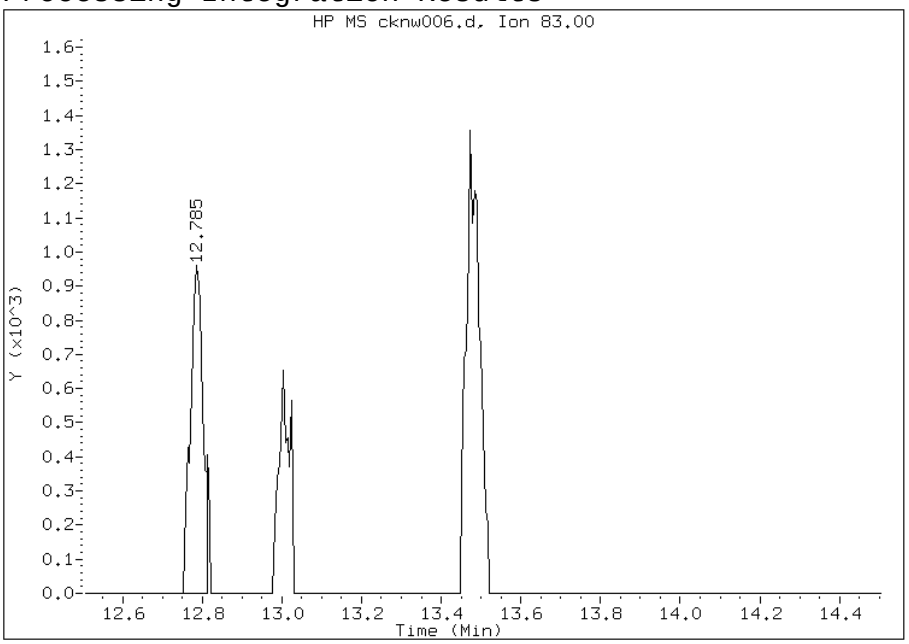
Processing Integration Results

RT: 12.79

Response: 2072

Amount: 0.030899

Conc: 0.030899



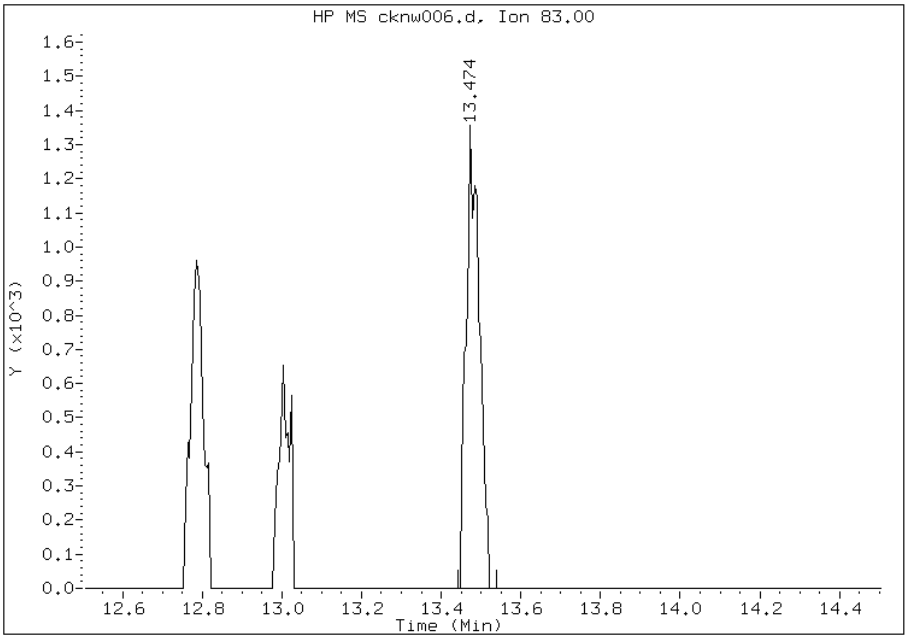
Manual Integration Results

RT: 13.47

Response: 3189

Amount: 0.047557

Conc: 0.047557



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: cknw006.d
Lab Sample ID: 280-25374-1
Inj. Date and Time: 13-FEB-2012 18:15
Instrument ID: C.i
Client ID: 786VMP0202AE
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 02/14/2012

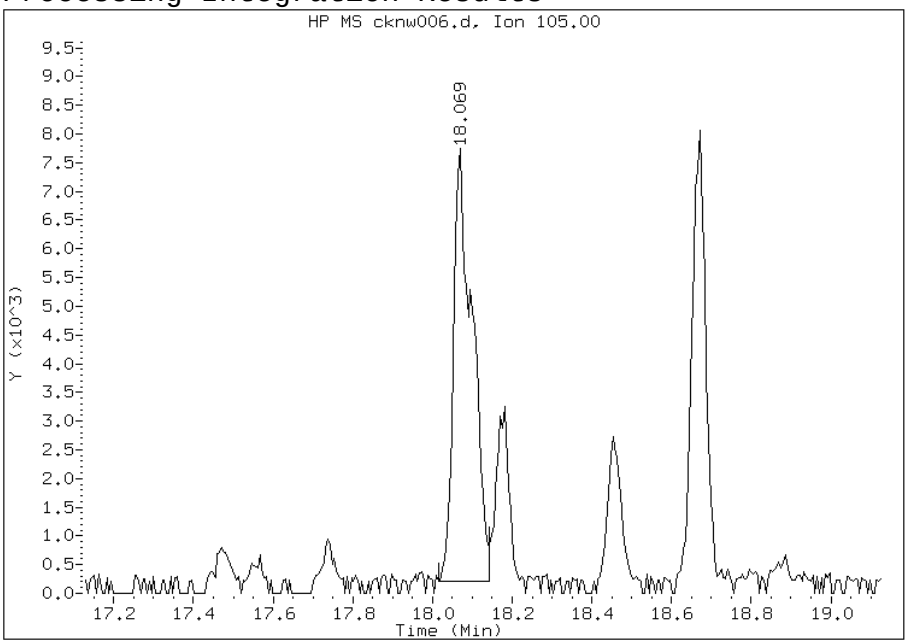
Processing Integration Results

RT: 18.07

Response: 25271

Amount: 0.147283

Conc: 0.147283



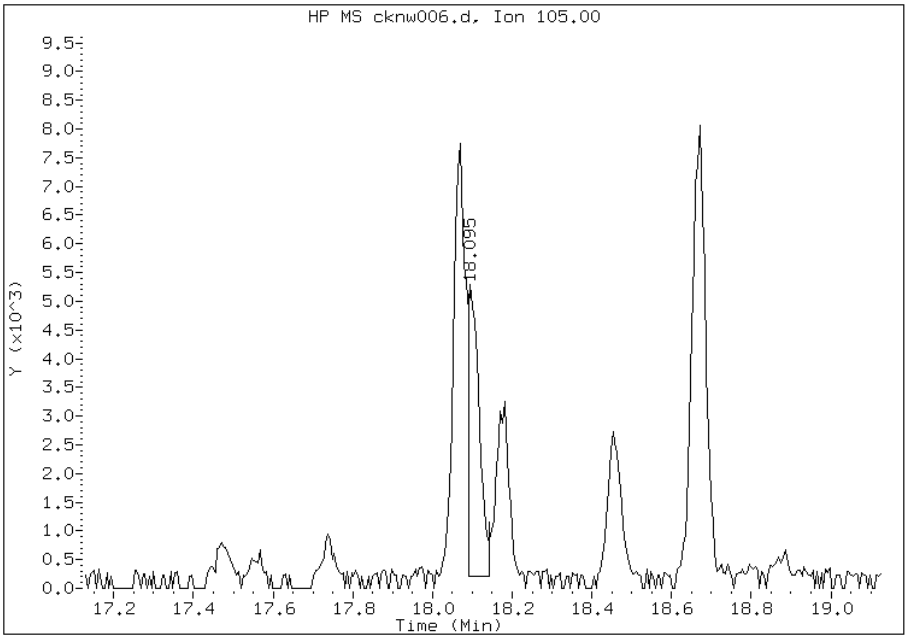
Manual Integration Results

RT: 18.10

Response: 10091

Amount: 0.058812

Conc: 0.058812



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknw006.d
Lab Sample ID: 280-25374-1
Inj. Date and Time: 13-FEB-2012 18:15
Instrument ID: C.i
Client ID: 786VMP0202AE
Compound: 81 1,3,5-Trimethylbenzene
CAS #: 108-67-8
Report Date: 02/14/2012

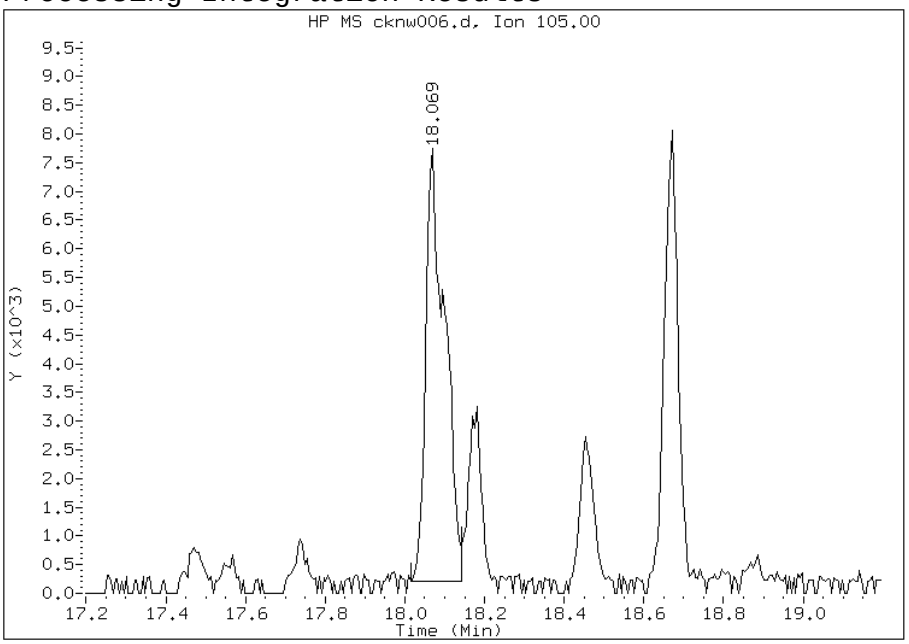
Processing Integration Results

RT: 18.07

Response: 25271

Amount: 0.171411

Conc: 0.171411



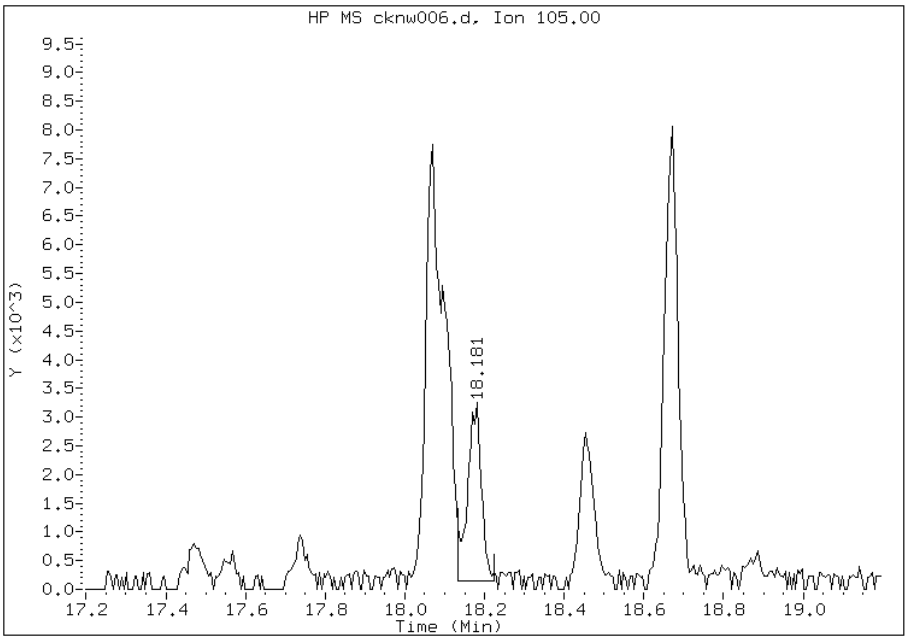
Manual Integration Results

RT: 18.18

Response: 7728

Amount: 0.052418

Conc: 0.052418



File Uploaded By: wrd
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.: 280-25374-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25374-2

Matrix: Air Lab File ID: cknw007.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 19:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.50	J	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.61	J	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.11	J	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.072	J	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.065	J M	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25374-2

Matrix: Air Lab File ID: cknw007.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 19:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.37		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.16	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.080	U	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25374-2

Matrix: Air Lab File ID: cknw007.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 19:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25374-2

Matrix: Air Lab File ID: cknw007.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 19:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	1.2	J	12	0.11
67-63-0	Isopropyl alcohol	60.10	1.5	J	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.37	J	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.25	J	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.22	J M	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25374-2

Matrix: Air Lab File ID: cknw007.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 19:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	1.4		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.69	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.35	U	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 280-25374-2

Matrix: Air Lab File ID: cknw007.d

Analysis Method: TO-15 Date Collected: 02/07/2012 10:38

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 19:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 280-25374-2
Client Smp ID: TRIP BLANK
Inj Date : 13-FEB-2012 19:05
Operator : wrd Inst ID: C.i
Smp Info : 280-25374-A-2
Misc Info : 200,1,all74
Comment :
Method : /chem/C.i/Csvr.p/cknwto15.b/to15v5.m
Meth Date : 14-Feb-2012 16:11 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	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.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	8.222	8.211	(0.741)	17914	0.49755	0.50(a)
21 Carbon disulfide	76	Compound Not Detected.					

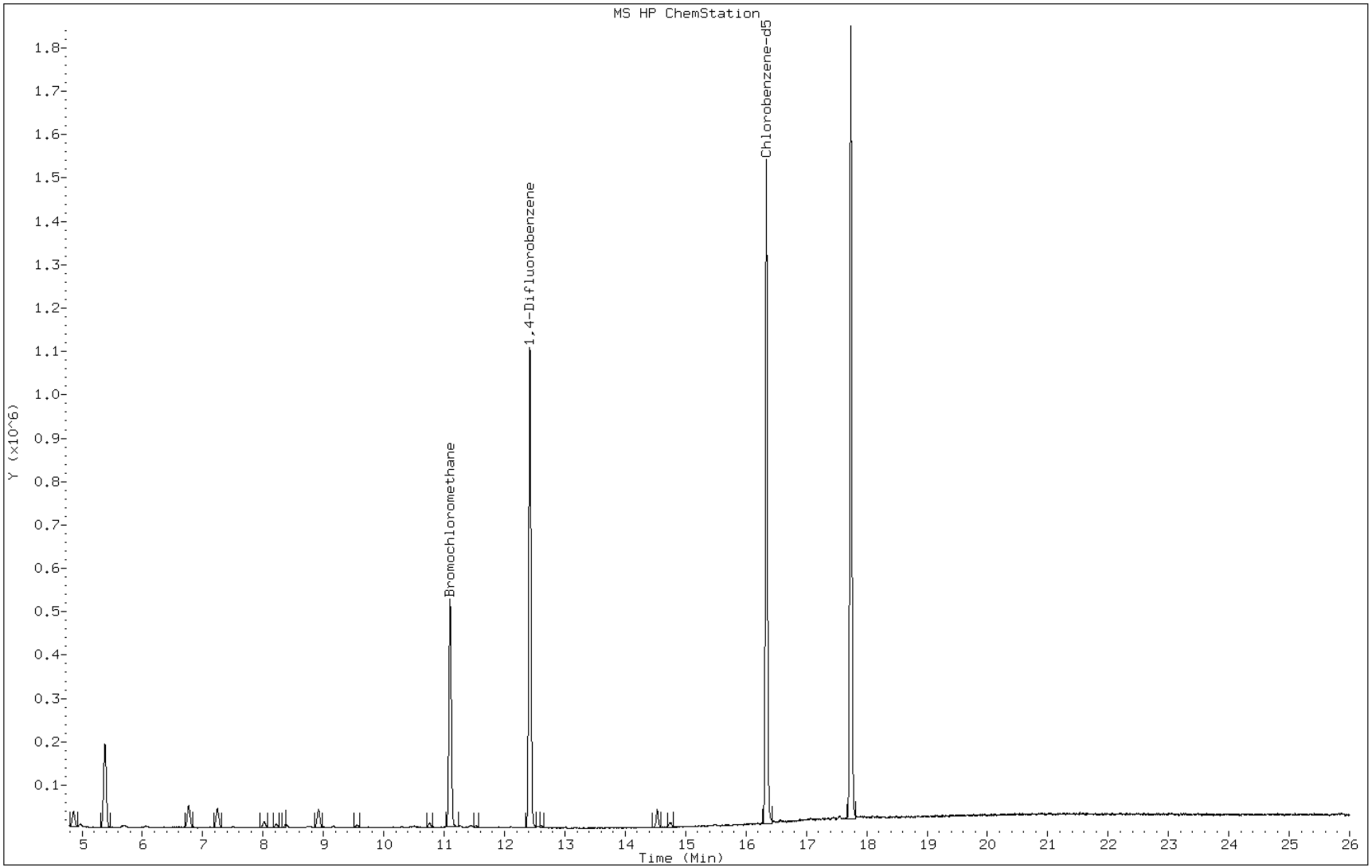
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	22 Isopropanol	45	8.377	8.350	(0.755)	15189	0.61473	0.61(a)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.894	8.910	(0.801)	2852	0.10539	0.11(a)
	26 Tert-butyl alcohol	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	9.556	9.572	(0.861)	3151	0.07172	0.072(a)
	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	11.099	11.125	(1.000)	220772	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	11.456	11.477	(0.922)	2584	0.06486	0.065(aQM)
	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	12.422	12.443	(1.000)	1212564	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	14.530	14.557	(0.889)	23032	0.37059	0.37
	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	16.339	16.366	(1.000)	1119390	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:	cknw007.d	Date:	13-FEB-2012 19:05
Client ID:	TRIP BLANK	Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	280-25374-A-2		
Lab Sample ID:	280-25374-2		



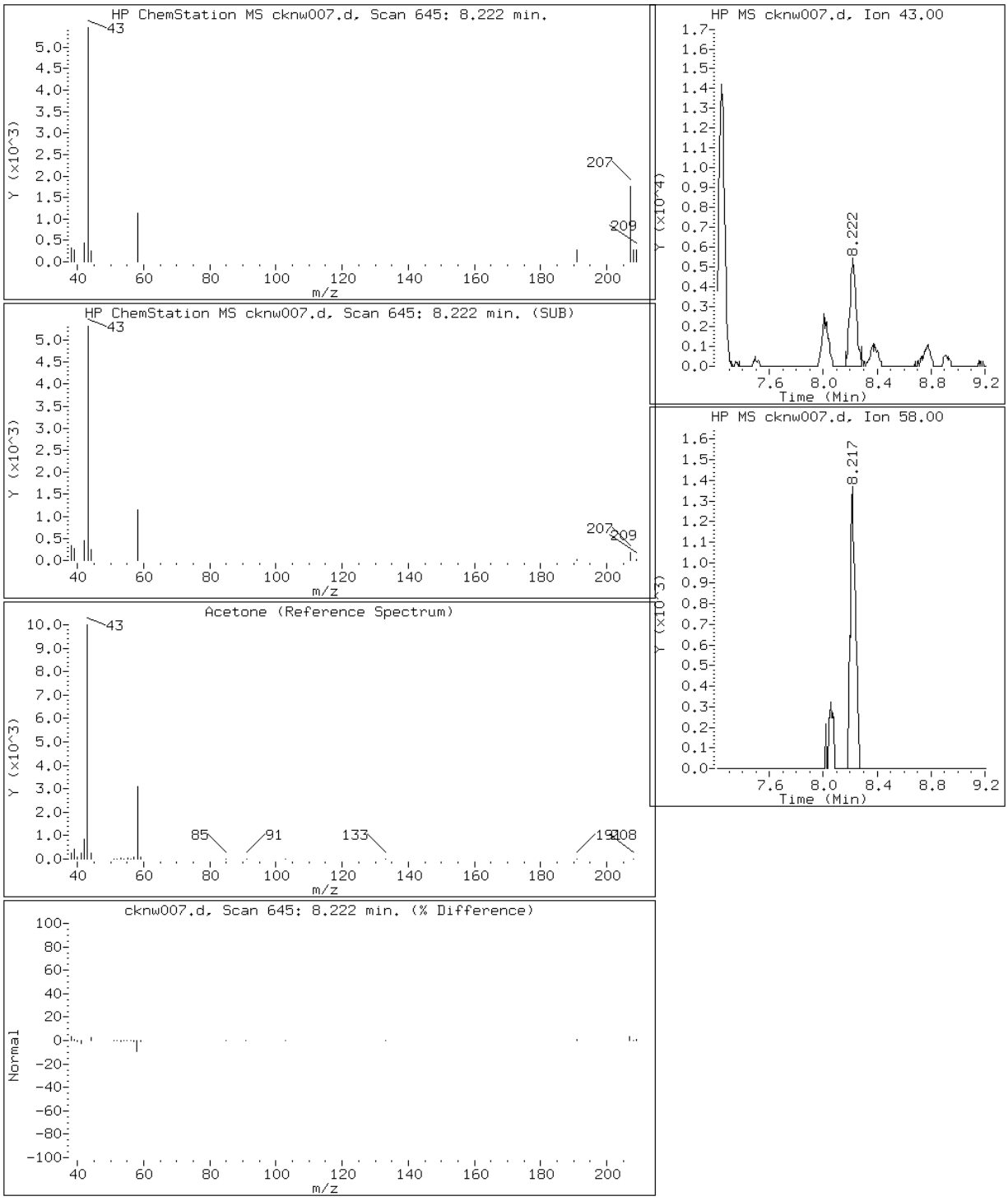
Data File: cknw007.d

Lab Sample ID: 280-25374-2 Date: 13-FEB-2012 19:05

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25374-A-2 Operator: wrd

20 Acetone



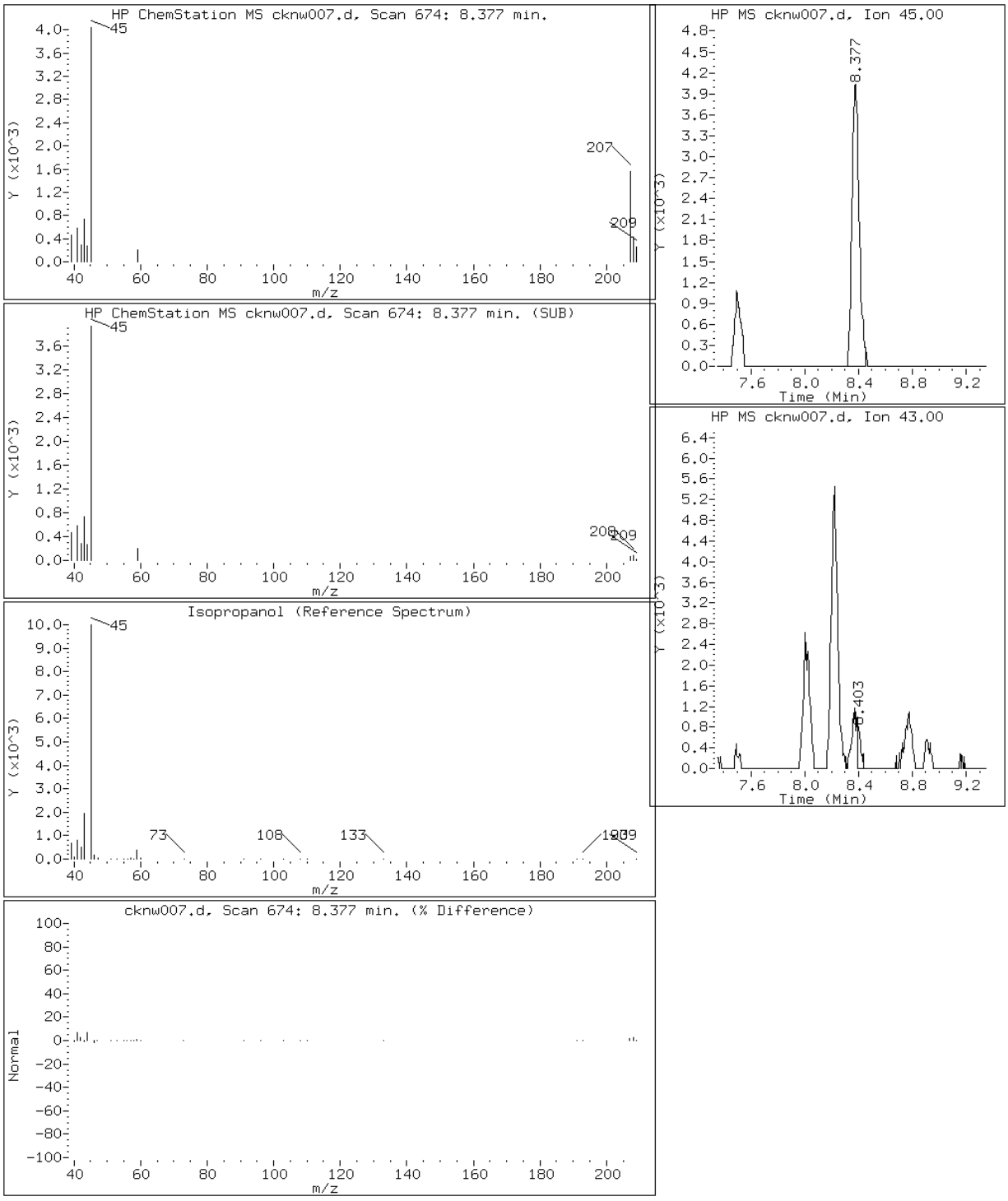
Data File: cknw007.d

Lab Sample ID: 280-25374-2 Date: 13-FEB-2012 19:05

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25374-A-2 Operator: wrd

22 Isopropanol



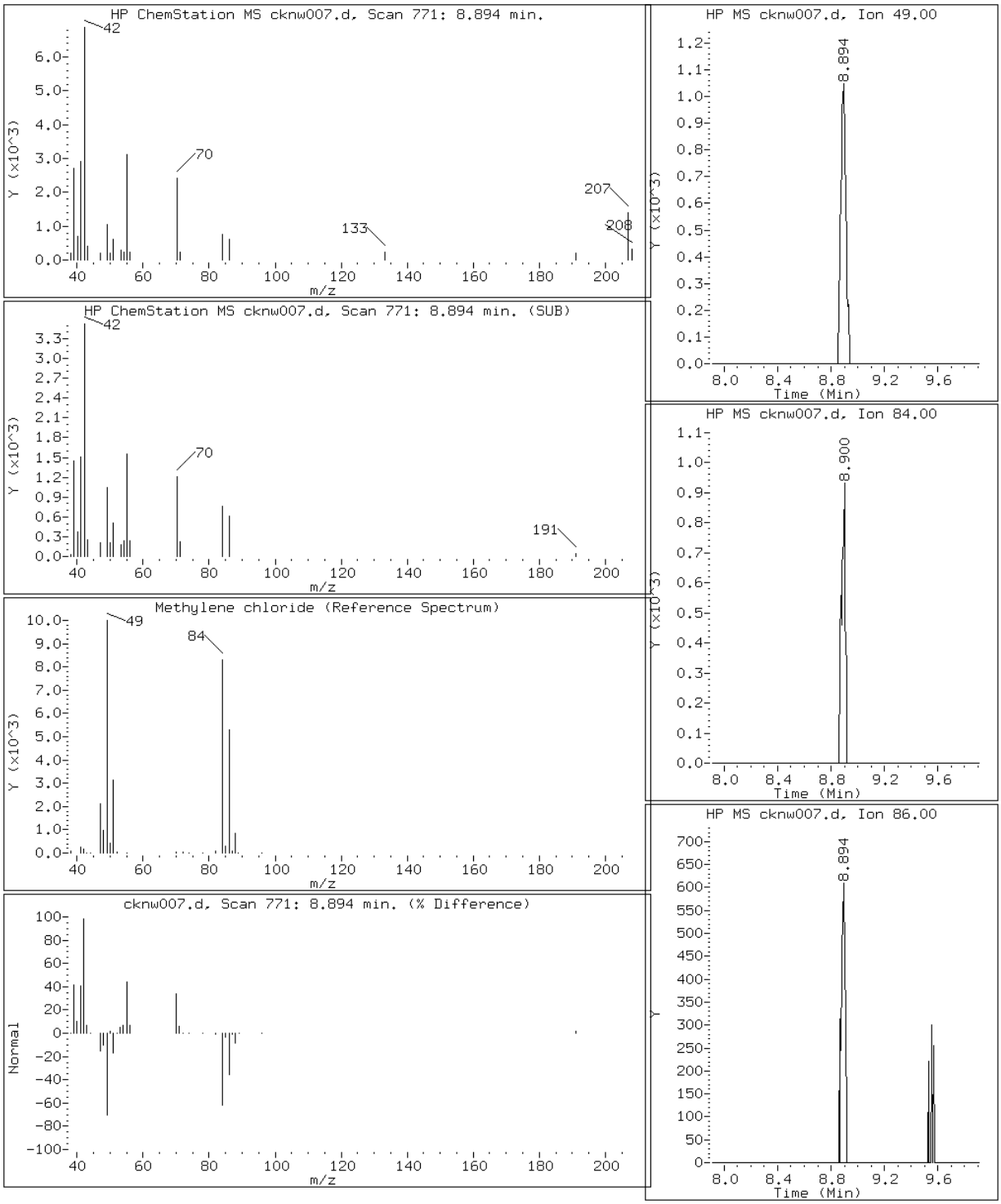
Data File: cknw007.d

Lab Sample ID: 280-25374-2 Date: 13-FEB-2012 19:05

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25374-A-2 Operator: wrd

25 Methylene chloride



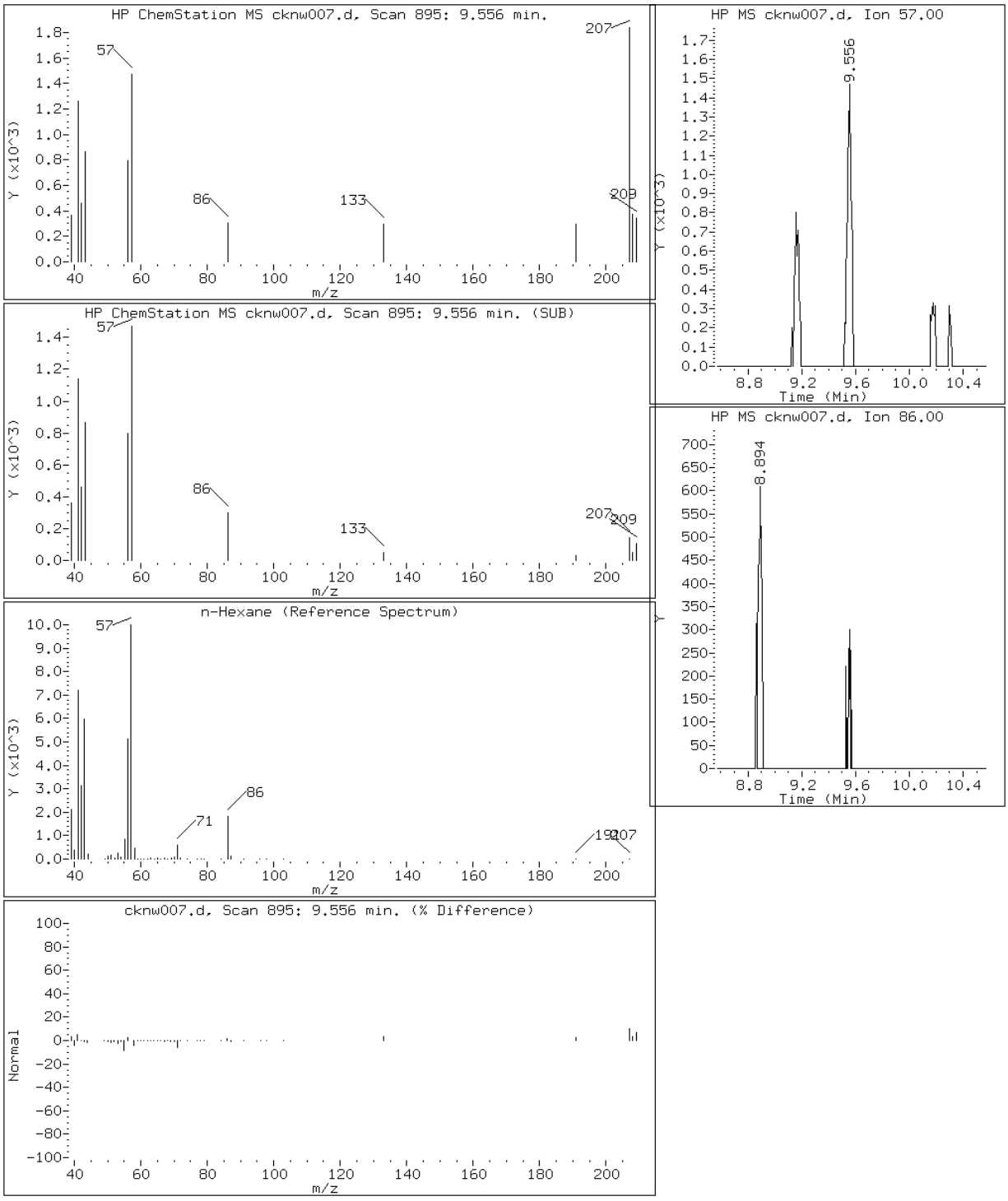
Data File: cknw007.d

Lab Sample ID: 280-25374-2 Date: 13-FEB-2012 19:05

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25374-A-2 Operator: wrd

30 n-Hexane



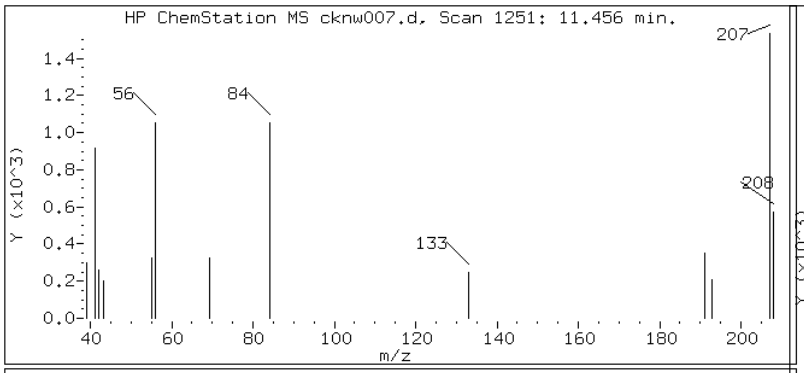
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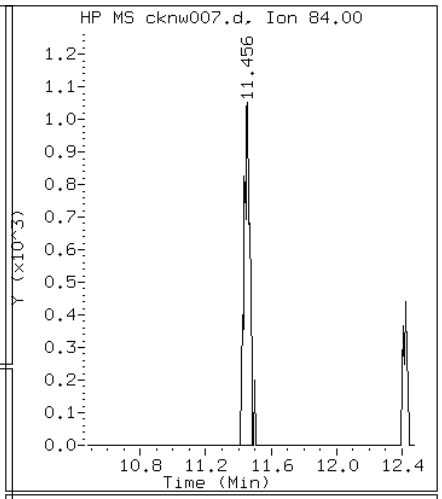
Lab Sample ID: 280-25374-2 Date: 13-FEB-2012 19:05

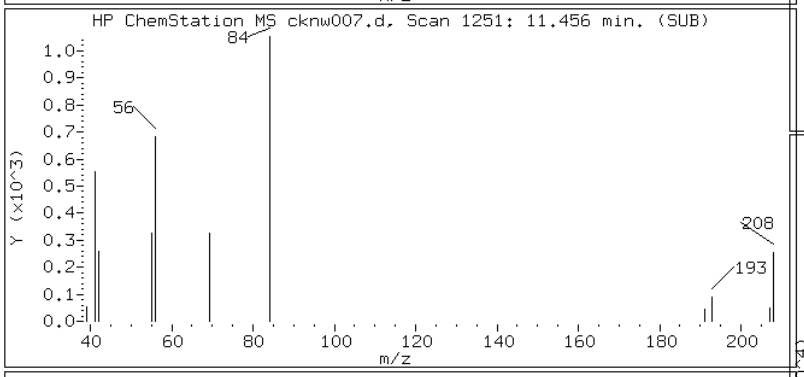
Client ID: TRIP BLANK Instrument: C.i

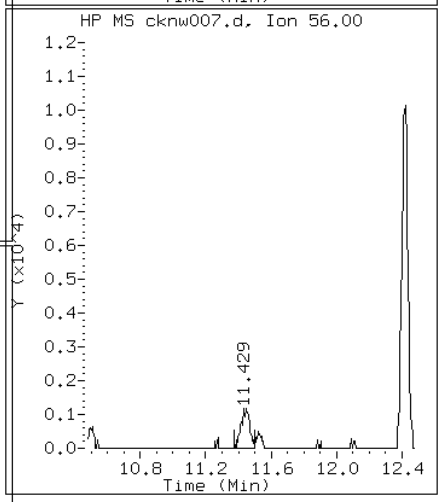
Sample Info: 280-25374-A-2 Operator: wrd

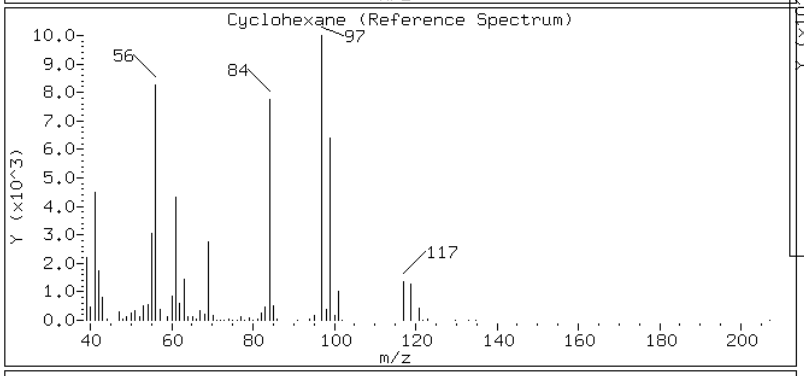
40 Cyclohexane

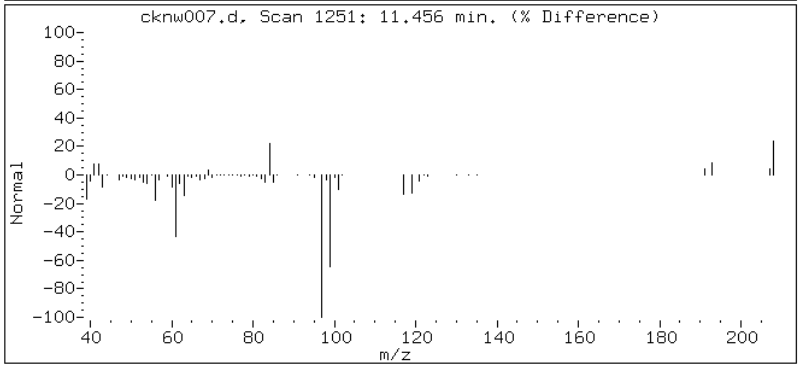












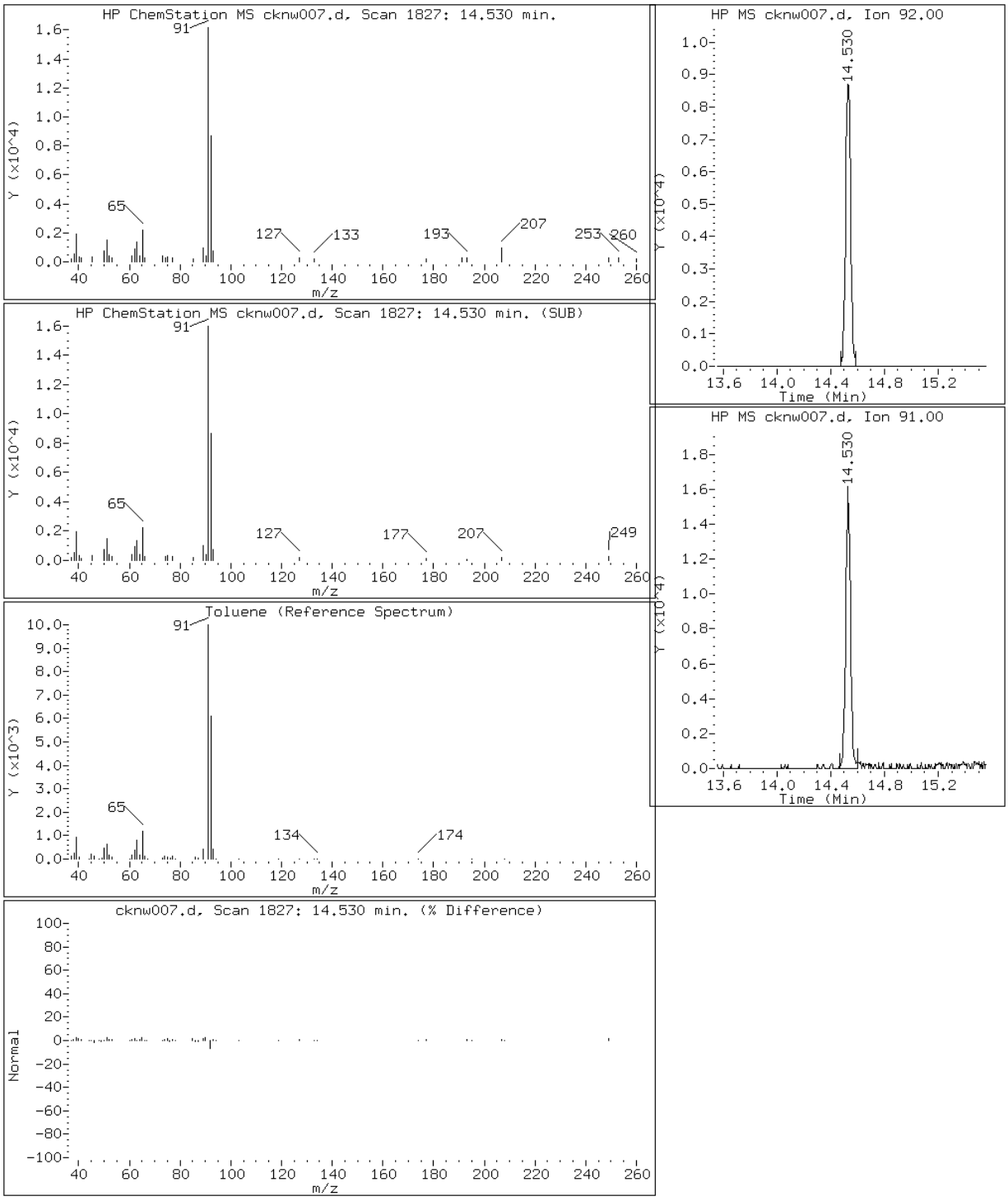
Data File: cknw007.d

Lab Sample ID: 280-25374-2 Date: 13-FEB-2012 19:05

Client ID: TRIP BLANK Instrument: C.i

Sample Info: 280-25374-A-2 Operator: wrd

58 Toluene



Manual Integration Report

Data File: cknw007.d
Lab Sample ID: 280-25374-2
Inj. Date and Time: 13-FEB-2012 19:05
Instrument ID: C.i
Client ID: TRIP BLANK
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 02/14/2012

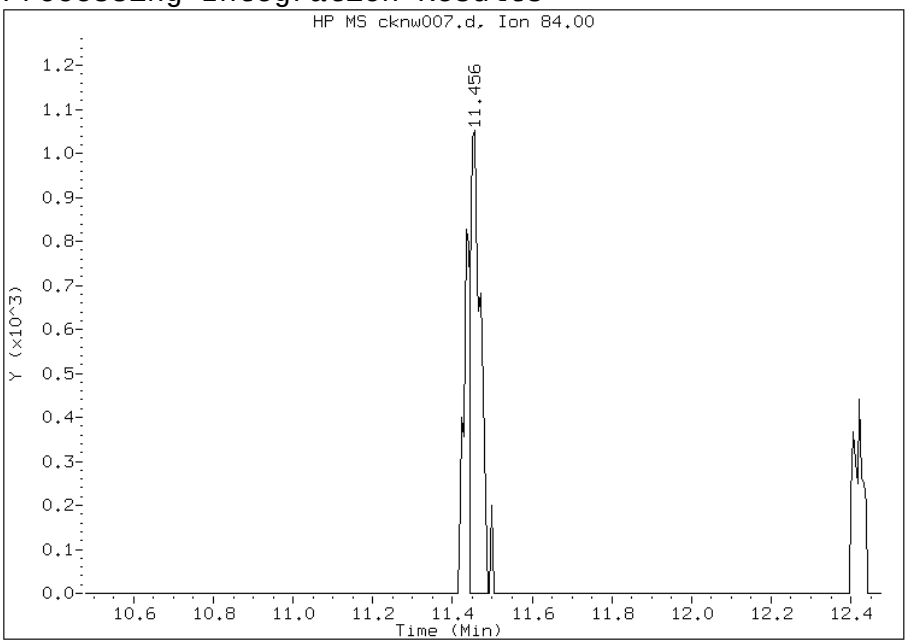
Processing Integration Results

RT: 11.46

Response: 1757

Amount: 0.044104

Conc: 0.044104



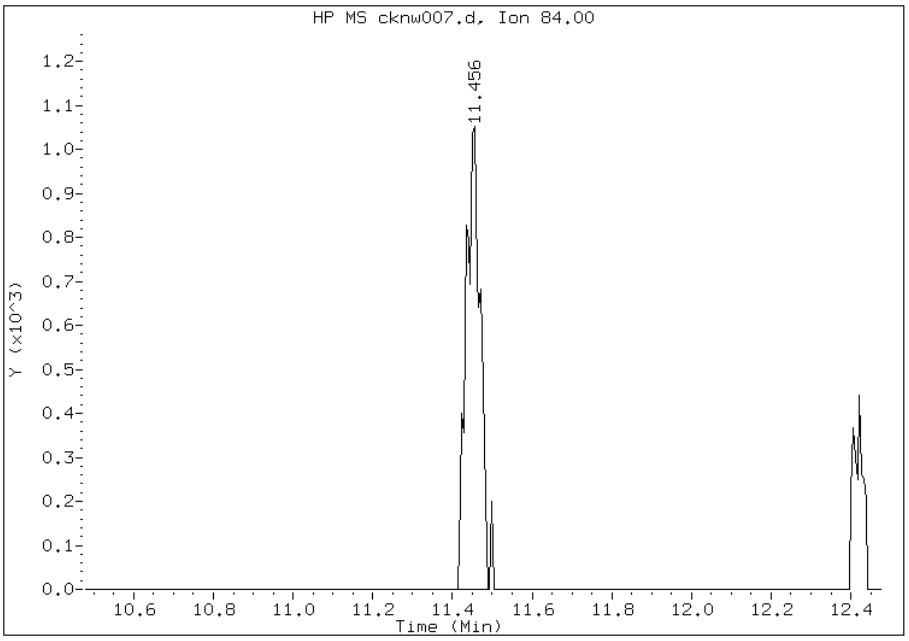
Manual Integration Results

RT: 11.46

Response: 2584

Amount: 0.064864

Conc: 0.064864



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.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-32216/3	ic 260559	ckn003.d
Level 2	IC 200-32216/4	ic 260524	ckn004.d
Level 3	IC 200-32216/5	ic 275708	ckn005.d
Level 4	ICIS 200-32216/6	icis 275681	ckn006.d
Level 5	IC 200-32216/7	ic 260512	ckn007.d
Level 6	IC 200-32216/8	ic 260506	ckn008.d
Level 7	IC 200-32216/9	ic 275630	ckn009.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 4	LVL 5		B	M1	M2								
Propylene	0.7970	0.9419 0.7217	0.9321	0.8488	0.8298	Ave		0.8452				9.9		30.0			
Dichlorodifluoromethane	3.0852	3.5591 2.8353	3.4854	3.2215	3.1704	Ave		3.2261				8.2		30.0			
Freon 22	1.6810	1.9125 1.5348	1.8407	1.7138	1.7040	Ave		1.7311				7.6		30.0			
1,2-Dichlorotetrafluoroethane	3.5007 3.3937	3.3895 3.1737	3.6761	3.4052	3.4148	Ave		3.4219				4.4		30.0			
Chloromethane	0.9241	1.1544 0.8537	1.0422	0.9527	0.9395	Ave		0.9778				10.8		30.0			
n-Butane	1.8647	2.2133 1.7202	2.0548	1.9146	1.9173	Ave		1.9475				8.7		30.0			
Vinyl chloride	1.2269 1.1712	1.1987 1.0883	1.2635	1.1965	1.1845	Ave		1.1899				4.6		30.0			
1,3-Butadiene	0.9290 0.9288	0.8990 0.8572	1.0005	0.9378	0.9357	Ave		0.9269				4.7		30.0			
Bromomethane	1.1038 1.0637	1.0753 0.9939	1.1503	1.0690	1.0782	Ave		1.0763				4.4		30.0			
Chloroethane	0.6441	0.6661 0.5901	0.7007	0.6461	0.6520	Ave		0.6498				5.5		30.0			
Isopentane	1.7544 1.4328	1.6996 1.3006	1.5868	1.4631	1.4631	Ave		1.5286				10.5		30.0			
Bromoethene(Vinyl Bromide)	1.1087 1.0878	1.0258 1.0334	1.1313	1.0733	1.0876	Ave		1.0782				3.5		30.0			
Trichlorofluoromethane	3.3821 3.2508	3.2716 3.0569	3.4273	3.2082	3.2784	Ave		3.2679				3.7		30.0			
n-Pentane	2.2075	2.2861 2.0764	2.2959	2.1551	2.2311	Ave		2.2087				3.8		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.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.4067	0.4374 0.3576	0.3576	0.3783	0.4168	Ave		0.3924				8.4		30.0			
Ethyl ether	0.8460 0.8116	0.7859 0.7794	0.8776	0.8690	0.8540	Ave		0.8319				4.8		30.0			
Acrolein	0.3177	0.4079	0.4301	0.4373	0.3577	Ave		0.3902				13.1		30.0			
Freon TF	2.2942 2.3319	2.2001 2.2445	2.3443	2.2148	2.3168	Ave		2.2781				2.6		30.0			
1,1-Dichloroethene	1.0382 1.1211	0.9861 1.0698	1.1229	1.0721	1.1184	Ave		1.0755				4.7		30.0			
Acetone	1.5999	1.3603	1.7778	1.6908	1.7256	Ave		1.6309				10.1		30.0			
Isopropyl alcohol	1.0430	1.0332	1.1554	1.2150	1.1493	Ave		1.1192				7.0		30.0			
Carbon disulfide	3.2967	3.1114 3.1544	3.3593	3.2017	3.3005	Ave		3.2373				3.0		30.0			
3-Chloropropene	1.5643 1.5990	1.4615 1.4805	1.7161	1.6067	1.7478	Ave		1.5966				6.8		30.0			
Acetonitrile	0.6282	0.6667	0.6868	0.6600	0.7428	Ave		0.6769				6.3		30.0			
Methylene Chloride	1.1879	1.4094 1.1047	1.2828	1.1665	1.2030	Ave		1.2257				8.7		30.0			
tert-Butyl alcohol	1.5569	1.5205	1.7332	1.7825	1.7223	Ave		1.6631				7.0		30.0			
Methyl tert-butyl ether	3.4986 3.3176	3.2952 3.1746	3.5924	3.5616	3.5024	Ave		3.4203				4.6		30.0			
trans-1,2-Dichloroethene	1.7025 1.7589	1.6671 1.6654	1.8285	1.6946	1.7645	Ave		1.7259				3.5		30.0			
Acrylonitrile	0.7446	0.7353 0.7626	0.8114	0.7893	0.7947	Ave		0.7730				3.9		30.0			
n-Hexane	1.9953 2.0186	1.9499 1.9238	2.0777	1.9431	2.0227	Ave		1.9902				2.7		30.0			
Vinyl acetate	2.6444	2.6902	3.0191	2.9971	2.8091	Ave		2.8320				6.1		30.0			
1,1-Dichloroethane	2.1993 2.1819	2.1164 2.0816	2.2854	2.1433	2.1935	Ave		2.1716				3.0		30.0			
Ethyl acetate	0.1083	0.1051	0.1125	0.1157	0.1137	Ave		0.1111				3.9		30.0			
Methyl Ethyl Ketone	0.5677	0.6971 0.5324	0.5906	0.5999	0.5984	Ave		0.5977				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.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	1.2933 1.2974	1.2222 1.2639	1.3131	1.2577	1.2945	Ave		1.2774				2.4		30.0			
Tetrahydrofuran	0.2112	0.2056	0.2329	0.2328	0.2260	Ave		0.2217				5.7		30.0			
Chloroform	2.6712 2.6339	2.5287 2.5074	2.7506	2.5984	2.6464	Ave		2.6195				3.2		30.0			
1,1,1-Trichloroethane	0.5024 0.5239	0.4821 0.5132	0.5272	0.5104	0.5226	Ave		0.5117				3.1		30.0			
Cyclohexane	0.3183 0.3411	0.3072 0.3385	0.3340	0.3214	0.3391	Ave		0.3285				3.9		30.0			
Carbon tetrachloride	0.4949 0.5405	0.4778 0.5347	0.5408	0.5214	0.5382	Ave		0.5212				4.8		30.0			
2,2,4-Trimethylpentane	1.0776 1.1578	1.0337 1.1460	1.1414	1.1192	1.1519	Ave		1.1182				4.1		30.0			
Benzene	0.7292 0.7204	0.6953 0.7254	0.7115	0.6933	0.7136	Ave		0.7127				2.0		30.0			
1,2-Dichloroethane	0.2985 0.3103	0.2970 0.2956	0.3210	0.3113	0.3140	Ave		0.3068				3.2		30.0			
n-Heptane	0.4131 0.4244	0.3931 0.4088	0.4221	0.4146	0.4267	Ave		0.4147				2.8		30.0			
n-Butanol	0.0734	0.0911	0.0883	0.0918	0.0797	Ave		0.0848				9.4		30.0			
Trichloroethene	0.3096 0.3330	0.2941 0.3331	0.3239	0.3142	0.3270	Ave		0.3193				4.4		30.0			
1,2-Dichloropropane	0.2428 0.2466	0.2332 0.2411	0.2506	0.2450	0.2473	Ave		0.2438				2.3		30.0			
Methyl methacrylate	0.2301	0.1798 0.2313	0.2318	0.2443	0.2407	Ave		0.2263				10.4		30.0			
1,4-Dioxane	0.0789	0.0814	0.0827	0.0904	0.0866	Ave		0.0840				5.4		30.0			
Dibromomethane	0.2337 0.2634	0.2200 0.2692	0.2503	0.2478	0.2583	Ave		0.2489				6.9		30.0			
Bromodichloromethane	0.4589 0.5258	0.4542 0.5123	0.5283	0.5195	0.5253	Ave		0.5035				6.5		30.0			
cis-1,3-Dichloropropene	0.3623 0.3800	0.3553 0.3750	0.3909	0.3860	0.3874	Ave		0.3767				3.6		30.0			
methyl isobutyl ketone	0.4251	0.3744 0.4039	0.4504	0.4658	0.4506	Ave		0.4284				8.0		30.0			
n-Octane	0.5673 0.5690	0.5350 0.5354	0.5932	0.5769	0.5816	Ave		0.5655				4.0		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.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	0.5414 0.5588	0.5321 0.5628	0.5641	0.5528	0.5745	Ave		0.5552				2.6		30.0			
trans-1,3-Dichloropropene	0.3904 0.3868	0.3543 0.3895	0.4066	0.4012	0.3981	Ave		0.3896				4.4		30.0			
1,1,2-Trichloroethane	0.2474 0.2496	0.2369 0.2467	0.2625	0.2524	0.2579	Ave		0.2505				3.3		30.0			
Tetrachloroethene	0.4190 0.4777	0.3962 0.5027	0.4511	0.4523	0.4753	Ave		0.4535				8.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	 0.4394	0.3759 0.4202	0.4622	0.4849	0.4710	Ave		0.4423				9.0		30.0			
Dibromochloromethane	0.4555 0.5545	0.4378 0.5679	0.5487	0.5436	0.5635	Ave		0.5245				10.3		30.0			
1,2-Dibromoethane	0.4450 0.4787	0.4130 0.4810	0.4864	0.4747	0.4906	Ave		0.4671				6.0		30.0			
Chlorobenzene	0.7456 0.7362	0.6804 0.7510	0.7561	0.7351	0.7555	Ave		0.7371				3.6		30.0			
n-Nonane	0.5140 0.5717	0.4787 0.5191	0.5766	0.5804	0.5956	Ave		0.5480				8.0		30.0			
Ethylbenzene	1.1333 1.2712	1.0896 1.2525	1.2584	1.2776	1.3208	Ave		1.2291				6.9		30.0			
m,p-Xylene	0.4302 0.5062	0.4128 0.5168	0.4872	0.5038	0.5247	Ave		0.4831				9.1		30.0			
Xylene, o-	0.4205 0.4732	0.4054 0.4792	0.4732	0.4808	0.4936	Ave		0.4608				7.3		30.0			
Styrene	0.6027 0.7711	0.5415 0.7976	0.7365	0.7745	0.7951	Ave		0.7170				14.3		30.0			
Bromoform	0.4193 0.5501	0.3848 0.6085	0.5204	0.5361	0.5563	Ave		0.5108				15.6		30.0			
Cumene	1.1708 1.4011	1.1139 1.4617	1.3621	1.4006	1.4445	Ave		1.3364				10.3		30.0			
1,1,2,2-Tetrachloroethane	0.6293 0.6587	0.5846 0.6693	0.6895	0.6896	0.6900	Ave		0.6587				6.0		30.0			
n-Propylbenzene	1.3857 1.7419	1.2610 1.7647	1.6594	1.7394	1.7948	Ave		1.6210				13.0		30.0			
1,2,3-Trichloropropane	 0.5355	0.4590 0.5185	0.5503	0.5568	0.5628	Ave		0.5305				7.3		30.0			
n-Decane	 0.7199	0.3570 0.7073	0.6533	0.7103	0.7436	Ave		0.6486				22.5		30.0			
4-Ethyltoluene	1.1341 1.4809	1.0355 1.5559	1.4179	1.4839	1.5304	Ave		1.3769				15.0		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	1.0824 1.2642	0.9971 1.2761	1.2464	1.2595	1.3074	Ave		1.2047				9.7		30.0			
1,3,5-Trimethylbenzene	0.9459 1.2969	0.8972 1.3200	1.2073	1.2792	1.3354	Ave		1.1831				15.5		30.0			
Alpha Methyl Styrene	0.4032 0.6113	0.3676 0.6439	0.5866	0.6242	0.6336	Ave		0.5529				21.0		30.0			
tert-Butylbenzene	0.9289 1.1583	0.8559 1.2066	1.1119	1.1705	1.2014	Ave		1.0905				12.9		30.0			
1,2,4-Trimethylbenzene	0.9400 1.2257	0.8380 1.2511	1.1882	1.2486	1.2758	Ave		1.1382				15.4		30.0			
sec-Butylbenzene	1.3128 1.7482	1.1794 1.7953	1.6424	1.7470	1.8050	Ave		1.6043				15.8		30.0			
4-Isopropyltoluene	1.0966 1.4940	0.9757 1.5587	1.3844	1.4898	1.5352	Ave		1.3621				17.0		30.0			
1,3-Dichlorobenzene	0.7436 0.8158	0.5718 0.8648	0.7879	0.8200	0.8374	Ave		0.7773				12.7		30.0			
1,4-Dichlorobenzene	0.7473 0.8116	0.5728 0.8577	0.7773	0.8116	0.8309	Ave		0.7728				12.3		30.0			
Benzyl chloride	0.6517 0.8466	0.5473 1.0627	1.0492	1.0982	0.8832	Ave		0.8770				24.3		30.0			
n-Undecane	 0.6885	 0.6760	0.4387	0.6254	0.7185	Ave		0.6294				17.8		30.0			
n-Butylbenzene	0.8824 1.3193	0.7702 1.3080	1.2319	1.3341	1.3646	Ave		1.1729				20.7		30.0			
1,2-Dichlorobenzene	0.7066 0.7588	0.5773 0.7837	0.7550	0.7784	0.7865	Ave		0.7352				10.2		30.0			
n-Dodecane	 0.3885	 0.2590	0.3056	0.3499	0.3493	Ave		0.3305				15.0		30.0			
1,2,4-Trichlorobenzene	 0.4310	0.2373 0.3876	0.4179	0.4541	0.4294	Ave		0.3929				20.2		30.0			
Hexachlorobutadiene	0.3730 0.4057	0.3341 0.3975	0.3844	0.4024	0.4047	Ave		0.3860				6.7		30.0			
Naphthalene	 0.9011	0.6030 0.8517	0.9562	1.0504	0.8962	Ave		0.8764				17.2		30.0			
1,2,3-Trichlorobenzene	0.4120 0.3368	0.2442 0.2825	0.3508	0.3709	0.3358	Ave		0.3333				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-32216/3	ckn003.d
Level 2	IC 200-32216/4	ckn004.d
Level 3	IC 200-32216/5	ckn005.d
Level 4	ICIS 200-32216/6	ckn006.d
Level 5	IC 200-32216/7	ckn007.d
Level 6	IC 200-32216/8	ckn008.d
Level 7	IC 200-32216/9	ckn009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	642156	16532 1240324	164368	314426	485356	20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	2485758	62466 4872701	614618	1193357	1854488	20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	1354442	33567 2637649	324595	634842	996752	20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	25178 2734338	59489 5454358	648231	1261386	1997449	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	744558	20261 1467156	183785	352904	549575	20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	1502450	38845 2956367	362350	709222	1121511	20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	8824 943665	21038 1870415	222807	443210	692836	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	6682 748317	15779 1473218	176420	347389	547311	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	7939 857039	18872 1708098	202844	396006	630692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	518949	11690 1014200	123554	239319	381408	20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	12618 1154428	29829 2235241	279808	541983	855830	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	7974 876421	18003 1775936	199485	397587	636192	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	24325 2619217	57419 5253681	604358	1188424	1917664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	1778599	40124 3568449	404848	798336	1305041	20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	655374	76762 1536315	126117	210175	325033	40.0	5.00 100	10.0	15.0	20.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	6085 653922	13794 1339424	154761	321921	499536	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	255980	701003	75846	162005	209253	20.0	40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	16501 1878862	38614 3857410	413393	820421	1355175	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	7467 903288	17307 1838510	198005	397140	654204	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	1289077	2337743	313487	626319	1009349	20.0	40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	840327	1775656	203747	450077	672277	20.0	40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	2656196	54608 5421208	592373	1186028	1930584	20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	11251 1288376	25651 2544349	302623	595173	1022329	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	506136	1145797	121102	244482	434480	20.0	40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	957117	24737 1898633	226213	432115	703655	20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	1254439	2613182	305635	660300	1007457	20.0	40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	25163 2673066	57834 5455934	633481	1319326	2048683	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12245 1417165	29259 2862136	322442	627754	1032134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	599940	12906 1310646	143081	292396	464850	20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	14351 1626390	34223 3306317	366383	719803	1183134	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	2130650	4623328	532377	1110237	1643135	20.0	40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	15818 1757954	37145 3577531	403002	793943	1283068	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	87276	180565	19844	42869	66490	20.0	40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	457413	12234 914910	104142	222224	350008	20.0	0.500 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	9302 1045324	21450 2172080	231548	465904	757183	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	966633	1961436	238074	491656	753459	20.0	40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chloroform	BCM	Ave	19212 2122194	44382 4309197	485032	962534	1547981	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	20949 2397414	48893 4895660	538969	1077750	1741905	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	13275 1560992	31155 3229203	341498	678699	1130422	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	20638 2473773	48452 5100456	552839	1101077	1794005	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	44935 5298632	104825 10931388	1166957	2363284	3839664	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	30407 3297019	70515 6919593	727424	1463974	2378506	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	12446 1420173	30115 2820086	328153	657267	1046724	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	17225 1942193	39862 3899083	431540	875364	1422186	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	 335857	 868822	90256	193845	265595	 20.0	 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	12910 1523905	29830 3176879	331112	663493	1089895	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	10123 1128343	23648 2299443	256158	517389	824439	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	 1053256	18231 2206706	236948	515934	802172	 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	 361017	 776320	84509	190925	288519	 20.0	 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	9744 1205373	22309 2567945	255889	523241	860910	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	19138 2406049	46066 4886689	540096	1096972	1750887	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	15109 1739219	36032 3576930	399640	815107	1291237	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	 1945497	37964 3853172	460424	983555	1501938	 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	23656 2603835	54258 5107019	606415	1218080	1938680	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	20797 2395936	49993 5039162	535528	1094900	1770416	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	16278 1770301	35929 3715118	415673	847266	1327083	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9503 1070318	22261 2208485	249184	499976	794623	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	16095 2048197	37222 4500446	428265	895881	1464780	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	 1883901	35315 3761791	438850	960549	1451528	 20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	17497 2377248	41133 5085011	520996	1076717	1736454	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	17096 2052504	38805 4306960	461773	940321	1511953	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	28642 3156461	63929 6723670	717855	1456155	2328319	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	19743 2451141	44974 4648094	547437	1149631	1835314	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	43535 5450255	102373 11214249	1194740	2530631	4070299	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	33055 4340919	77559 9254798	925189	1995781	3233954	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	16152 2028856	38090 4290835	449272	952392	1521019	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	23153 3306139	50872 7140868	699238	1534206	2450159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	16108 2358687	36148 5447930	494064	1061970	1714401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	44975 6007143	104649 13086979	1293182	2774311	4451344	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	24175 2824080	54922 5992313	654677	1365856	2126291	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	53231 7468447	118474 15799657	1575451	3445403	5530963	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	 2296131	43125 4641882	522434	1102943	1734368	 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	 3086404	33541 6332753	620292	1406975	2291481	 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	43565 6349129	97289 13930493	1346208	2939260	4716078	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	41578 5420024	93680 11425456	1183380	2494856	4028893	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	36337 5560289	84290 11817935	1146247	2533871	4115170	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	15488 2620912	34537 5765376	556905	1236433	1952598	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	35682 4966064	80409 10803359	1055687	2318457	3702181	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1 Analy Batch No.: 32216

SDG No.:

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

Calibration Start Date: 01/12/2012 17:27 Calibration End Date: 01/12/2012 22:26 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	36111 5255052	78733 11201586	1128080	2473176	3931491	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	50430 7495490	110806 16073959	1559326	3460403	5562365	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	42124 6405600	91672 13955776	1314382	2951004	4730900	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	28566 3497607	53721 7742578	748042	1624238	2580727	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	28707 3479925	53819 7679147	737997	1607654	2560692	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	25033 3629889	51424 9514593	996124	2175384	2721612	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	 2952057	 6052076	416503	1238862	2214195	 20.0	 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	33898 5656470	72360 11710968	1169618	2642499	4205383	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	27143 3253416	54239 7017090	716800	1541816	2423759	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	 1665695	 2319042	290136	693161	1076324	 20.0	 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	 1847693	22296 3470298	396780	899429	1323161	 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	14328 1739454	31393 3558973	364954	796994	1247073	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	 3863247	56653 7625329	907861	2080516	2761811	 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	15826 1444020	22945 2528944	333083	734647	1034883	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn003.d
Lab Smp Id: ic 260559 Client Smp ID: ic 260559
Inj Date : 12-JAN-2012 17:27
Operator : pad Inst ID: C.i
Smp Info : ic 260559
Misc Info : 200,1,level 01
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.977	4.977	(0.447)	7766	0.20000	0.26(a)
2 Dichlorodifluoromethane	85	5.068	5.057	(0.456)	23823	0.20000	0.21(a)
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	13057	0.20000	0.21(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	25178	0.20000	0.20
5 Chloromethane	50	5.522	5.516	(0.496)	9179	0.20000	0.26(a)
6 Butane	43	5.735	5.730	(0.515)	15806	0.20000	0.23(a)
7 Vinyl chloride	62	5.772	5.767	(0.519)	8824	0.20000	0.21
8 1,3-Butadiene	54	5.858	5.847	(0.527)	6682	0.20000	0.20
9 Bromomethane	94	6.525	6.509	(0.586)	7939	0.20000	0.21(M)
10 Chloroethane	64	6.712	6.712	(0.603)	4833	0.20000	0.21(aQ)
11 2-Methylbutane	43	6.786	6.781	(0.610)	12618	0.20000	0.23
12 Vinyl bromide	106	7.064	7.064	(0.635)	7974	0.20000	0.21
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	24325	0.20000	0.21
14 Pentane	43	7.267	7.256	(0.653)	16972	0.20000	0.21(a)

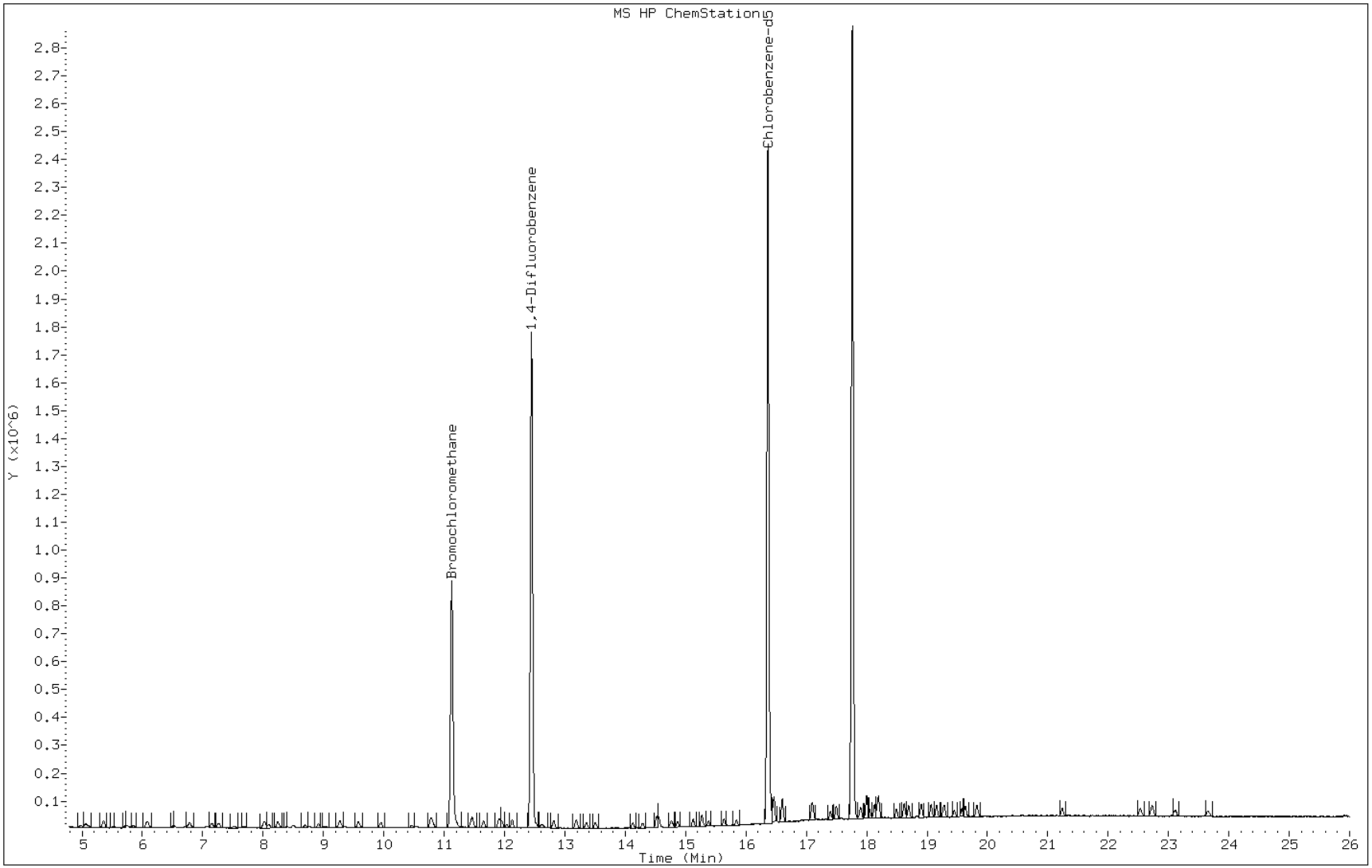
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.523	7.485	(0.676)	11591	0.20000	0.82(a)
16	Ethyl ether	59	7.688	7.656	(0.691)	6085	0.20000	0.20
17	1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	16501	0.20000	0.20
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	8.094	8.088	(0.728)	7467	0.20000	0.19(a)
20	Acetone	43	8.238	8.211	(0.740)	45743	0.20000	0.78(a)
21	Carbon disulfide	76	8.505	8.494	(0.764)	24039	0.20000	0.21(a)
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	8.697	8.692	(0.782)	11251	0.20000	0.20(a)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	8.921	8.910	(0.802)	12653	0.20000	0.29(a)
26	Tert-butyl alcohol	59	9.028	8.969	(0.811)	11928	0.20000	0.20(a)
27	Methyl tert-butyl ether	73	9.257	9.231	(0.832)	25163	0.20000	0.20
28	1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	12245	0.20000	0.20
29	Acrylonitrile	53	9.364	9.337	(0.842)	5682	0.20000	0.20(a)
30	n-Hexane	57	9.572	9.572	(0.860)	14351	0.20000	0.20
31	1,1-Dichloroethane	63	9.946	9.951	(0.894)	15818	0.20000	0.20(M)
32	Vinyl acetate	43	9.957	9.935	(0.895)	18813	0.20000	0.18(a)
M 33	1,2-Dichloroethene,Total	61				21547	0.40000	0.40
34	1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	9302	0.20000	0.20
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	10.789	10.762	(0.970)	6084	0.20000	0.28(aQ)
* 37	Bromochloromethane	128	11.125	11.125	(1.000)	359618	10.0000	
38	Tetrahydrofuran	42	11.200	11.152	(0.900)	9384	0.20000	0.20(a)
39	Chloroform	83	11.179	11.173	(1.005)	19212	0.20000	0.20
40	Cyclohexane	84	11.472	11.477	(0.922)	13275	0.20000	0.19(a)
41	1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	20949	0.20000	0.20
42	Carbon tetrachloride	117	11.654	11.648	(0.937)	20638	0.20000	0.19(a)
43	2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	44935	0.20000	0.19(a)
44	Benzene	78	11.958	11.958	(0.961)	30407	0.20000	0.20
45	1,2-Dichloroethane	62	12.038	12.032	(0.967)	12446	0.20000	0.19(aM)
46	n-Heptane	43	12.129	12.129	(0.975)	17225	0.20000	0.20
* 47	1,4-Difluorobenzene	114	12.444	12.443	(1.000)	2084982	10.0000	
48	n-Butanol	56	12.620	12.582	(1.014)	7866	0.20000	0.44(aQ)
49	Trichloroethene	95	12.817	12.812	(1.030)	12910	0.20000	0.19(a)
50	1,2-Dichloropropane	63	13.185	13.180	(1.060)	10123	0.20000	0.20
51	Methyl methacrylate	69	13.207	13.191	(1.061)	8103	0.20000	0.17(aQ)
52	Dibromomethane	174	13.356	13.356	(1.073)	9744	0.20000	0.19(a)
53	1,4-Dioxane	88	13.351	13.303	(1.073)	3643	0.20000	0.21(a)
54	Bromodichloromethane	83	13.506	13.505	(1.085)	19138	0.20000	0.18(a)
55	1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	15109	0.20000	0.19(a)
56	Methyl isobutyl ketone	43	14.290	14.269	(1.148)	16446	0.20000	0.18(a)
57	n-Octane	43	14.514	14.514	(1.166)	23656	0.20000	0.20(a)
58	Toluene	92	14.557	14.557	(0.889)	20797	0.20000	0.20
59	1,3-Dichloropropene (trans)	75	14.861	14.866	(1.194)	16278	0.20000	0.20
60	1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	9503	0.20000	0.20
61	Tetrachloroethene	166	15.267	15.272	(0.933)	16095	0.20000	0.18(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	15.384	15.363	(0.940)	15733	0.20000	0.19(a)
63	Dibromochloromethane	129	15.640	15.635	(0.956)	17497	0.20000	0.17(a)
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	17096	0.20000	0.19(a)
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1920699	10.0000	
66	Chlorobenzene	112	16.404	16.403	(1.002)	28642	0.20000	0.20
67	n-Nonane	57	16.462	16.462	(1.006)	19743	0.20000	0.19(a)
68	Ethylbenzene	91	16.462	16.462	(1.006)	43535	0.20000	0.18(a)
69	Xylene (m,p)	106	16.601	16.601	(1.014)	33055	0.40000	0.36(a)
M 70	Xylenes, Total	106				49207	0.20000	0.54
71	Xylene (o)	106	17.092	17.092	(1.044)	16152	0.20000	0.18(a)
72	Styrene	104	17.108	17.113	(1.045)	23153	0.20000	0.17(a)
73	Bromoform	173	17.396	17.401	(1.063)	16108	0.20000	0.16(a)
74	Isopropylbenzene	105	17.492	17.497	(1.069)	44975	0.20000	0.18(a)
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	24175	0.20000	0.19(a)
76	n-Propylbenzene	91	17.999	17.994	(1.100)	53231	0.20000	0.17(a)
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	19789	0.20000	0.19(a)
78	n-Decane	57	18.047	18.047	(1.103)	13982	0.20000	0.11(a)
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	43565	0.20000	0.16(a)
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	41578	0.20000	0.18(a)
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	36337	0.20000	0.16(a)
82	Alpha Methyl Styrene	118	18.501	18.495	(1.130)	15488	0.20000	0.15(a)
83	tert-butylbenzene	119	18.624	18.618	(1.138)	35682	0.20000	0.17(a)
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	36111	0.20000	0.17(a)
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	50430	0.20000	0.16(a)
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	42124	0.20000	0.16(a)
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	28566	0.20000	0.19(a)
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	28707	0.20000	0.19(a)
89	Benzyl chloride	91	19.446	19.445	(1.188)	25033	0.20000	0.15(a)
90	Undecane	57	19.579	19.573	(1.196)	14074	0.20000	0.12(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	33898	0.20000	0.15(a)
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	27143	0.20000	0.19(a)
93	Dodecane	57	21.239	21.239	(1.298)	14996	0.20000	0.24(a)
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	17529	0.20000	0.23(a)
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	14328	0.20000	0.19(a)
96	Naphthalene	128	23.101	23.107	(1.412)	40018	0.20000	0.24(a)
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	15826	0.20000	0.25

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:	ckn003.d	Date:	12-JAN-2012 17:27
Client ID:	ic 260559	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260559		
Lab Sample ID:	ic 260559		



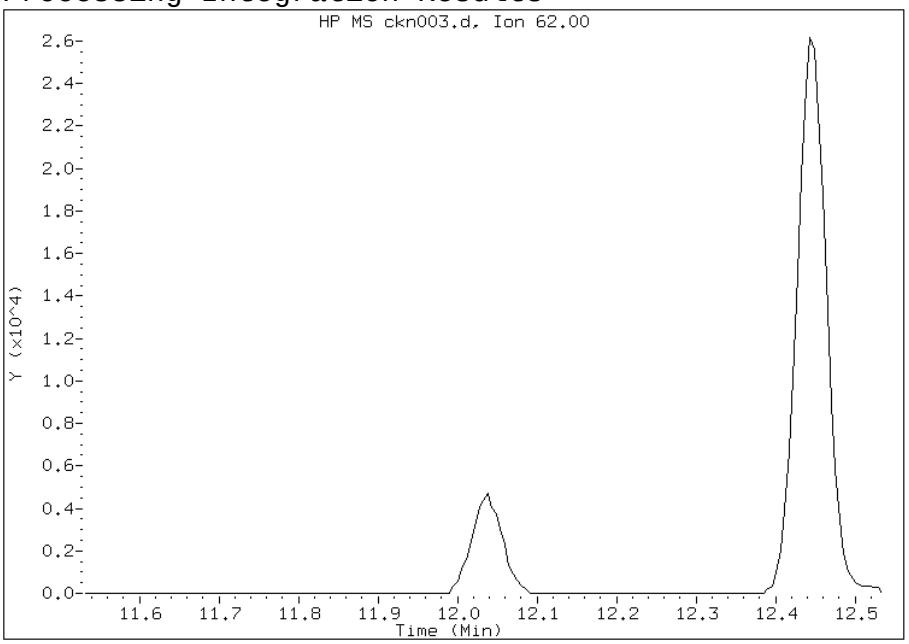
Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 01/13/2012

Processing Integration Results

Not Detected

Expected RT: 12.03



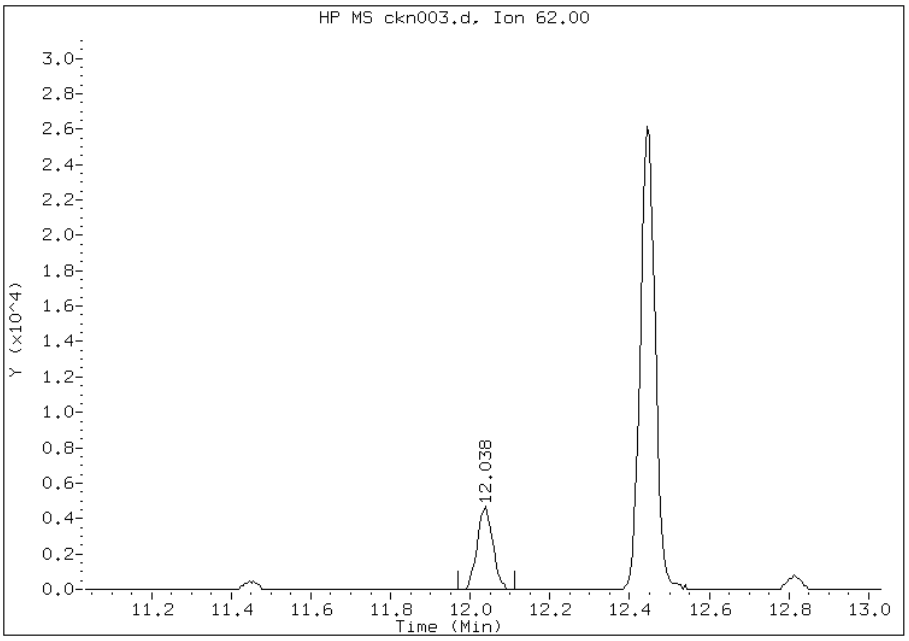
Manual Integration Results

RT: 12.04

Response: 12446

Amount: 0.194563

Conc: 0.194563



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 9 Bromomethane
CAS #: 74-83-9
Report Date: 01/13/2012

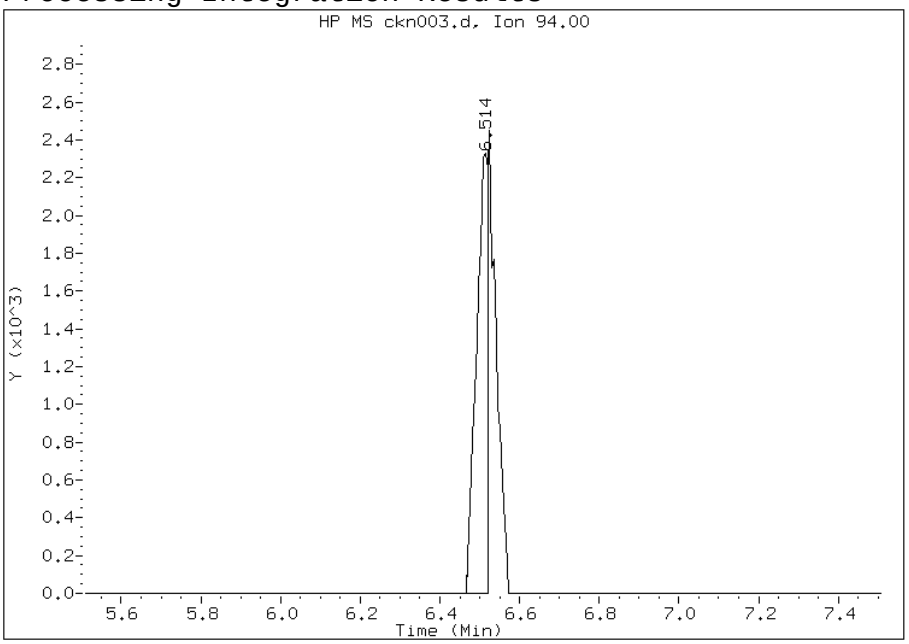
Processing Integration Results

RT: 6.51

Response: 4609

Amount: 0.149917

Conc: 0.149917



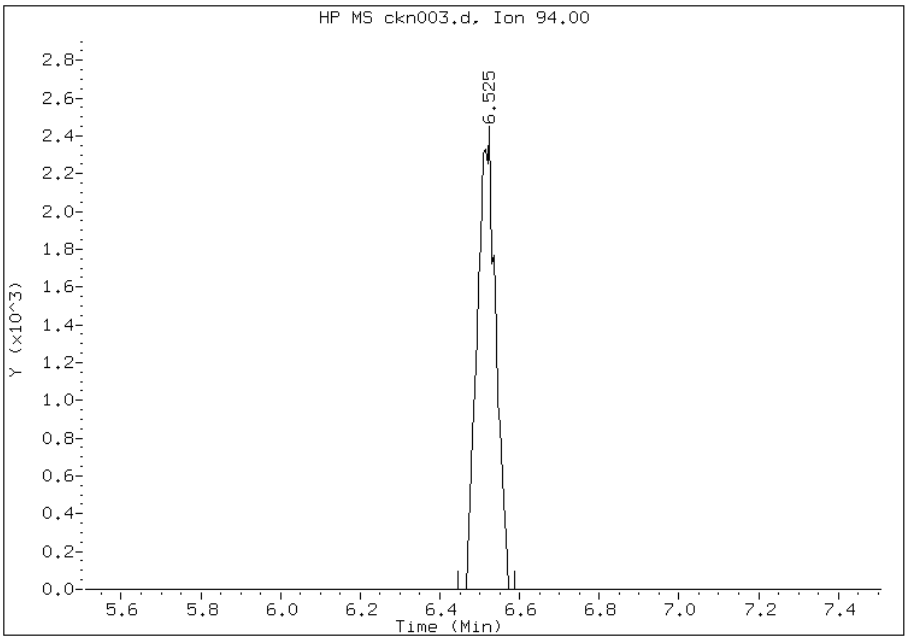
Manual Integration Results

RT: 6.52

Response: 7939

Amount: 0.205109

Conc: 0.205109



File Uploaded By: wrd
Manual Integration Reason: Baseline event

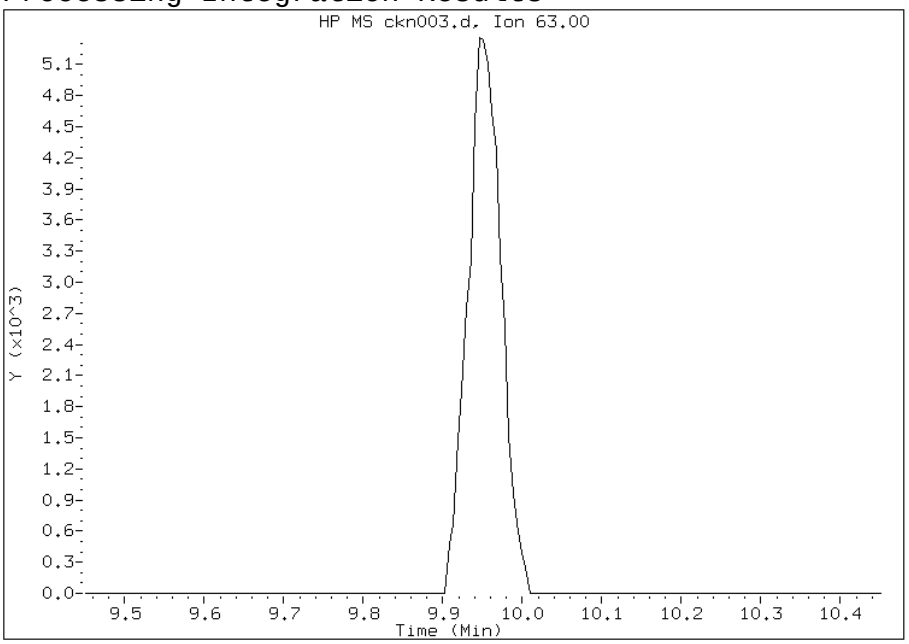
Manual Integration Report

Data File: ckn003.d
Lab Sample ID: ic 260559
Inj. Date and Time: 12-JAN-2012 17:27
Instrument ID: C.i
Client ID: ic 260559
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 01/13/2012

Processing Integration Results

Not Detected

Expected RT: 9.95



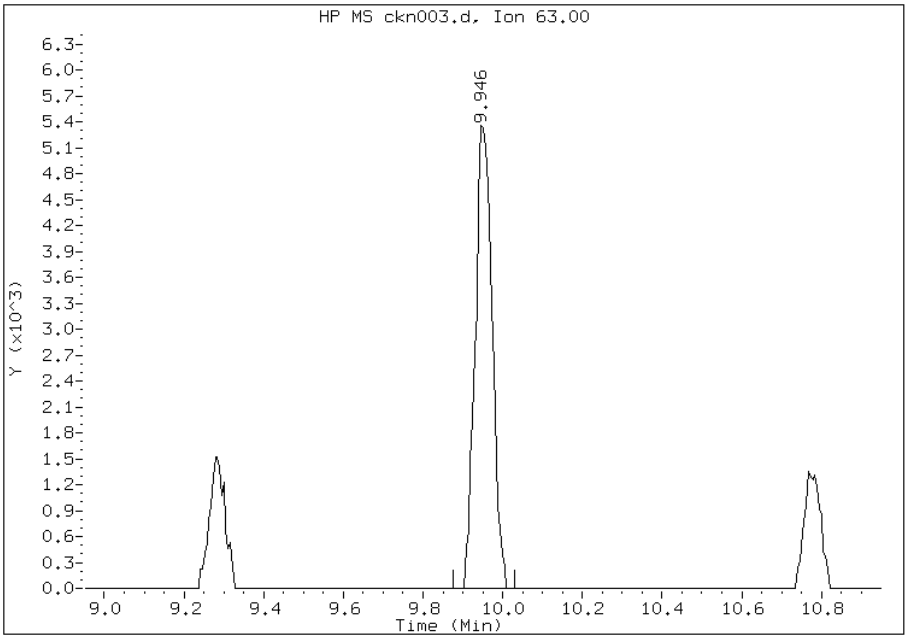
Manual Integration Results

RT: 9.95

Response: 15818

Amount: 0.202547

Conc: 0.202547



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/cknto15.b/ckn004.d
Lab Smp Id: ic 260524 Client Smp ID: ic 260524
Inj Date : 12-JAN-2012 18:17
Operator : pad Inst ID: C.i
Smp Info : ic 260524
Misc Info : 200,1,level 02
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:26 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 18:17 Cal File: ckn004.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	4.982	4.977	(0.448)	16532	0.50000	0.56(a)
2 Dichlorodifluoromethane	85	5.063	5.057	(0.455)	62466	0.50000	0.55
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	33567	0.50000	0.55
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	59489	0.50000	0.50
5 Chloromethane	50	5.527	5.516	(0.497)	20261	0.50000	0.59
6 Butane	43	5.735	5.730	(0.515)	38845	0.50000	0.57
7 Vinyl chloride	62	5.772	5.767	(0.519)	21038	0.50000	0.50
8 1,3-Butadiene	54	5.858	5.847	(0.527)	15779	0.50000	0.48
9 Bromomethane	94	6.520	6.509	(0.586)	18872	0.50000	0.50
10 Chloroethane	64	6.717	6.712	(0.604)	11690	0.50000	0.51
11 2-Methylbutane	43	6.786	6.781	(0.610)	29829	0.50000	0.56
12 Vinyl bromide	106	7.075	7.064	(0.636)	18003	0.50000	0.48
13 Trichlorofluoromethane	101	7.155	7.149	(0.643)	57419	0.50000	0.50
14 Pentane	43	7.261	7.256	(0.653)	40124	0.50000	0.52

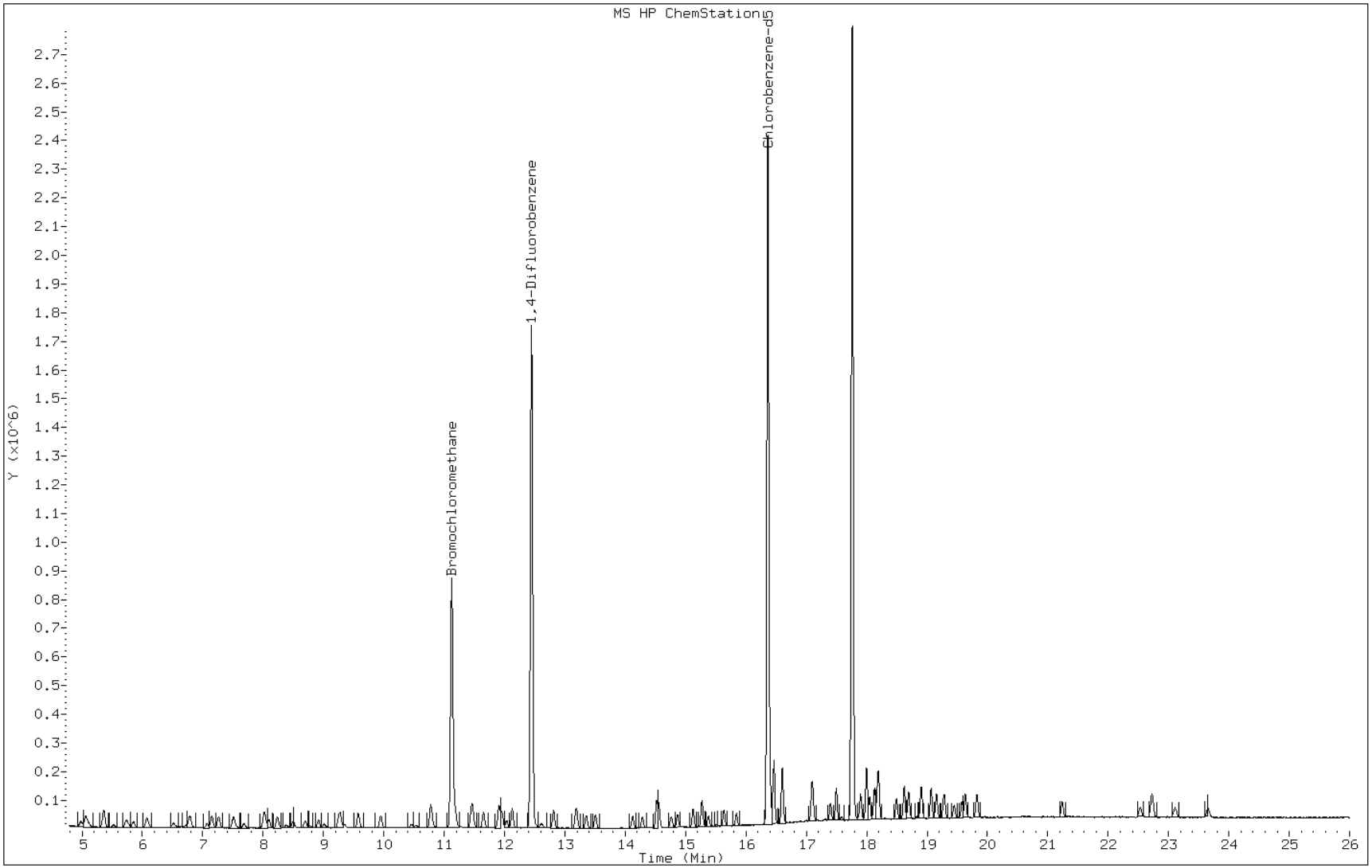
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	7.512	7.485	(0.675)	76762	5.00000	5.6
16	Ethyl ether	59	7.688	7.656	(0.691)	13794	0.50000	0.47(Q)
17	1,1,2-Trichloro-1,2,2-trifluo	101	8.025	8.014	(0.721)	38614	0.50000	0.48
18	Acrolein	56	7.992	7.976	(0.718)	7648	0.50000	0.56(a)
19	1,1-Dichloroethene	96	8.099	8.088	(0.728)	17307	0.50000	0.46
20	Acetone	43	8.238	8.211	(0.740)	80792	0.50000	1.4(a)
21	Carbon disulfide	76	8.499	8.494	(0.764)	54608	0.50000	0.48(a)
22	Isopropanol	45	8.382	8.350	(0.753)	22197	0.50000	0.57(a)
23	Allyl chloride	41	8.697	8.692	(0.782)	25651	0.50000	0.46(a)
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	8.916	8.910	(0.801)	24737	0.50000	0.57
26	Tert-butyl alcohol	59	9.017	8.969	(0.810)	27735	0.50000	0.48(a)
27	Methyl tert-butyl ether	73	9.257	9.231	(0.832)	57834	0.50000	0.48
28	1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	29259	0.50000	0.48
29	Acrylonitrile	53	9.359	9.337	(0.841)	12906	0.50000	0.48(aM)
30	n-Hexane	57	9.578	9.572	(0.861)	34223	0.50000	0.49
31	1,1-Dichloroethane	63	9.951	9.951	(0.894)	37145	0.50000	0.49
32	Vinyl acetate	43	9.946	9.935	(0.894)	41193	0.50000	0.41(a)
M 33	1,2-Dichloroethene,Total	61				50709	1.00000	0.96
34	1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	21450	0.50000	0.48
35	Ethyl acetate	88	10.778	10.762	(0.969)	1696	0.50000	0.44(a)
36	Methyl Ethyl Ketone	72	10.784	10.762	(0.969)	12234	0.50000	0.58(Q)
* 37	Bromochloromethane	128	11.125	11.125	(1.000)	351020	10.0000	
38	Tetrahydrofuran	42	11.189	11.152	(0.899)	20866	0.50000	0.46(a)
39	Chloroform	83	11.173	11.173	(1.004)	44382	0.50000	0.48
40	Cyclohexane	84	11.483	11.477	(0.922)	31155	0.50000	0.47
41	1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	48893	0.50000	0.47
42	Carbon tetrachloride	117	11.648	11.648	(0.936)	48452	0.50000	0.46
43	2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	104825	0.50000	0.46
44	Benzene	78	11.958	11.958	(0.961)	70515	0.50000	0.49
45	1,2-Dichloroethane	62	12.033	12.032	(0.967)	30115	0.50000	0.48
46	n-Heptane	43	12.129	12.129	(0.974)	39862	0.50000	0.47
* 47	1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2028243	10.0000	
48	n-Butanol	56	12.609	12.582	(1.013)	10632	0.50000	0.62(a)
49	Trichloroethene	95	12.817	12.812	(1.030)	29830	0.50000	0.46
50	1,2-Dichloropropane	63	13.180	13.180	(1.059)	23648	0.50000	0.48
51	Methyl methacrylate	69	13.196	13.191	(1.060)	18231	0.50000	0.40(aQ)
52	Dibromomethane	174	13.361	13.356	(1.073)	22309	0.50000	0.44
53	1,4-Dioxane	88	13.345	13.303	(1.072)	7505	0.50000	0.44(a)
54	Bromodichloromethane	83	13.506	13.505	(1.085)	46066	0.50000	0.45
55	1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	36032	0.50000	0.47
56	Methyl isobutyl ketone	43	14.285	14.269	(1.147)	37964	0.50000	0.44(a)
57	n-Octane	43	14.520	14.514	(1.166)	54258	0.50000	0.47(a)
58	Toluene	92	14.557	14.557	(0.890)	49993	0.50000	0.48
59	1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	35929	0.50000	0.45
60	1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	22261	0.50000	0.47
61	Tetrachloroethene	166	15.272	15.272	(0.933)	37222	0.50000	0.44

	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	15.379	15.363	(0.940)	35315	0.50000	0.42(a)
63	Dibromochloromethane	129	15.640	15.635	(0.956)	41133	0.50000	0.42
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	38805	0.50000	0.44
* 65	Chlorobenzene-d5	117	16.361	16.366	(1.000)	1879037	10.0000	
66	Chlorobenzene	112	16.398	16.403	(1.002)	63929	0.50000	0.46(Q)
67	n-Nonane	57	16.462	16.462	(1.006)	44974	0.50000	0.44
68	Ethylbenzene	91	16.462	16.462	(1.006)	102373	0.50000	0.44
69	Xylene (m,p)	106	16.601	16.601	(1.015)	77559	1.00000	0.85
M 70	Xylenes, Total	106				115649	0.50000	1.3
71	Xylene (o)	106	17.092	17.092	(1.045)	38090	0.50000	0.44
72	Styrene	104	17.108	17.113	(1.046)	50872	0.50000	0.38
73	Bromoform	173	17.401	17.401	(1.064)	36148	0.50000	0.38
74	Isopropylbenzene	105	17.498	17.497	(1.069)	104649	0.50000	0.42
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	54922	0.50000	0.44
76	n-Propylbenzene	91	17.994	17.994	(1.100)	118474	0.50000	0.39
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	43125	0.50000	0.43(a)
78	n-Decane	57	18.047	18.047	(1.103)	33541	0.50000	0.28(a)
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	97289	0.50000	0.38
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	93680	0.50000	0.41
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	84290	0.50000	0.38
82	Alpha Methyl Styrene	118	18.496	18.495	(1.130)	34537	0.50000	0.33
83	tert-butylbenzene	119	18.618	18.618	(1.138)	80409	0.50000	0.39
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.143)	78733	0.50000	0.37
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	110806	0.50000	0.37
86	4-Isopropyltoluene	119	19.067	19.066	(1.165)	91672	0.50000	0.36
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	53721	0.50000	0.37
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	53819	0.50000	0.37
89	Benzyl chloride	91	19.445	19.445	(1.189)	51424	0.50000	0.31
90	Undecane	57	19.579	19.573	(1.197)	28853	0.50000	0.24(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	72360	0.50000	0.33
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	54239	0.50000	0.39
93	Dodecane	57	21.239	21.239	(1.298)	30400	0.50000	0.49(a)
94	1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	22296	0.50000	0.30(a)
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	31393	0.50000	0.43
96	Naphthalene	128	23.112	23.107	(1.413)	56653	0.50000	0.34(a)
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.446)	22945	0.50000	0.37

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:	ckn004.d	Date:	12-JAN-2012 18:17
Client ID:	ic 260524	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260524		
Lab Sample ID:	ic 260524		



Manual Integration Report

Data File: ckn004.d
Lab Sample ID: ic 260524
Inj. Date and Time: 12-JAN-2012 18:17
Instrument ID: C.i
Client ID: ic 260524
Compound: 29 Acrylonitrile
CAS #: 107-13-1
Report Date: 01/13/2012

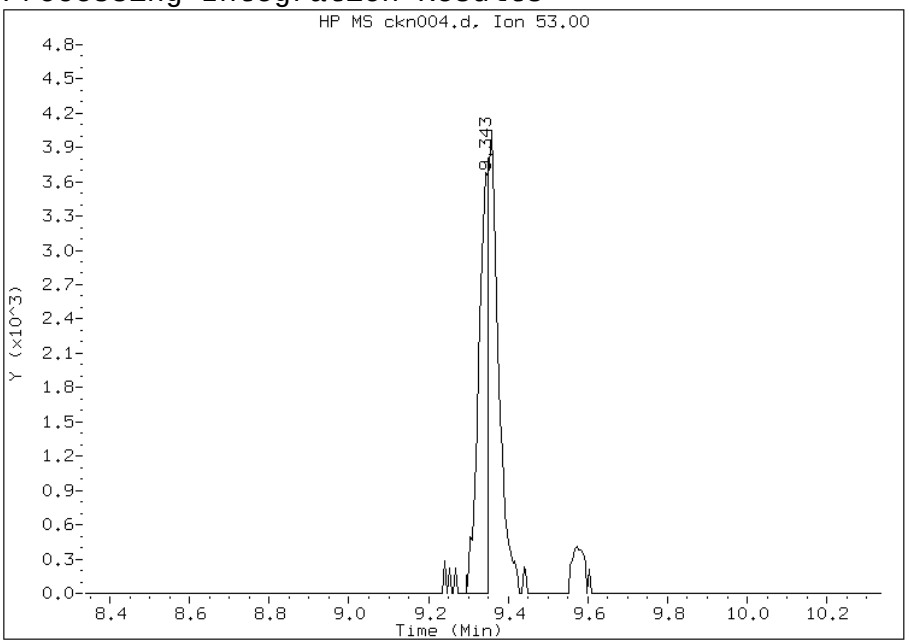
Processing Integration Results

RT: 9.34

Response: 6017

Amount: 0.242255

Conc: 0.242255



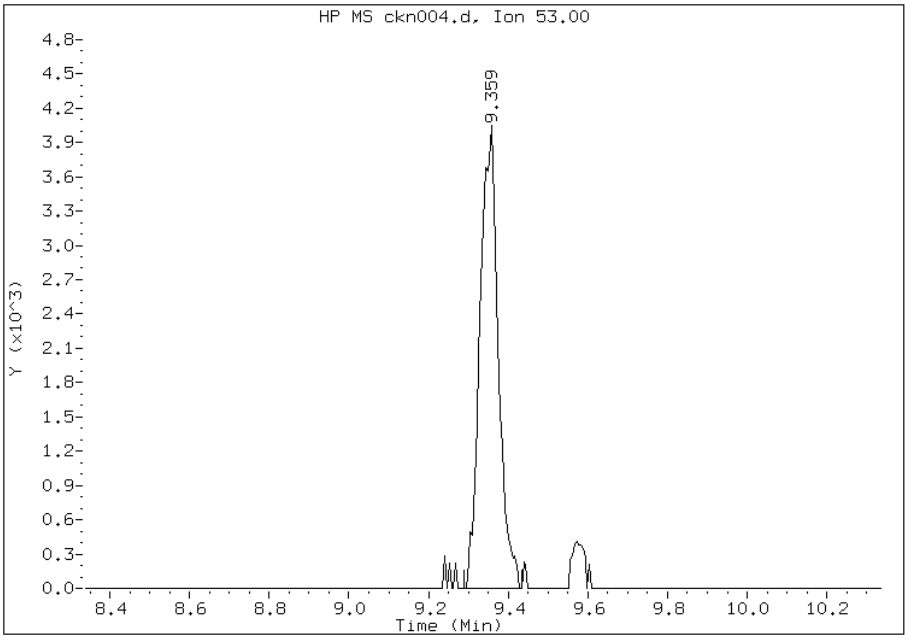
Manual Integration Results

RT: 9.36

Response: 12906

Amount: 0.475642

Conc: 0.475642



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn005.d
Lab Smp Id: ic 275708 Client Smp ID: ic 275708
Inj Date : 12-JAN-2012 19:07
Operator : pad Inst ID: C.i
Smp Info : ic 275708
Misc Info : 200,1,level 03
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 19:07 Cal File: ckn005.d
Als bottle: 4 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	4.982	4.977	(0.448)	164368	5.00000	5.5
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	614618	5.00000	5.4
3 Chlorodifluoromethane	51	5.105	5.100	(0.459)	324595	5.00000	5.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	648231	5.00000	5.4
5 Chloromethane	50	5.516	5.516	(0.496)	183785	5.00000	5.3
6 Butane	43	5.735	5.730	(0.515)	362350	5.00000	5.3
7 Vinyl chloride	62	5.772	5.767	(0.519)	222807	5.00000	5.3
8 1,3-Butadiene	54	5.847	5.847	(0.526)	176420	5.00000	5.4
9 Bromomethane	94	6.514	6.509	(0.586)	202844	5.00000	5.3
10 Chloroethane	64	6.717	6.712	(0.604)	123554	5.00000	5.4
11 2-Methylbutane	43	6.786	6.781	(0.610)	279808	5.00000	5.2
12 Vinyl bromide	106	7.069	7.064	(0.635)	199485	5.00000	5.2
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	604358	5.00000	5.2
14 Pentane	43	7.267	7.256	(0.653)	404848	5.00000	5.2

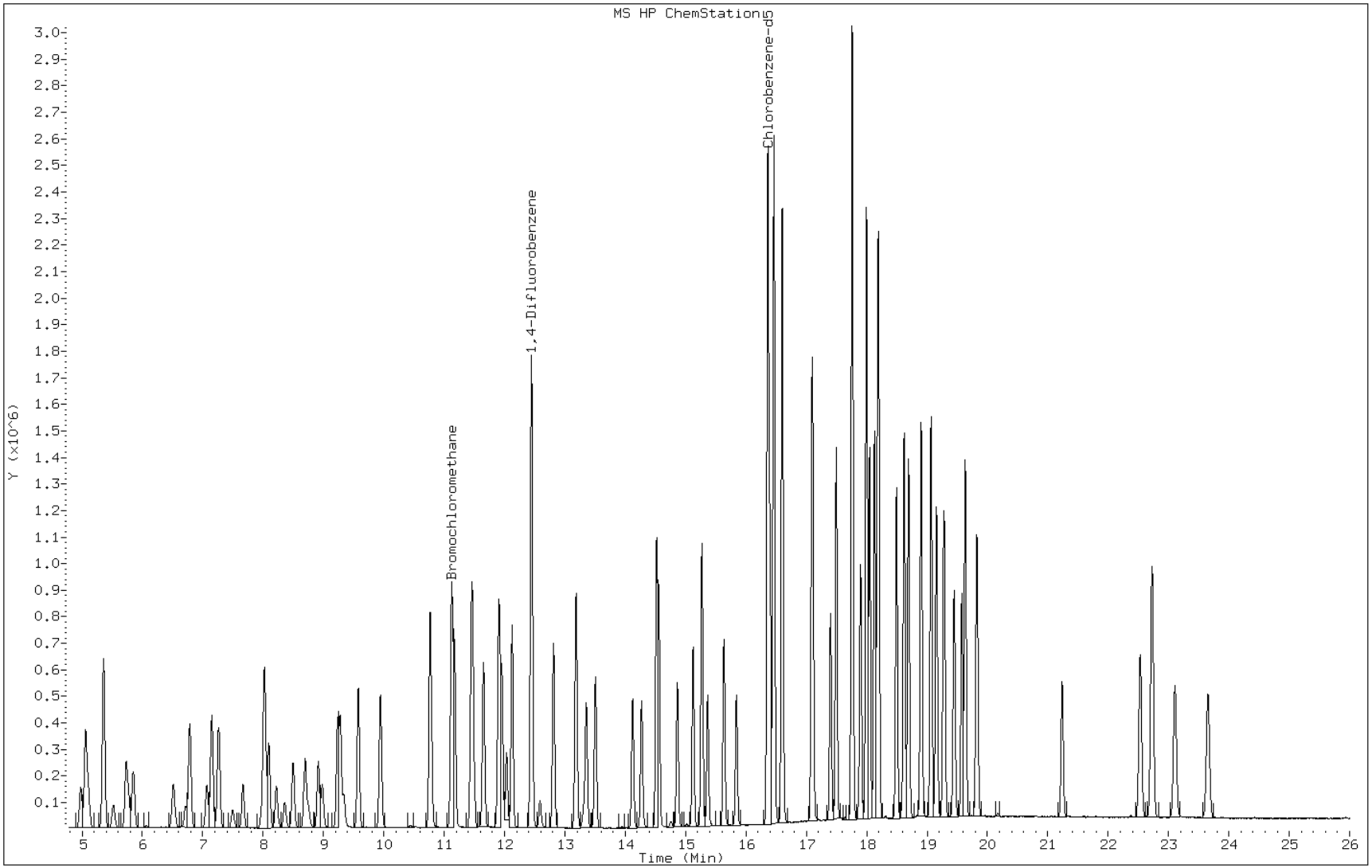
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.496	7.485	(0.674)	126117	10.0000	9.1
	16 Ethyl ether	59	7.667	7.656	(0.689)	154761	5.00000	5.3
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	413393	5.00000	5.1
	18 Acrolein	56	7.982	7.976	(0.717)	75846	5.00000	5.5
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	198005	5.00000	5.2
	20 Acetone	43	8.216	8.211	(0.739)	313487	5.00000	5.5
	21 Carbon disulfide	76	8.494	8.494	(0.763)	592373	5.00000	5.2
	22 Isopropanol	45	8.355	8.350	(0.751)	203747	5.00000	5.2
	23 Allyl chloride	41	8.697	8.692	(0.782)	302623	5.00000	5.4(M)
	24 Acetonitrile	41	8.740	8.692	(0.786)	121102	5.00000	5.1(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	226213	5.00000	5.2
	26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	305635	5.00000	5.2
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	633481	5.00000	5.3
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	322442	5.00000	5.3
	29 Acrylonitrile	53	9.337	9.337	(0.839)	143081	5.00000	5.2
	30 n-Hexane	57	9.577	9.572	(0.861)	366383	5.00000	5.2
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	403002	5.00000	5.3
	32 Vinyl acetate	43	9.940	9.935	(0.894)	532377	5.00000	5.3
M	33 1,2-Dichloroethene,Total	61				553990	10.0000	10
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	231548	5.00000	5.1
	35 Ethyl acetate	88	10.768	10.762	(0.968)	19844	5.00000	5.1
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	104142	5.00000	4.9
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	352678	10.0000	
	38 Tetrahydrofuran	42	11.162	11.152	(0.897)	238074	5.00000	5.3
	39 Chloroform	83	11.173	11.173	(1.004)	485032	5.00000	5.3
	40 Cyclohexane	84	11.477	11.477	(0.922)	341498	5.00000	5.1
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	538969	5.00000	5.2
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	552839	5.00000	5.2
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.956)	1166957	5.00000	5.1
	44 Benzene	78	11.958	11.958	(0.961)	727424	5.00000	5.0
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	328153	5.00000	5.2
	46 n-Heptane	43	12.128	12.129	(0.974)	431540	5.00000	5.1
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2044699	10.0000	
	48 n-Butanol	56	12.593	12.582	(1.012)	90256	5.00000	5.2
	49 Trichloroethene	95	12.812	12.812	(1.029)	331112	5.00000	5.1
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	256158	5.00000	5.1
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	236948	5.00000	5.1
	52 Dibromomethane	174	13.356	13.356	(1.073)	255889	5.00000	5.0
	53 1,4-Dioxane	88	13.308	13.303	(1.069)	84509	5.00000	4.9(a)
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	540096	5.00000	5.2
	55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	399640	5.00000	5.2
	56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	460424	5.00000	5.3
	57 n-Octane	43	14.514	14.514	(1.166)	606415	5.00000	5.2
	58 Toluene	92	14.557	14.557	(0.889)	535528	5.00000	5.1
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	415673	5.00000	5.2
	60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	249184	5.00000	5.2
	61 Tetrachloroethene	166	15.267	15.272	(0.933)	428265	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	15.363	15.363	(0.939)	438850	5.00000	5.2
63	Dibromochloromethane	129	15.635	15.635	(0.955)	520996	5.00000	5.2
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	461773	5.00000	5.2
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1898863	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	717855	5.00000	5.1
67	n-Nonane	57	16.462	16.462	(1.006)	547437	5.00000	5.3
68	Ethylbenzene	91	16.462	16.462	(1.006)	1194740	5.00000	5.1
69	Xylene (m,p)	106	16.601	16.601	(1.014)	925189	10.0000	10
M 70	Xylenes, Total	106				1374461	5.00000	15
71	Xylene (o)	106	17.092	17.092	(1.044)	449272	5.00000	5.1
72	Styrene	104	17.108	17.113	(1.045)	699238	5.00000	5.1
73	Bromoform	173	17.401	17.401	(1.063)	494064	5.00000	5.1
74	Isopropylbenzene	105	17.497	17.497	(1.069)	1293182	5.00000	5.1
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	654677	5.00000	5.2
76	n-Propylbenzene	91	17.994	17.994	(1.099)	1575451	5.00000	5.1
77	1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	522434	5.00000	5.2
78	n-Decane	57	18.047	18.047	(1.103)	620292	5.00000	5.0
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	1346208	5.00000	5.1
80	2-Chlorotoluene	91	18.180	18.181	(1.111)	1183380	5.00000	5.2
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	1146247	5.00000	5.1
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	556905	5.00000	5.3
83	tert-butylbenzene	119	18.618	18.618	(1.138)	1055687	5.00000	5.1
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	1128080	5.00000	5.2
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	1559326	5.00000	5.1
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	1314382	5.00000	5.1
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	748042	5.00000	5.1
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	737997	5.00000	5.0
89	Benzyl chloride	91	19.445	19.445	(1.188)	996124	5.00000	6.0
90	Undecane	57	19.573	19.573	(1.196)	416503	5.00000	3.5(a)
91	n-Butylbenzene	91	19.632	19.632	(1.200)	1169618	5.00000	5.3
92	1,2-Dichlorobenzene	146	19.824	19.830	(1.211)	716800	5.00000	5.1
93	Dodecane	57	21.239	21.239	(1.298)	290136	5.00000	4.6(a)
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	396780	5.00000	5.3
95	1,3-Hexachlorobutadiene	225	22.728	22.733	(1.389)	364954	5.00000	5.0
96	Naphthalene	128	23.106	23.107	(1.412)	907861	5.00000	5.5
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	333083	5.00000	5.3

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:	ckn005.d	Date:	12-JAN-2012 19:07
Client ID:	ic 275708	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 275708		
Lab Sample ID:	ic 275708		



Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

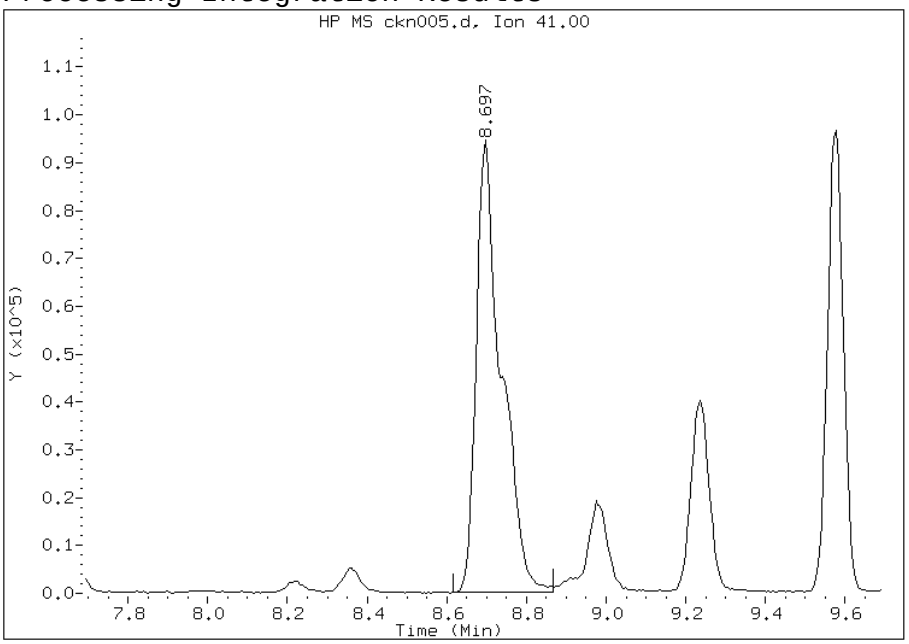
Processing Integration Results

RT: 8.70

Response: 411674

Amount: 5.31

Conc: 5.31



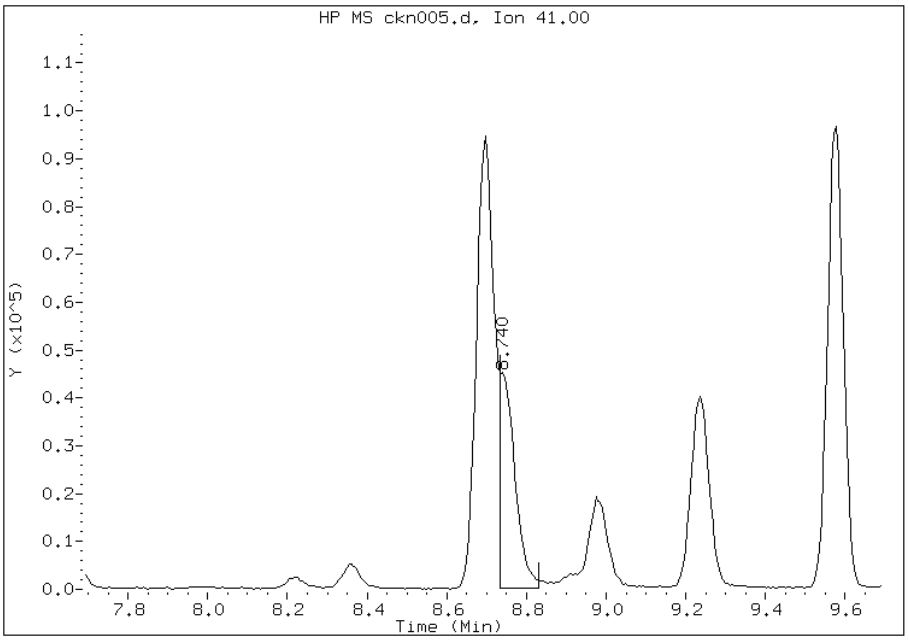
Manual Integration Results

RT: 8.74

Response: 121102

Amount: 5.07

Conc: 5.07



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn005.d
Lab Sample ID: ic 275708
Inj. Date and Time: 12-JAN-2012 19:07
Instrument ID: C.i
Client ID: ic 275708
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

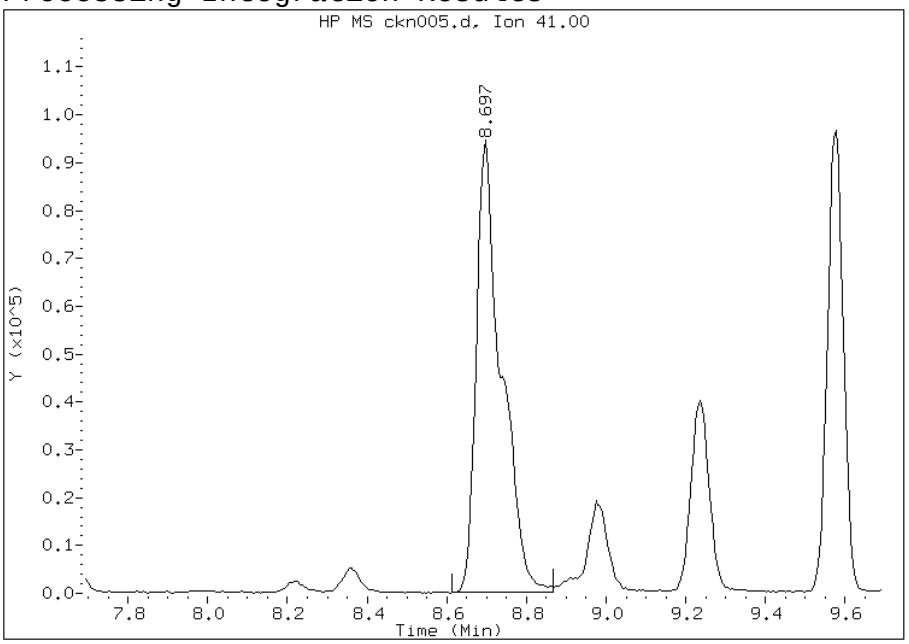
Processing Integration Results

RT: 8.70

Response: 411899

Amount: 6.18

Conc: 6.18



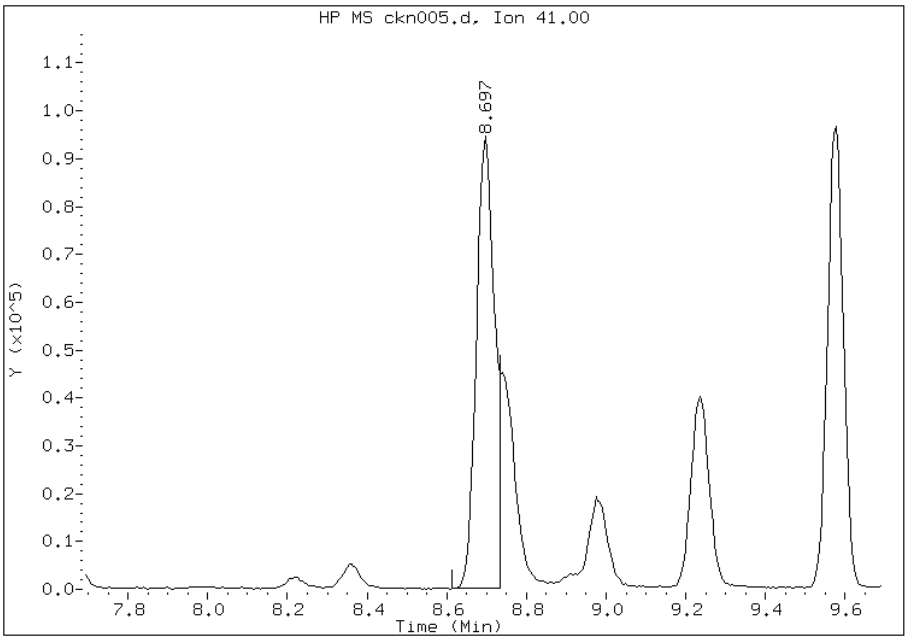
Manual Integration Results

RT: 8.70

Response: 302623

Amount: 5.37

Conc: 5.37



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn006.d
Lab Smp Id: icis 275681 Client Smp ID: icis 275681
Inj Date : 12-JAN-2012 19:56
Operator : pad Inst ID: C.i
Smp Info : icis 275681
Misc Info : 200,1,level 04
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 19:56 Cal File: ckn006.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	4.977	4.977	(0.447)	314426	10.0000	10
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	1193357	10.0000	10
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	634842	10.0000	9.9
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.481)	1261386	10.0000	10
5 Chloromethane	50	5.516	5.516	(0.496)	352904	10.0000	9.7
6 Butane	43	5.730	5.730	(0.515)	709222	10.0000	9.8
7 Vinyl chloride	62	5.767	5.767	(0.518)	443210	10.0000	10
8 1,3-Butadiene	54	5.847	5.847	(0.526)	347389	10.0000	10
9 Bromomethane	94	6.509	6.509	(0.585)	396006	10.0000	9.9
10 Chloroethane	64	6.712	6.712	(0.603)	239319	10.0000	9.9
11 2-Methylbutane	43	6.781	6.781	(0.610)	541983	10.0000	9.6
12 Vinyl bromide	106	7.064	7.064	(0.635)	397587	10.0000	10
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	1188424	10.0000	9.8
14 Pentane	43	7.256	7.256	(0.652)	798336	10.0000	9.8

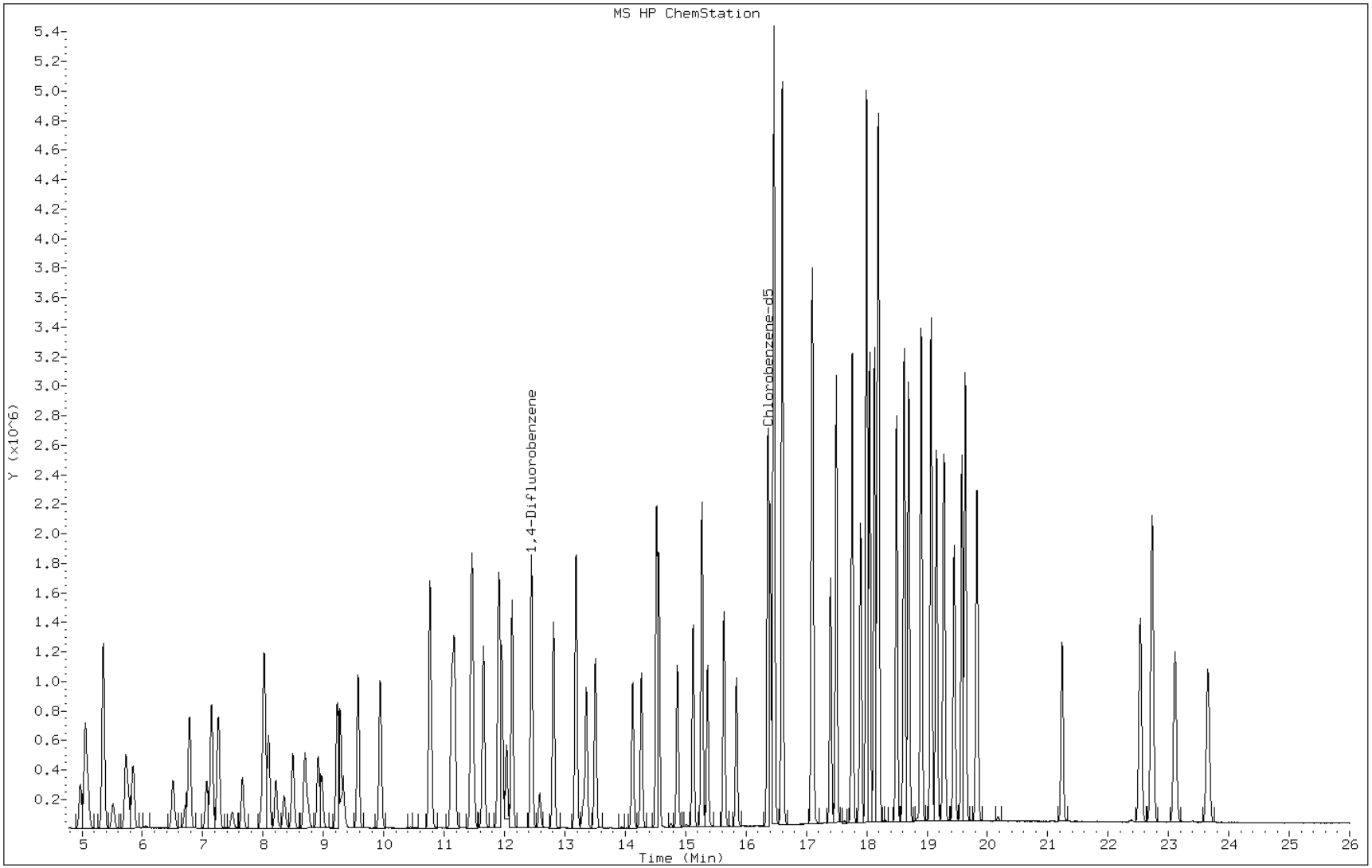
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.485	7.485	(0.673)	210175	15.0000	14
	16 Ethyl ether	59	7.656	7.656	(0.688)	321921	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.720)	820421	10.0000	9.7
	18 Acrolein	56	7.976	7.976	(0.717)	162005	10.0000	11
	19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	397140	10.0000	10
	20 Acetone	43	8.211	8.211	(0.738)	626319	10.0000	10
	21 Carbon disulfide	76	8.494	8.494	(0.764)	1186028	10.0000	9.9
	22 Isopropanol	45	8.350	8.350	(0.751)	450077	10.0000	11
	23 Allyl chloride	41	8.692	8.692	(0.781)	595173	10.0000	10(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	244482	10.0000	9.8(QM)
	25 Methylene chloride	49	8.910	8.910	(0.801)	432115	10.0000	9.5
	26 Tert-butyl alcohol	59	8.969	8.969	(0.806)	660300	10.0000	11
	27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	1319326	10.0000	10
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	627754	10.0000	9.8
	29 Acrylonitrile	53	9.337	9.337	(0.839)	292396	10.0000	10
	30 n-Hexane	57	9.572	9.572	(0.860)	719803	10.0000	9.8
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	793943	10.0000	9.9
	32 Vinyl acetate	43	9.935	9.935	(0.893)	1110237	10.0000	11
M	33 1,2-Dichloroethene,Total	61				1093658	20.0000	20
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.968)	465904	10.0000	9.8
	35 Ethyl acetate	88	10.762	10.762	(0.967)	42869	10.0000	10
	36 Methyl Ethyl Ketone	72	10.762	10.762	(0.967)	222224	10.0000	10
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	370433	10.0000	
	38 Tetrahydrofuran	42	11.152	11.152	(0.896)	491656	10.0000	11
	39 Chloroform	83	11.173	11.173	(1.004)	962534	10.0000	9.9
	40 Cyclohexane	84	11.477	11.477	(0.922)	678699	10.0000	9.8
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1077750	10.0000	10
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	1101077	10.0000	10
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2363284	10.0000	10
	44 Benzene	78	11.958	11.958	(0.961)	1463974	10.0000	9.7
	45 1,2-Dichloroethane	62	12.032	12.032	(0.967)	657267	10.0000	10
	46 n-Heptane	43	12.129	12.129	(0.975)	875364	10.0000	10
*	47 1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2111595	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	193845	10.0000	11
	49 Trichloroethene	95	12.812	12.812	(1.030)	663493	10.0000	9.8
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	517389	10.0000	10
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	515934	10.0000	11
	52 Dibromomethane	174	13.356	13.356	(1.073)	523241	10.0000	10
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	190925	10.0000	11
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	1096972	10.0000	10
	55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	815107	10.0000	10
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.147)	983555	10.0000	11
	57 n-Octane	43	14.514	14.514	(1.166)	1218080	10.0000	10
	58 Toluene	92	14.557	14.557	(0.889)	1094900	10.0000	10
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	847266	10.0000	10
	60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	499976	10.0000	10
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	895881	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	15.363	15.363	(0.939)	960549	10.0000	11
63	Dibromochloromethane	129	15.635	15.635	(0.955)	1076717	10.0000	10
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	940321	10.0000	10
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1980776	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	1456155	10.0000	10
67	n-Nonane	57	16.462	16.462	(1.006)	1149631	10.0000	11
68	Ethylbenzene	91	16.462	16.462	(1.006)	2530631	10.0000	10
69	Xylene (m,p)	106	16.601	16.601	(1.014)	1995781	20.0000	21
M 70	Xylenes, Total	106				2948173	10.0000	31
71	Xylene (o)	106	17.092	17.092	(1.044)	952392	10.0000	10
72	Styrene	104	17.113	17.113	(1.046)	1534206	10.0000	11
73	Bromoform	173	17.401	17.401	(1.063)	1061970	10.0000	10
74	Isopropylbenzene	105	17.497	17.497	(1.069)	2774311	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	1365856	10.0000	10
76	n-Propylbenzene	91	17.994	17.994	(1.099)	3445403	10.0000	11
77	1,2,3-Trichloropropane	75	17.994	17.994	(1.099)	1102943	10.0000	10
78	n-Decane	57	18.047	18.047	(1.103)	1406975	10.0000	11
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	2939260	10.0000	11
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	2494856	10.0000	10
81	1,3,5-Trimethylbenzene	105	18.197	18.197	(1.112)	2533871	10.0000	11
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1236433	10.0000	11
83	tert-butylbenzene	119	18.618	18.618	(1.138)	2318457	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	2473176	10.0000	11
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	3460403	10.0000	11
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	2951004	10.0000	11
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	1624238	10.0000	11
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	1607654	10.0000	11
89	Benzyl chloride	91	19.445	19.445	(1.188)	2175384	10.0000	13
90	Undecane	57	19.573	19.573	(1.196)	1238862	10.0000	9.9
91	n-Butylbenzene	91	19.632	19.632	(1.200)	2642499	10.0000	11
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	1541816	10.0000	11
93	Dodecane	57	21.239	21.239	(1.298)	693161	10.0000	11
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	899429	10.0000	12
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	796994	10.0000	10
96	Naphthalene	128	23.107	23.107	(1.412)	2080516	10.0000	12
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	734647	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn006.d	Date:	12-JAN-2012 19:56
Client ID:	icis 275681	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icis 275681		
Lab Sample ID:	icis 275681		



Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

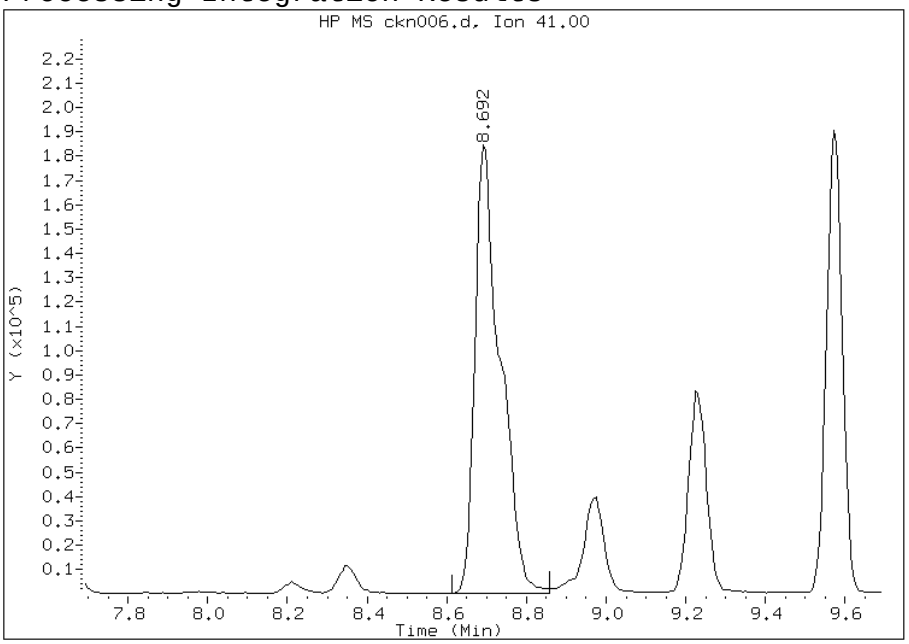
Processing Integration Results

RT: 8.69

Response: 813387

Amount: 10.00

Conc: 10.00



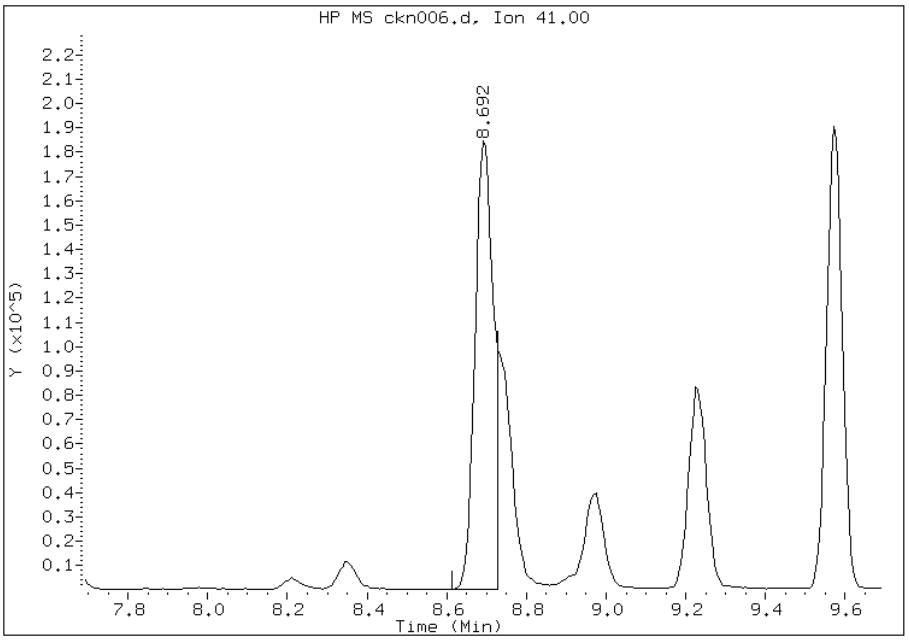
Manual Integration Results

RT: 8.69

Response: 595173

Amount: 10.06

Conc: 10.06



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn006.d
Lab Sample ID: icis 275681
Inj. Date and Time: 12-JAN-2012 19:56
Instrument ID: C.i
Client ID: icis 275681
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

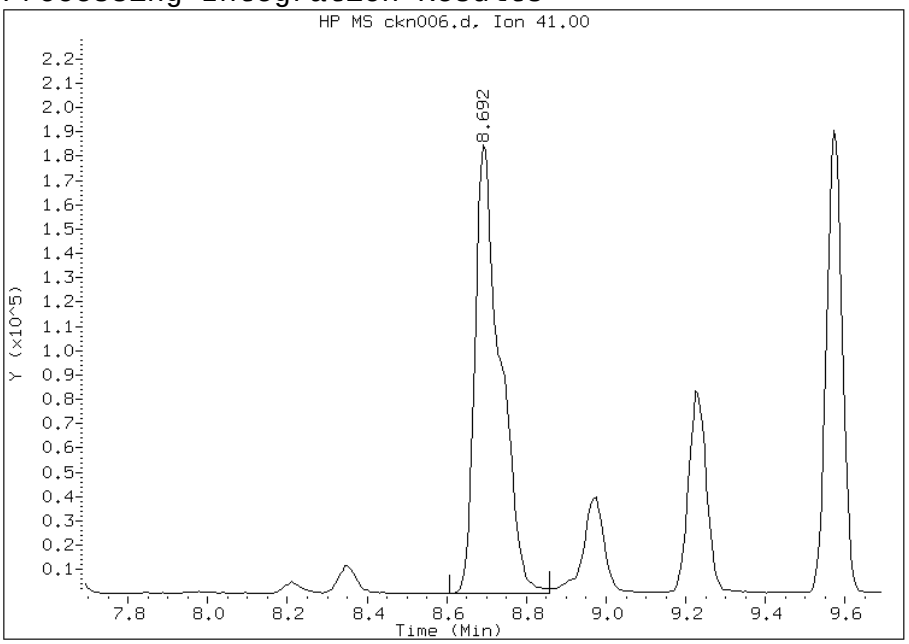
Processing Integration Results

RT: 8.69

Response: 814880

Amount: 11.76

Conc: 11.76



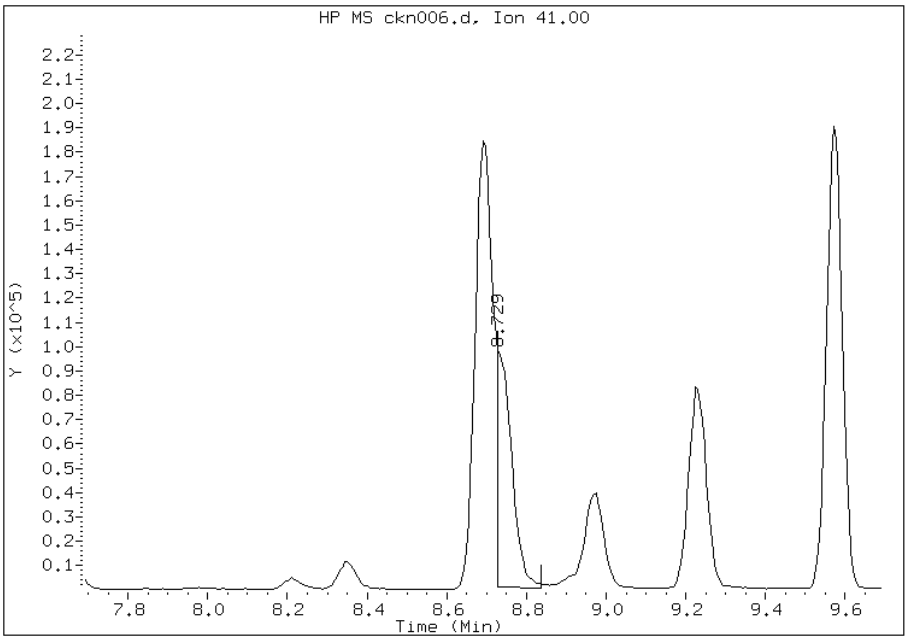
Manual Integration Results

RT: 8.73

Response: 244482

Amount: 9.75

Conc: 9.75



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn007.d
Lab Smp Id: ic 260512 Client Smp ID: ic 260512
Inj Date : 12-JAN-2012 20:47
Operator : pad Inst ID: C.i
Smp Info : ic 260512
Misc Info : 200,1,level 05
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 20:47 Cal File: ckn007.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	4.982	4.977	(0.448)	485356	15.0000	15
2	Dichlorodifluoromethane	85	5.062	5.057	(0.455)	1854488	15.0000	15
3	Chlorodifluoromethane	51	5.110	5.100	(0.459)	996752	15.0000	15
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	1997449	15.0000	15
5	Chloromethane	50	5.521	5.516	(0.496)	549575	15.0000	14
6	Butane	43	5.735	5.730	(0.515)	1121511	15.0000	15
7	Vinyl chloride	62	5.778	5.767	(0.519)	692836	15.0000	15
8	1,3-Butadiene	54	5.852	5.847	(0.526)	547311	15.0000	15
9	Bromomethane	94	6.519	6.509	(0.586)	630692	15.0000	15
10	Chloroethane	64	6.717	6.712	(0.604)	381408	15.0000	15
11	2-Methylbutane	43	6.786	6.781	(0.610)	855830	15.0000	14
12	Vinyl bromide	106	7.069	7.064	(0.635)	636192	15.0000	15
13	Trichlorofluoromethane	101	7.154	7.149	(0.643)	1917664	15.0000	15
14	Pentane	43	7.267	7.256	(0.653)	1305041	15.0000	15

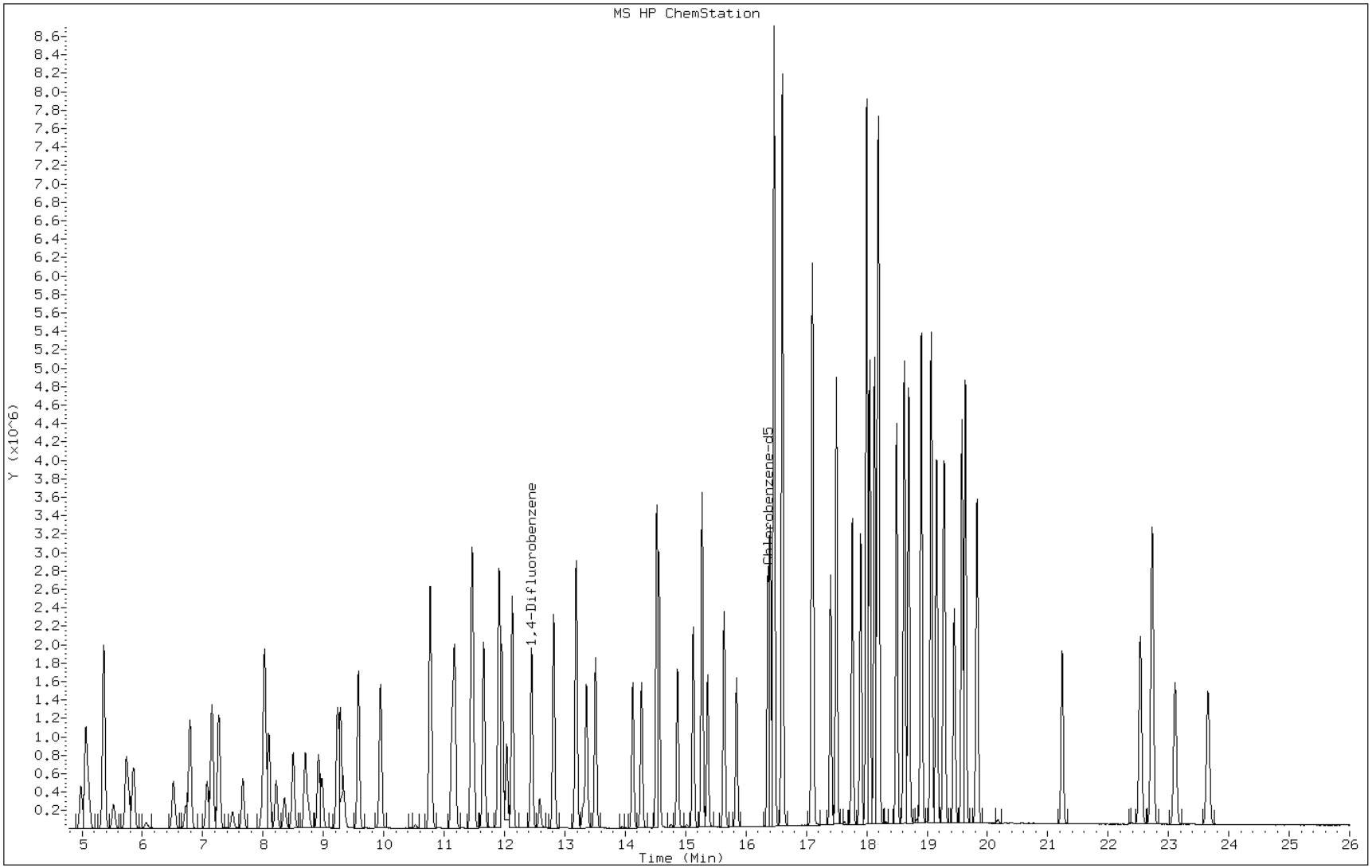
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.491	7.485	(0.673)	325033	20.0000	21
	16 Ethyl ether	59	7.661	7.656	(0.689)	499536	15.0000	15
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1355175	15.0000	15
	18 Acrolein	56	7.982	7.976	(0.717)	209253	15.0000	14
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	654204	15.0000	16
	20 Acetone	43	8.217	8.211	(0.739)	1009349	15.0000	16
	21 Carbon disulfide	76	8.499	8.494	(0.764)	1930584	15.0000	15
	22 Isopropanol	45	8.355	8.350	(0.751)	672277	15.0000	15
	23 Allyl chloride	41	8.697	8.692	(0.782)	1022329	15.0000	16(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	434480	15.0000	16(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	703655	15.0000	15
	26 Tert-butyl alcohol	59	8.974	8.969	(0.807)	1007457	15.0000	16
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	2048683	15.0000	15
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	1032134	15.0000	15
	29 Acrylonitrile	53	9.343	9.337	(0.840)	464850	15.0000	15
	30 n-Hexane	57	9.577	9.572	(0.861)	1183134	15.0000	15
	31 1,1-Dichloroethane	63	9.956	9.951	(0.895)	1283068	15.0000	15
	32 Vinyl acetate	43	9.940	9.935	(0.894)	1643135	15.0000	15
M	33 1,2-Dichloroethene,Total	61				1789317	30.0000	31
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	757183	15.0000	15
	35 Ethyl acetate	88	10.768	10.762	(0.968)	66490	15.0000	15
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	350008	15.0000	15
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	389958	10.0000	
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	753459	15.0000	15
	39 Chloroform	83	11.178	11.173	(1.005)	1547981	15.0000	15
	40 Cyclohexane	84	11.477	11.477	(0.922)	1130422	15.0000	15
	41 1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	1741905	15.0000	15
	42 Carbon tetrachloride	117	11.653	11.648	(0.936)	1794005	15.0000	15
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	3839664	15.0000	15
	44 Benzene	78	11.958	11.958	(0.961)	2378506	15.0000	15
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	1046724	15.0000	15
	46 n-Heptane	43	12.128	12.129	(0.974)	1422186	15.0000	15
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2222189	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	265595	15.0000	14
	49 Trichloroethene	95	12.817	12.812	(1.030)	1089895	15.0000	15
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	824439	15.0000	15
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	802172	15.0000	16
	52 Dibromomethane	174	13.361	13.356	(1.073)	860910	15.0000	16
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	288519	15.0000	15
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	1750887	15.0000	16
	55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	1291237	15.0000	15
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1501938	15.0000	16
	57 n-Octane	43	14.519	14.514	(1.166)	1938680	15.0000	15
	58 Toluene	92	14.557	14.557	(0.889)	1770416	15.0000	16
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	1327083	15.0000	15
	60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	794623	15.0000	15
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	1464780	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	15.363	15.363	(0.939)	1451528	15.0000	16
63	Dibromochloromethane	129	15.640	15.635	(0.956)	1736454	15.0000	16
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	1511953	15.0000	16
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2054450	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	2328319	15.0000	15
67	n-Nonane	57	16.462	16.462	(1.006)	1835314	15.0000	16
68	Ethylbenzene	91	16.462	16.462	(1.006)	4070299	15.0000	16
69	Xylene (m,p)	106	16.601	16.601	(1.014)	3233954	30.0000	33
M 70	Xylenes, Total	106				4754973	15.0000	49
71	Xylene (o)	106	17.092	17.092	(1.044)	1521019	15.0000	16
72	Styrene	104	17.113	17.113	(1.046)	2450159	15.0000	17
73	Bromoform	173	17.401	17.401	(1.063)	1714401	15.0000	16
74	Isopropylbenzene	105	17.497	17.497	(1.069)	4451344	15.0000	16
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2126291	15.0000	16
76	n-Propylbenzene	91	17.999	17.994	(1.100)	5530963	15.0000	17
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	1734368	15.0000	16
78	n-Decane	57	18.047	18.047	(1.103)	2291481	15.0000	17
79	4-Ethyltoluene	105	18.132	18.127	(1.108)	4716078	15.0000	17
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	4028893	15.0000	16
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	4115170	15.0000	17
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1952598	15.0000	17
83	tert-butylbenzene	119	18.618	18.618	(1.138)	3702181	15.0000	17
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	3931491	15.0000	17
85	sec-Butylbenzene	105	18.906	18.901	(1.155)	5562365	15.0000	17
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	4730900	15.0000	17
87	1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	2580727	15.0000	16
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	2560692	15.0000	16
89	Benzyl chloride	91	19.451	19.445	(1.188)	2721612	15.0000	15
90	Undecane	57	19.579	19.573	(1.196)	2214195	15.0000	17
91	n-Butylbenzene	91	19.632	19.632	(1.200)	4205383	15.0000	17
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	2423759	15.0000	16
93	Dodecane	57	21.239	21.239	(1.298)	1076324	15.0000	16
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	1323161	15.0000	16
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1247073	15.0000	16
96	Naphthalene	128	23.106	23.107	(1.412)	2761811	15.0000	15
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1034883	15.0000	15

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn007.d	Date:	12-JAN-2012 20:47
Client ID:	ic 260512	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260512		
Lab Sample ID:	ic 260512		



Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

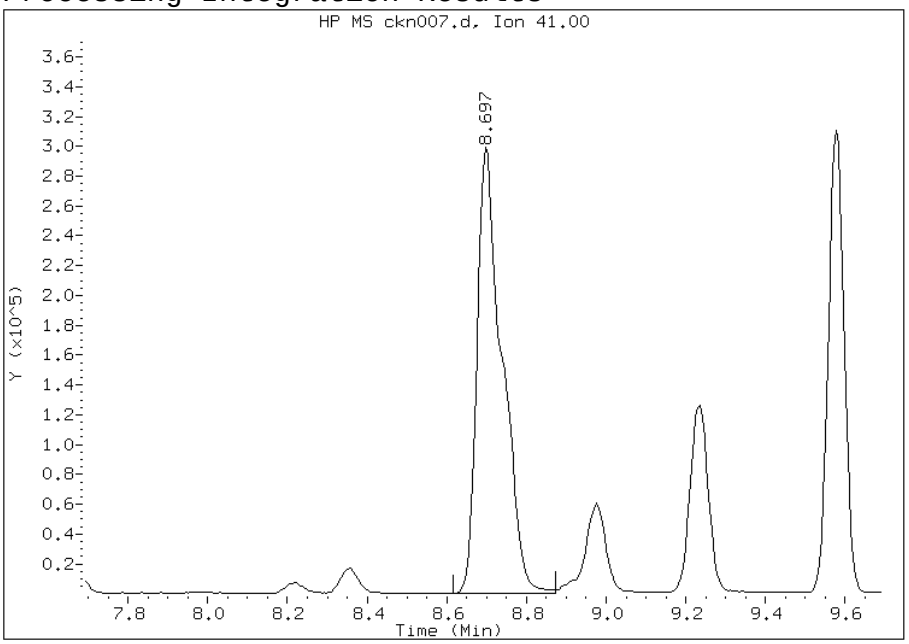
Processing Integration Results

RT: 8.70

Response: 1306524

Amount: 21.45

Conc: 21.45



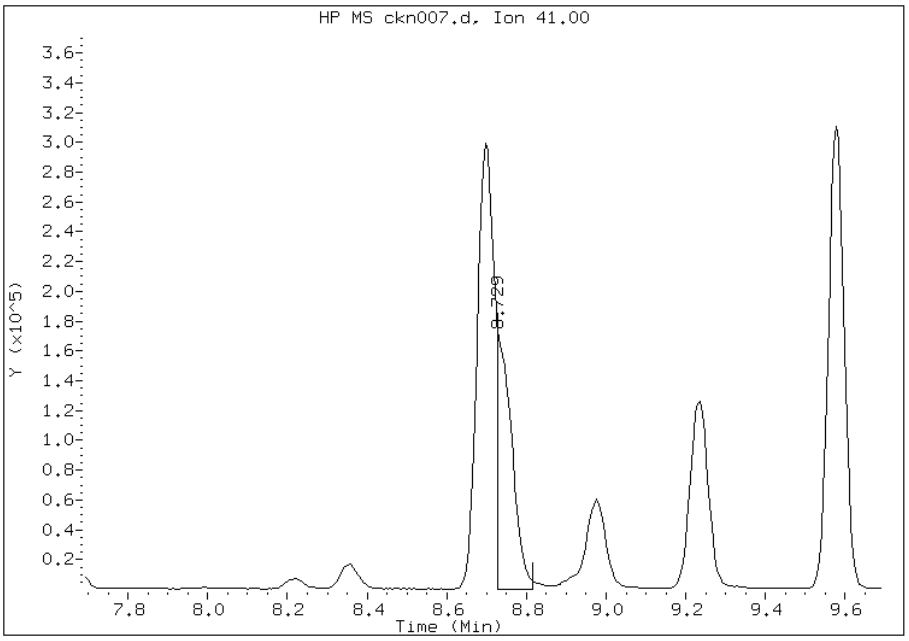
Manual Integration Results

RT: 8.73

Response: 434480

Amount: 16.46

Conc: 16.46



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn007.d
Lab Sample ID: ic 260512
Inj. Date and Time: 12-JAN-2012 20:47
Instrument ID: C.i
Client ID: ic 260512
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

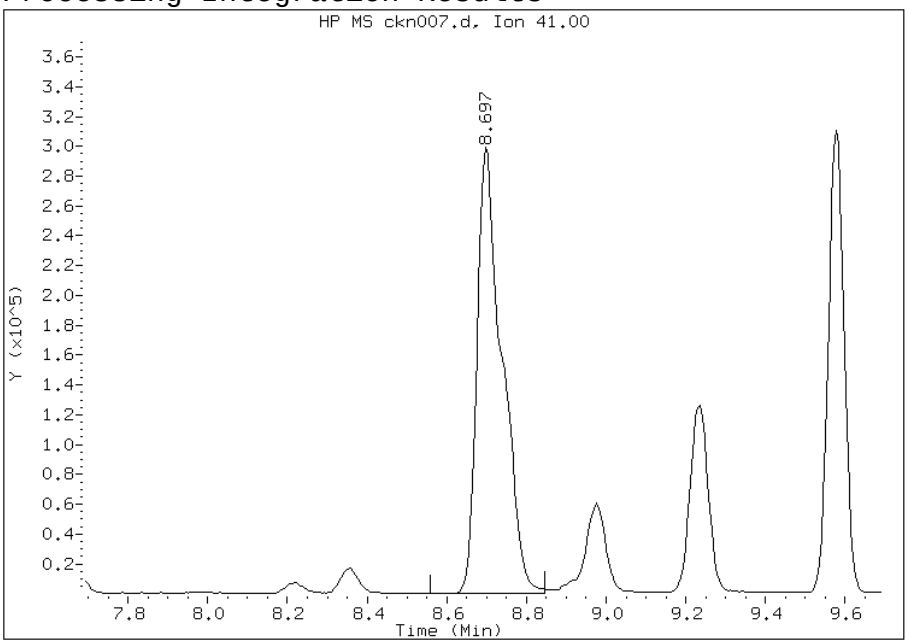
Processing Integration Results

RT: 8.70

Response: 1304060

Amount: 17.08

Conc: 17.08



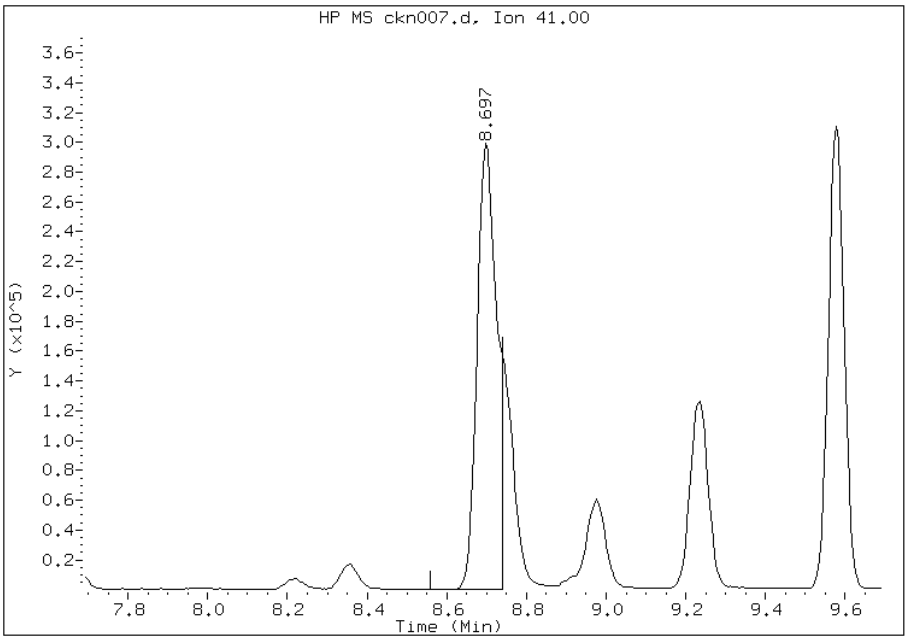
Manual Integration Results

RT: 8.70

Response: 1022329

Amount: 16.42

Conc: 16.42



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn008.d
Lab Smp Id: ic 260506 Client Smp ID: ic 260506
Inj Date : 12-JAN-2012 21:37
Operator : pad Inst ID: C.i
Smp Info : ic 260506
Misc Info : 200,1,level 06
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 21:37 Cal File: ckn008.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	4.977	4.977	(0.447)	642156	20.0000	19
2 Dichlorodifluoromethane	85	5.057	5.057	(0.455)	2485758	20.0000	19
3 Chlorodifluoromethane	51	5.100	5.100	(0.458)	1354442	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	2734338	20.0000	20
5 Chloromethane	50	5.516	5.516	(0.496)	744558	20.0000	19
6 Butane	43	5.730	5.730	(0.515)	1502450	20.0000	19
7 Vinyl chloride	62	5.767	5.767	(0.518)	943665	20.0000	20
8 1,3-Butadiene	54	5.847	5.847	(0.526)	748317	20.0000	20
9 Bromomethane	94	6.514	6.509	(0.586)	857039	20.0000	20
10 Chloroethane	64	6.712	6.712	(0.603)	518949	20.0000	20
11 2-Methylbutane	43	6.781	6.781	(0.610)	1154428	20.0000	19
12 Vinyl bromide	106	7.069	7.064	(0.635)	876421	20.0000	20
13 Trichlorofluoromethane	101	7.149	7.149	(0.643)	2619217	20.0000	20
14 Pentane	43	7.261	7.256	(0.653)	1778599	20.0000	20

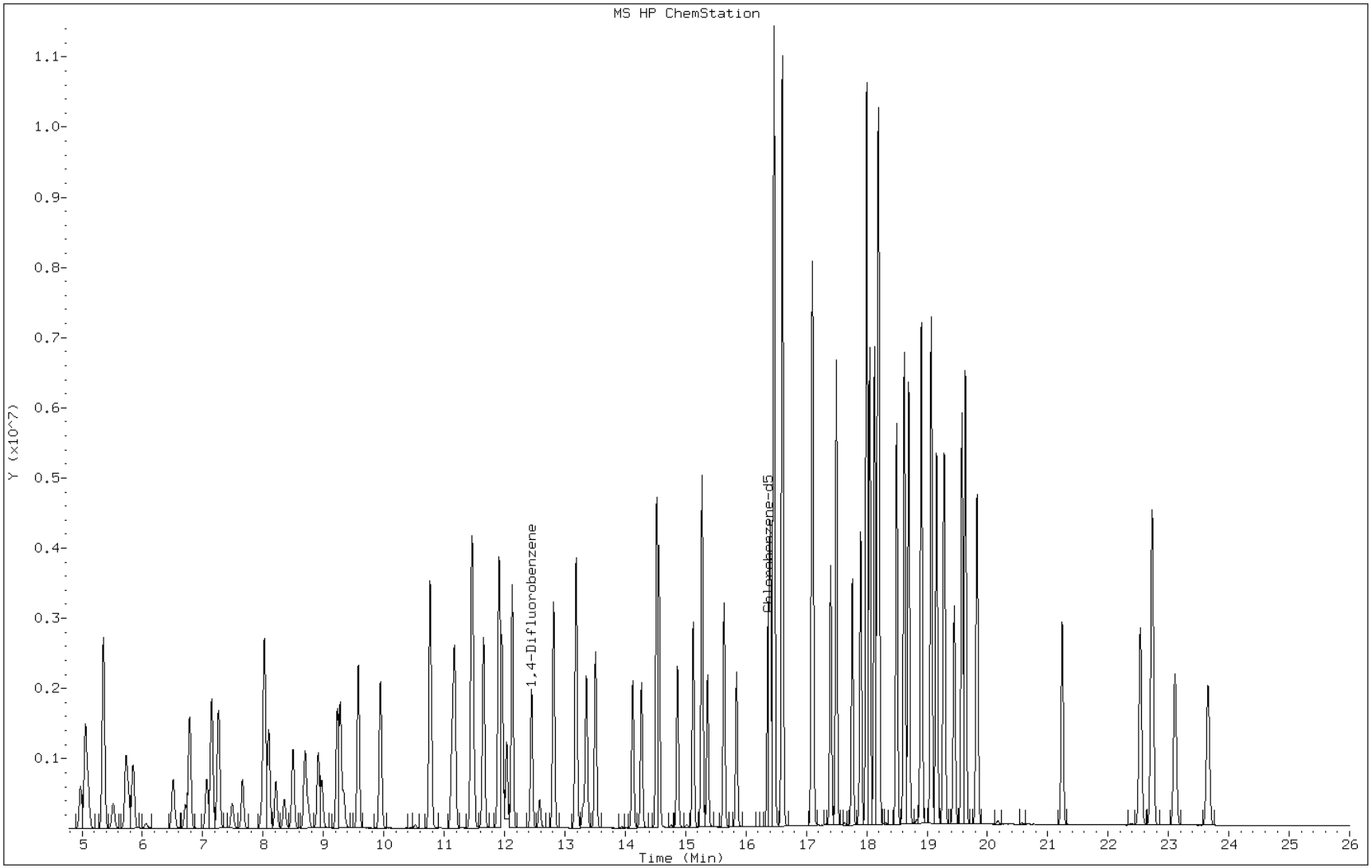
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.491	7.485	(0.673)	655374	40.0000	41
	16 Ethyl ether	59	7.656	7.656	(0.688)	653922	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.721)	1878862	20.0000	20
	18 Acrolein	56	7.977	7.976	(0.717)	255980	20.0000	16
	19 1,1-Dichloroethene	96	8.094	8.088	(0.728)	903288	20.0000	21
	20 Acetone	43	8.211	8.211	(0.738)	1289077	20.0000	20
	21 Carbon disulfide	76	8.500	8.494	(0.764)	2656196	20.0000	20
	22 Isopropanol	45	8.350	8.350	(0.751)	840327	20.0000	19
	23 Allyl chloride	41	8.697	8.692	(0.782)	1288376	20.0000	20(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	506136	20.0000	19(QM)
	25 Methylene chloride	49	8.911	8.910	(0.801)	957117	20.0000	19
	26 Tert-butyl alcohol	59	8.975	8.969	(0.807)	1254439	20.0000	19
	27 Methyl tert-butyl ether	73	9.231	9.231	(0.830)	2673066	20.0000	19
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	1417165	20.0000	20
	29 Acrylonitrile	53	9.338	9.337	(0.839)	599940	20.0000	19
	30 n-Hexane	57	9.578	9.572	(0.861)	1626390	20.0000	20
	31 1,1-Dichloroethane	63	9.951	9.951	(0.894)	1757954	20.0000	20
	32 Vinyl acetate	43	9.935	9.935	(0.893)	2130650	20.0000	19
M	33 1,2-Dichloroethene,Total	61				2462489	40.0000	41
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.969)	1045324	20.0000	20
	35 Ethyl acetate	88	10.762	10.762	(0.967)	87276	20.0000	20
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.968)	457413	20.0000	19(Q)
*	37 Bromochloromethane	128	11.125	11.125	(1.000)	402858	10.0000	
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	966633	20.0000	19
	39 Chloroform	83	11.179	11.173	(1.005)	2122194	20.0000	20
	40 Cyclohexane	84	11.478	11.477	(0.922)	1560992	20.0000	21
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	2397414	20.0000	20
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	2473773	20.0000	21
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	5298632	20.0000	21
	44 Benzene	78	11.958	11.958	(0.961)	3297019	20.0000	20
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	1420173	20.0000	20
	46 n-Heptane	43	12.129	12.129	(0.974)	1942193	20.0000	20
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2288200	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	335857	20.0000	17
	49 Trichloroethene	95	12.817	12.812	(1.030)	1523905	20.0000	21
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	1128343	20.0000	20
	51 Methyl methacrylate	69	13.191	13.191	(1.060)	1053256	20.0000	20
	52 Dibromomethane	174	13.362	13.356	(1.073)	1205373	20.0000	21
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	361017	20.0000	19
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	2406049	20.0000	21
	55 1,3-Dichloropropene (cis)	75	14.125	14.125	(1.135)	1739219	20.0000	20
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.146)	1945497	20.0000	20
	57 n-Octane	43	14.514	14.514	(1.166)	2603835	20.0000	20
	58 Toluene	92	14.557	14.557	(0.889)	2395936	20.0000	20
	59 1,3-Dichloropropene (trans)	75	14.867	14.866	(1.194)	1770301	20.0000	20
	60 1,1,2-Trichloroethane	83	15.123	15.123	(0.924)	1070318	20.0000	20
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	2048197	20.0000	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	15.363	15.363	(0.939)	1883901	20.0000	20
63	Dibromochloromethane	129	15.640	15.635	(0.956)	2377248	20.0000	21
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	2052504	20.0000	20
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2143741	10.0000	
66	Chlorobenzene	112	16.404	16.403	(1.002)	3156461	20.0000	20
67	n-Nonane	57	16.462	16.462	(1.006)	2451141	20.0000	21
68	Ethylbenzene	91	16.462	16.462	(1.006)	5450255	20.0000	21
69	Xylene (m,p)	106	16.601	16.601	(1.014)	4340919	40.0000	42
M 70	Xylenes, Total	106				6369775	20.0000	62
71	Xylene (o)	106	17.092	17.092	(1.044)	2028856	20.0000	21
72	Styrene	104	17.113	17.113	(1.046)	3306139	20.0000	22
73	Bromoform	173	17.402	17.401	(1.063)	2358687	20.0000	22
74	Isopropylbenzene	105	17.498	17.497	(1.069)	6007143	20.0000	21
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	2824080	20.0000	20
76	n-Propylbenzene	91	17.999	17.994	(1.100)	7468447	20.0000	21
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	2296131	20.0000	20
78	n-Decane	57	18.053	18.047	(1.103)	3086404	20.0000	22
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	6349129	20.0000	22
80	2-Chlorotoluene	91	18.181	18.181	(1.111)	5420024	20.0000	21
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	5560289	20.0000	22
82	Alpha Methyl Styrene	118	18.496	18.495	(1.130)	2620912	20.0000	22
83	tert-butylbenzene	119	18.618	18.618	(1.138)	4966064	20.0000	21
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	5255052	20.0000	22
85	sec-Butylbenzene	105	18.907	18.901	(1.155)	7495490	20.0000	22
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	6405600	20.0000	22
87	1,3-Dichlorobenzene	146	19.163	19.157	(1.171)	3497607	20.0000	21
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	3479925	20.0000	21
89	Benzyl chloride	91	19.451	19.445	(1.188)	3629889	20.0000	19
90	Undecane	57	19.579	19.573	(1.196)	2952057	20.0000	22
91	n-Butylbenzene	91	19.632	19.632	(1.200)	5656470	20.0000	22
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	3253416	20.0000	21
93	Dodecane	57	21.239	21.239	(1.298)	1665695	20.0000	24
94	1,2,4-Trichlorobenzene	180	22.536	22.535	(1.377)	1847693	20.0000	22
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	1739454	20.0000	21
96	Naphthalene	128	23.107	23.107	(1.412)	3863247	20.0000	21
97	1,2,3-Trichlorobenzene	180	23.656	23.651	(1.445)	1444020	20.0000	20

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn008.d	Date:	12-JAN-2012 21:37
Client ID:	ic 260506	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 260506		
Lab Sample ID:	ic 260506		



Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

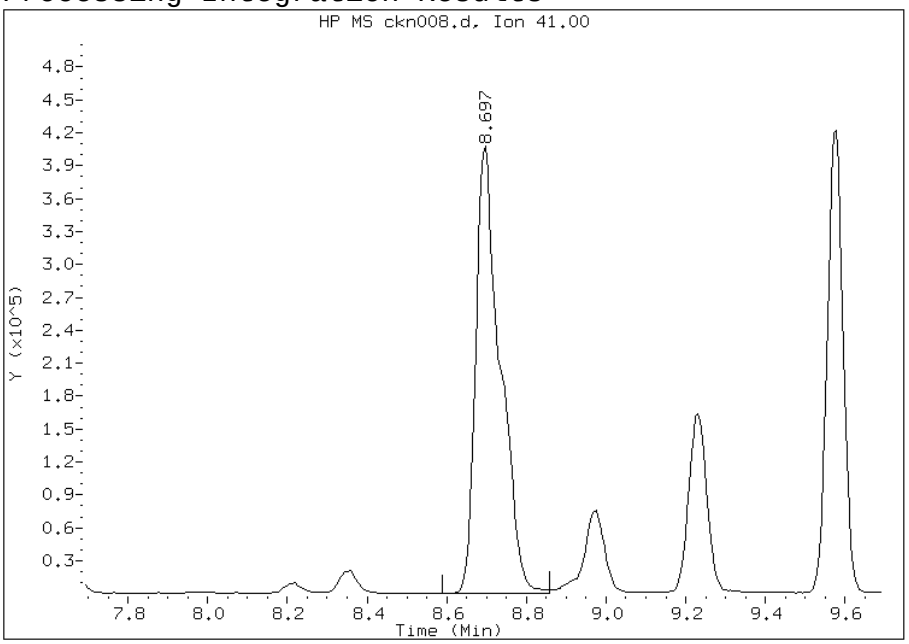
Processing Integration Results

RT: 8.70

Response: 1737805

Amount: 21.67

Conc: 21.67



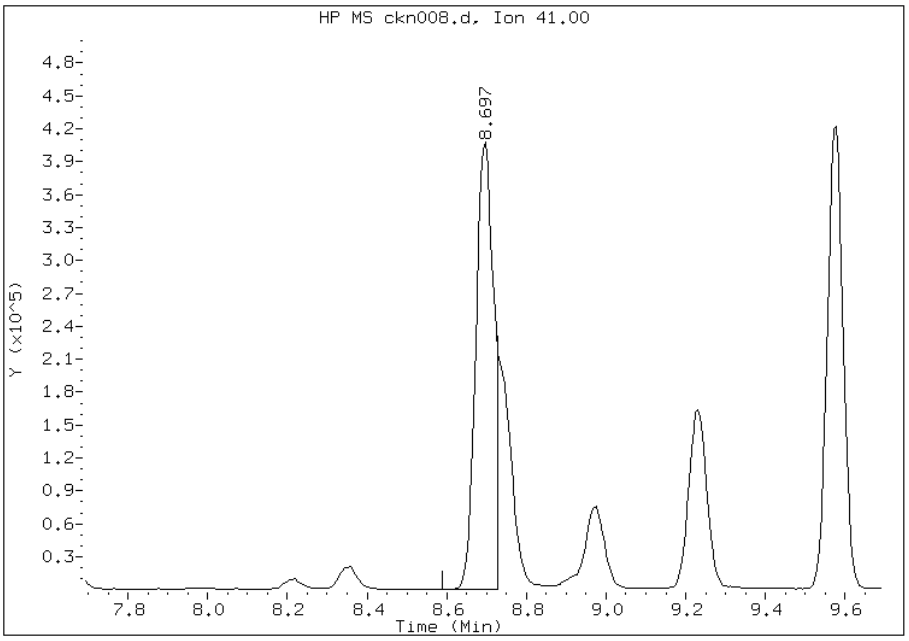
Manual Integration Results

RT: 8.70

Response: 1288376

Amount: 20.03

Conc: 20.03



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn008.d
Lab Sample ID: ic 260506
Inj. Date and Time: 12-JAN-2012 21:37
Instrument ID: C.i
Client ID: ic 260506
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

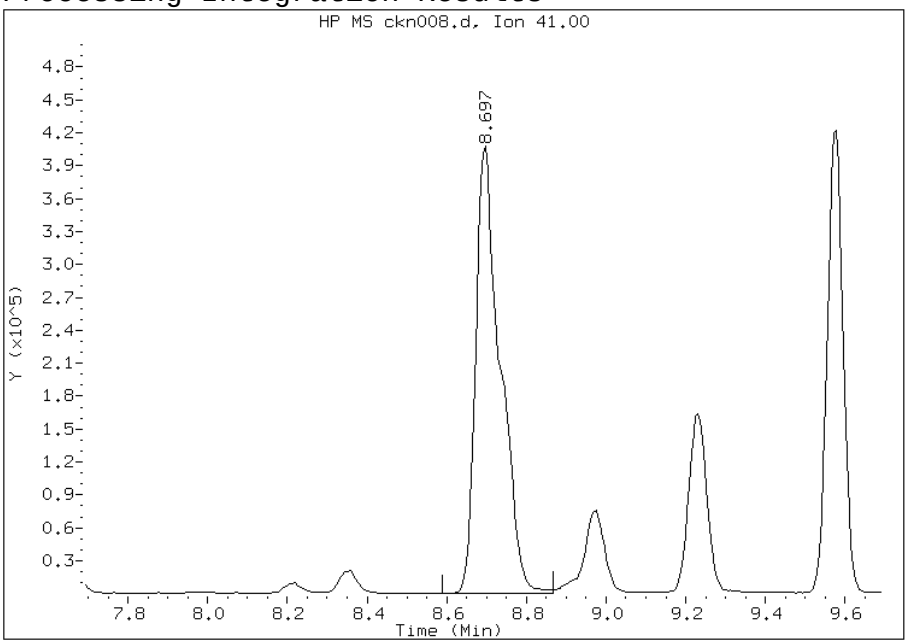
Processing Integration Results

RT: 8.70

Response: 1739690

Amount: 34.17

Conc: 34.17



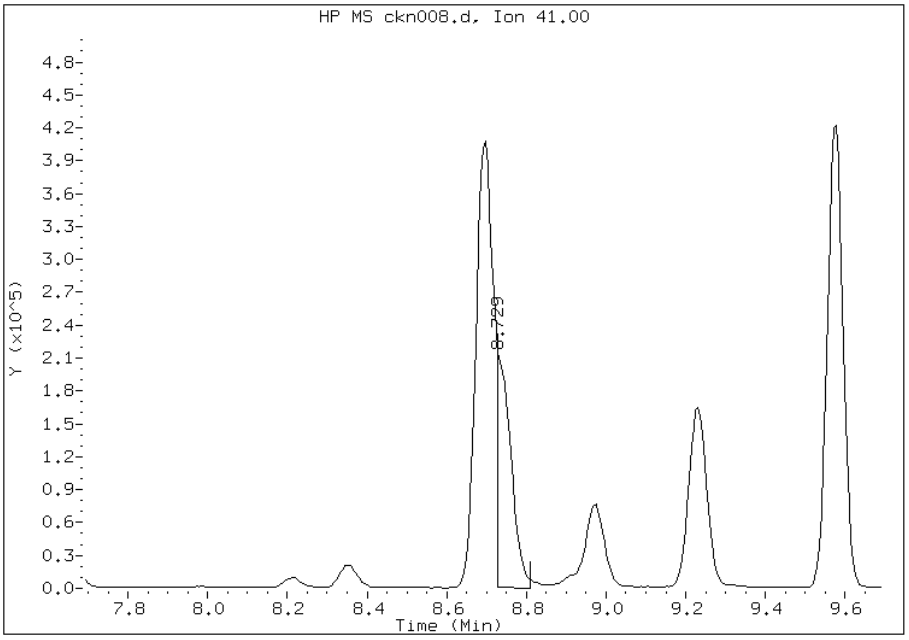
Manual Integration Results

RT: 8.73

Response: 506136

Amount: 18.56

Conc: 18.56



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn009.d
Lab Smp Id: ic 275630 Client Smp ID: ic 275630
Inj Date : 12-JAN-2012 22:26
Operator : pad Inst ID: C.i
Smp Info : ic 275630
Misc Info : 200,1,level 07
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:27 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.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	4.982	4.977	(0.448)	1240324	40.0000	34
2 Dichlorodifluoromethane	85	5.062	5.057	(0.455)	4872701	40.0000	35
3 Chlorodifluoromethane	51	5.110	5.100	(0.459)	2637649	40.0000	35
4 1,2-Dichloro-1,1,2,2-tetraflu	85	5.356	5.351	(0.481)	5454358	40.0000	37
5 Chloromethane	50	5.521	5.516	(0.496)	1467156	40.0000	35
6 Butane	43	5.735	5.730	(0.515)	2956367	40.0000	35
7 Vinyl chloride	62	5.772	5.767	(0.519)	1870415	40.0000	37
8 1,3-Butadiene	54	5.852	5.847	(0.526)	1473218	40.0000	37
9 Bromomethane	94	6.519	6.509	(0.586)	1708098	40.0000	37
10 Chloroethane	64	6.717	6.712	(0.603)	1014200	40.0000	36
11 2-Methylbutane	43	6.786	6.781	(0.610)	2235241	40.0000	34
12 Vinyl bromide	106	7.069	7.064	(0.635)	1775936	40.0000	38
13 Trichlorofluoromethane	101	7.154	7.149	(0.643)	5253681	40.0000	37
14 Pentane	43	7.267	7.256	(0.653)	3568449	40.0000	38

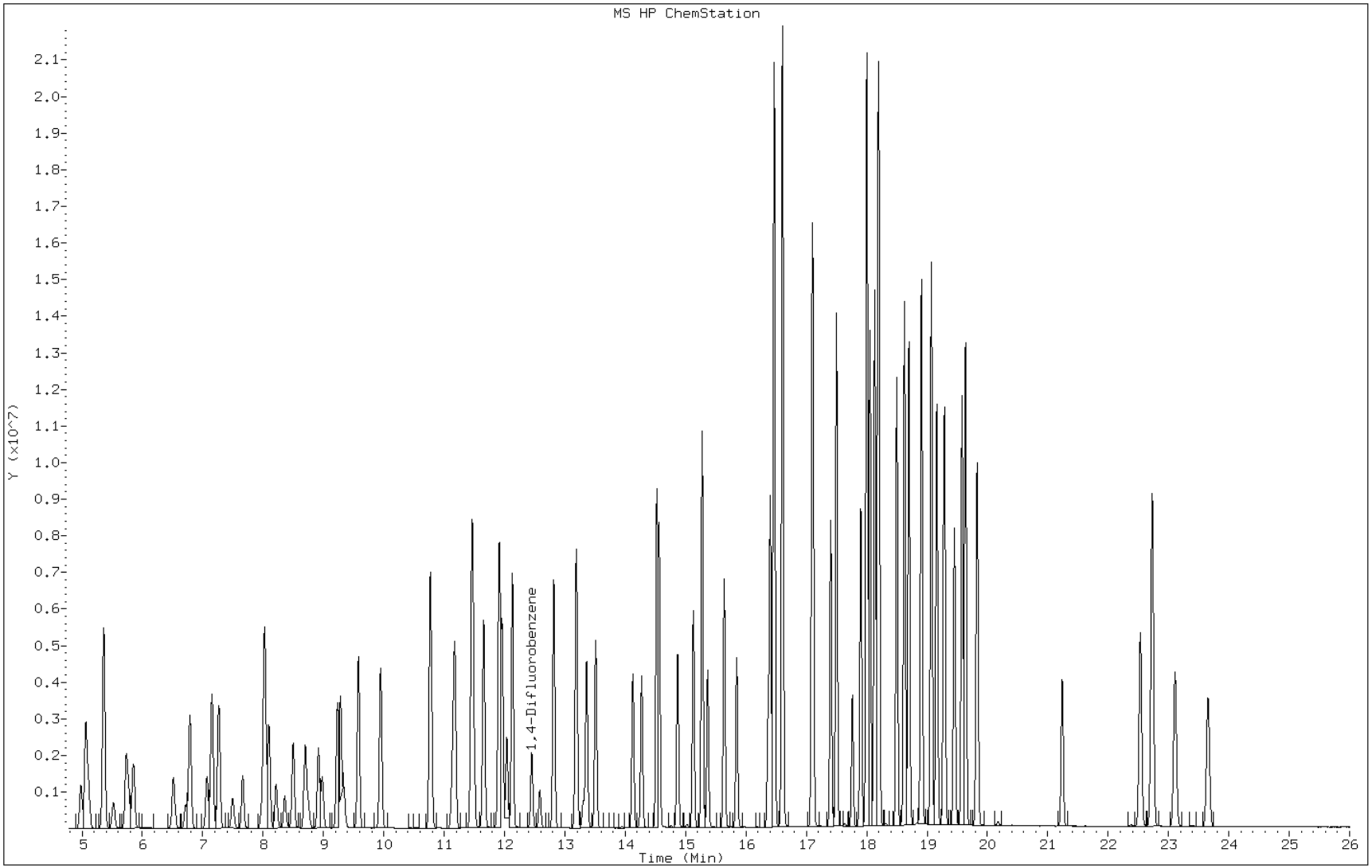
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.496	7.485	(0.673)	1536315	100.000	91
	16 Ethyl ether	59	7.661	7.656	(0.688)	1339424	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.019	8.014	(0.720)	3857410	40.0000	39
	18 Acrolein	56	7.982	7.976	(0.717)	701003	40.0000	42(A)
	19 1,1-Dichloroethene	96	8.094	8.088	(0.727)	1838510	40.0000	40
	20 Acetone	43	8.216	8.211	(0.738)	2337743	40.0000	33
	21 Carbon disulfide	76	8.499	8.494	(0.764)	5421208	40.0000	39
	22 Isopropanol	45	8.361	8.350	(0.751)	1775656	40.0000	37
	23 Allyl chloride	41	8.697	8.692	(0.781)	2544349	40.0000	37(M)
	24 Acetonitrile	41	8.729	8.692	(0.784)	1145797	40.0000	39(QM)
	25 Methylene chloride	49	8.916	8.910	(0.801)	1898633	40.0000	36
	26 Tert-butyl alcohol	59	8.980	8.969	(0.807)	2613182	40.0000	37
	27 Methyl tert-butyl ether	73	9.236	9.231	(0.830)	5455934	40.0000	37
	28 1,2-Dichloroethene (trans)	61	9.284	9.279	(0.834)	2862136	40.0000	39
	29 Acrylonitrile	53	9.343	9.337	(0.839)	1310646	40.0000	39
	30 n-Hexane	57	9.577	9.572	(0.860)	3306317	40.0000	39
	31 1,1-Dichloroethane	63	9.956	9.951	(0.894)	3577531	40.0000	38
	32 Vinyl acetate	43	9.940	9.935	(0.893)	4623328	40.0000	38
M	33 1,2-Dichloroethene,Total	61				5034216	80.0000	78
	34 1,2-Dichloroethene (cis)	96	10.778	10.773	(0.968)	2172080	40.0000	40
	35 Ethyl acetate	88	10.768	10.762	(0.967)	180565	40.0000	38
	36 Methyl Ethyl Ketone	72	10.768	10.762	(0.967)	914910	40.0000	36(Q)
*	37 Bromochloromethane	128	11.130	11.125	(1.000)	429653	10.0000	(Q)
	38 Tetrahydrofuran	42	11.157	11.152	(0.896)	1961436	40.0000	37
	39 Chloroform	83	11.178	11.173	(1.004)	4309197	40.0000	38
	40 Cyclohexane	84	11.477	11.477	(0.922)	3229203	40.0000	41(A)
	41 1,1,1-Trichloroethane	97	11.456	11.451	(0.920)	4895660	40.0000	40(A)
	42 Carbon tetrachloride	117	11.653	11.648	(0.936)	5100456	40.0000	41(A)
	43 2,2,4-Trimethylpentane	57	11.910	11.904	(0.957)	10931388	40.0000	41(A)
	44 Benzene	78	11.958	11.958	(0.961)	6919593	40.0000	41(A)
	45 1,2-Dichloroethane	62	12.038	12.032	(0.967)	2820086	40.0000	39
	46 n-Heptane	43	12.134	12.129	(0.975)	3899083	40.0000	39
*	47 1,4-Difluorobenzene	114	12.449	12.443	(1.000)	2384686	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	868822	40.0000	43(A)
	49 Trichloroethene	95	12.817	12.812	(1.030)	3176879	40.0000	42(A)
	50 1,2-Dichloropropane	63	13.185	13.180	(1.059)	2299443	40.0000	40(Q)
	51 Methyl methacrylate	69	13.190	13.191	(1.060)	2206706	40.0000	41(A)
	52 Dibromomethane	174	13.361	13.356	(1.073)	2567945	40.0000	43(A)
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	776320	40.0000	39
	54 Bromodichloromethane	83	13.511	13.505	(1.085)	4886689	40.0000	41(A)
	55 1,3-Dichloropropene (cis)	75	14.130	14.125	(1.135)	3576930	40.0000	40
	56 Methyl isobutyl ketone	43	14.274	14.269	(1.147)	3853172	40.0000	38
	57 n-Octane	43	14.519	14.514	(1.166)	5107019	40.0000	38
	58 Toluene	92	14.557	14.557	(0.889)	5039162	40.0000	41(A)
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.194)	3715118	40.0000	40
	60 1,1,2-Trichloroethane	83	15.128	15.123	(0.924)	2208485	40.0000	39
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	4500446	40.0000	44(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	15.363	15.363	(0.939)	3761791	40.0000	38
63	Dibromochloromethane	129	15.640	15.635	(0.956)	5085011	40.0000	43(A)
64	1,2-Dibromoethane	107	15.843	15.838	(0.968)	4306960	40.0000	41(A)
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	2238326	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	6723670	40.0000	41(A)
67	n-Nonane	57	16.462	16.462	(1.006)	4648094	40.0000	38
68	Ethylbenzene	91	16.467	16.462	(1.006)	11214249	40.0000	41(A)
69	Xylene (m,p)	106	16.601	16.601	(1.014)	9254798	80.0000	86(A)
M 70	Xylenes, Total	106				13545633	40.0000	130
71	Xylene (o)	106	17.097	17.092	(1.045)	4290835	40.0000	42(A)
72	Styrene	104	17.113	17.113	(1.046)	7140868	40.0000	44(A)
73	Bromoform	173	17.401	17.401	(1.063)	5447930	40.0000	48(A)
74	Isopropylbenzene	105	17.497	17.497	(1.069)	13086979	40.0000	44(A)
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	5992313	40.0000	41(A)
76	n-Propylbenzene	91	17.999	17.994	(1.100)	15799657	40.0000	44(A)
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	4641882	40.0000	39
78	n-Decane	57	18.052	18.047	(1.103)	6332753	40.0000	44(A)
79	4-Ethyltoluene	105	18.132	18.127	(1.108)	13930493	40.0000	45(A)
80	2-Chlorotoluene	91	18.186	18.181	(1.111)	11425456	40.0000	42(A)
81	1,3,5-Trimethylbenzene	105	18.202	18.197	(1.112)	11817935	40.0000	45(A)
82	Alpha Methyl Styrene	118	18.501	18.495	(1.130)	5765376	40.0000	47(A)
83	tert-butylbenzene	119	18.623	18.618	(1.138)	10803359	40.0000	44(A)
84	1,2,4-Trimethylbenzene	105	18.698	18.693	(1.143)	11201586	40.0000	44(A)
85	sec-Butylbenzene	105	18.906	18.901	(1.155)	16073959	40.0000	45(A)
86	4-Isopropyltoluene	119	19.072	19.066	(1.165)	13955776	40.0000	46(A)
87	1,3-Dichlorobenzene	146	19.162	19.157	(1.171)	7742578	40.0000	44(A)
88	1,4-Dichlorobenzene	146	19.285	19.280	(1.178)	7679147	40.0000	44(A)
89	Benzyl chloride	91	19.451	19.445	(1.188)	9514593	40.0000	48(A)
90	Undecane	57	19.579	19.573	(1.196)	6052076	40.0000	43(A)
91	n-Butylbenzene	91	19.637	19.632	(1.200)	11710968	40.0000	45(A)
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	7017090	40.0000	43(A)
93	Dodecane	57	21.239	21.239	(1.298)	2319042	40.0000	31
94	1,2,4-Trichlorobenzene	180	22.535	22.535	(1.377)	3470298	40.0000	39
95	1,3-Hexachlorobutadiene	225	22.733	22.733	(1.389)	3558973	40.0000	41(A)
96	Naphthalene	128	23.106	23.107	(1.412)	7625329	40.0000	39
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	2528944	40.0000	34

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:	ckn009.d	Date:	12-JAN-2012 22:26
Client ID:	ic 275630	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 275630		
Lab Sample ID:	ic 275630		



Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

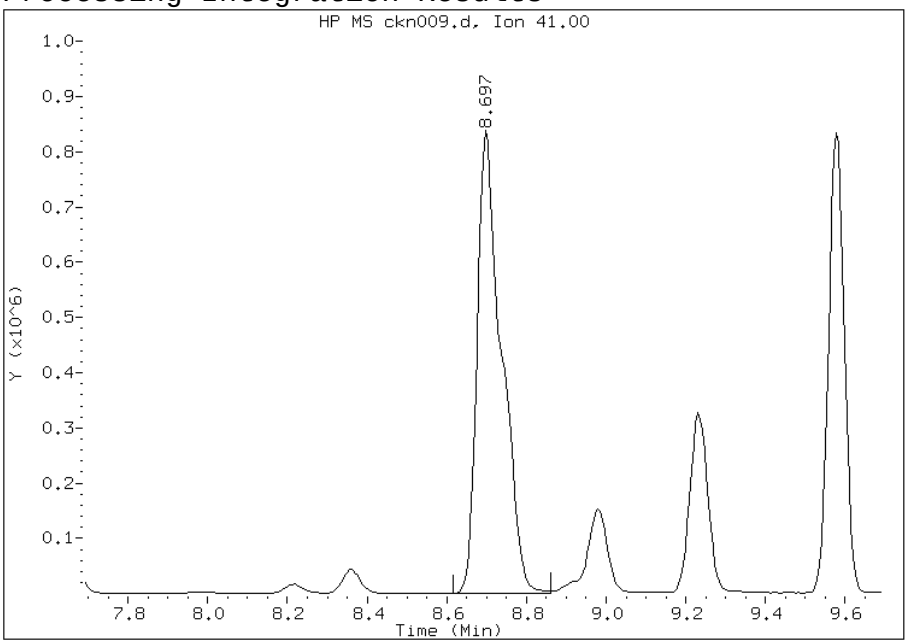
Processing Integration Results

RT: 8.70

Response: 3553783

Amount: 41.32

Conc: 41.32



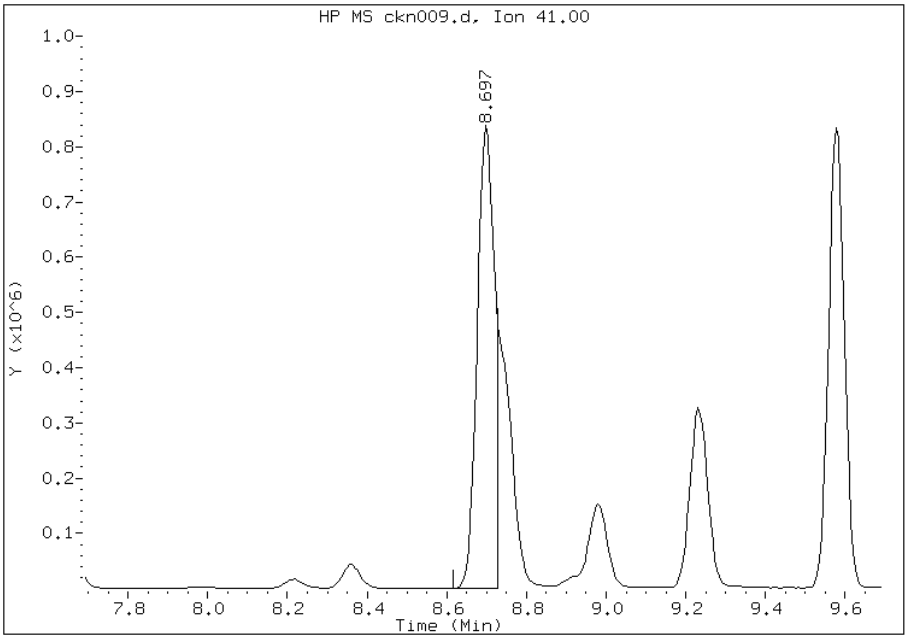
Manual Integration Results

RT: 8.70

Response: 2544349

Amount: 37.09

Conc: 37.09



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn009.d
Lab Sample ID: ic 275630
Inj. Date and Time: 12-JAN-2012 22:26
Instrument ID: C.i
Client ID: ic 275630
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

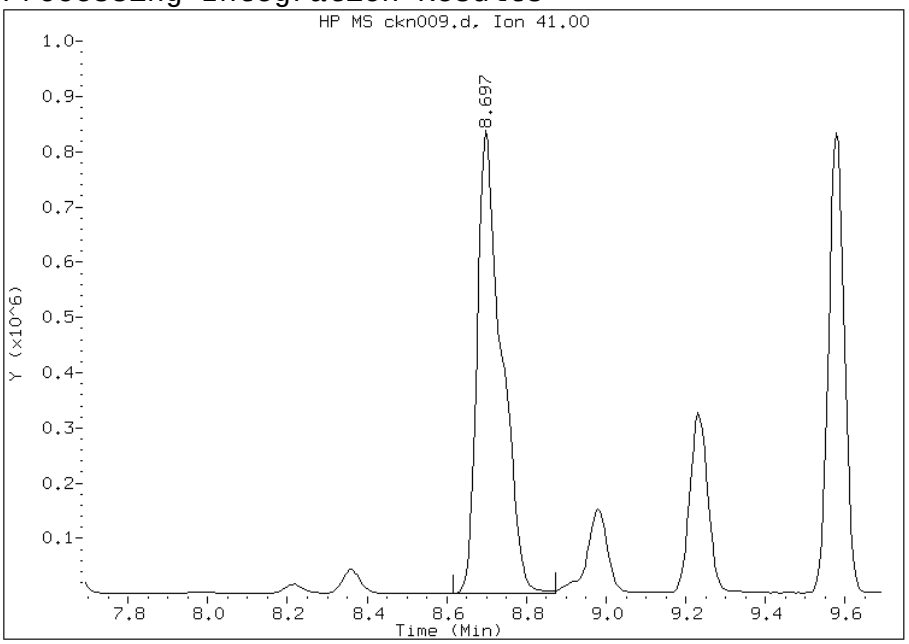
Processing Integration Results

RT: 8.70

Response: 3556919

Amount: 86.46

Conc: 86.46



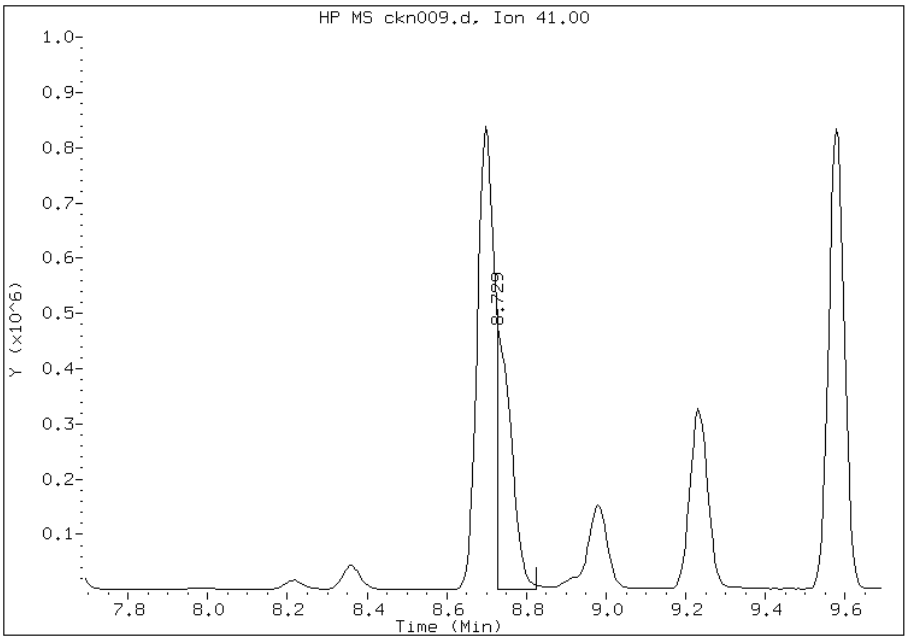
Manual Integration Results

RT: 8.73

Response: 1145797

Amount: 39.40

Conc: 39.40



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8452	0.8203		9.70	10.0	-3.0	30.0
Dichlorodifluoromethane	Ave	3.226	3.191		9.89	10.0	-1.1	30.0
Freon 22	Ave	1.731	1.720		9.93	10.0	-0.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.492		10.2	10.0	2.0	30.0
Chloromethane	Ave	0.9778	0.9733		9.95	10.0	-0.5	30.0
n-Butane	Ave	1.947	1.888		9.69	10.0	-3.0	30.0
Vinyl chloride	Ave	1.190	1.208		10.2	10.0	1.6	30.0
1,3-Butadiene	Ave	0.9269	0.9785		10.6	10.0	5.6	30.0
Bromomethane	Ave	1.076	1.072		9.96	10.0	-0.4	30.0
Chloroethane	Ave	0.6498	0.6589		10.1	10.0	1.4	30.0
Isopentane	Ave	1.529	1.486		9.72	10.0	-2.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	1.130		10.5	10.0	4.8	30.0
Trichlorofluoromethane	Ave	3.268	3.309		10.1	10.0	1.3	30.0
n-Pentane	Ave	2.209	2.191		9.92	10.0	-0.8	30.0
Ethanol	Ave	0.3924	0.3889		14.9	15.0	-0.9	30.0
Ethyl ether	Ave	0.8319	0.6967		8.37	10.0	-16.3	30.0
Acrolein	Ave	0.3902	0.2982		7.64	10.0	-23.6	30.0
Freon TF	Ave	2.278	2.528		11.1	10.0	11.0	30.0
1,1-Dichloroethene	Ave	1.076	1.258		11.7	10.0	17.0	30.0
Acetone	Ave	1.631	1.435		8.79	10.0	-12.0	30.0
Isopropyl alcohol	Ave	1.119	1.179		10.5	10.0	5.4	30.0
Carbon disulfide	Ave	3.237	3.402		10.5	10.0	5.1	30.0
3-Chloropropene	Ave	1.597	1.751		11.0	10.0	9.7	30.0
Acetonitrile	Ave	0.6769	0.5755		8.50	10.0	-15.0	30.0
Methylene Chloride	Ave	1.226	1.311		10.7	10.0	7.0	30.0
tert-Butyl alcohol	Ave	1.663	1.812		10.9	10.0	9.0	30.0
Methyl tert-butyl ether	Ave	3.420	3.050		8.91	10.0	-10.8	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.780		10.3	10.0	3.1	30.0
Acrylonitrile	Ave	0.7730	0.6989		9.04	10.0	-9.6	30.0
n-Hexane	Ave	1.990	2.060		10.4	10.0	3.5	30.0
Vinyl acetate	Ave	2.832	2.427		8.57	10.0	-14.3	30.0
1,1-Dichloroethane	Ave	2.172	2.223		10.2	10.0	2.4	30.0
Ethyl acetate	Ave	0.1111	0.0929		8.37	10.0	-16.3	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.5131		8.58	10.0	-14.2	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.331		10.4	10.0	4.2	30.0
Tetrahydrofuran	Ave	0.2217	0.1944		8.76	10.0	-12.3	30.0
Chloroform	Ave	2.620	2.669		10.2	10.0	1.9	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.5138		10.0	10.0	0.4	30.0
Cyclohexane	Ave	0.3285	0.3369		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5212	0.5240		10.1	10.0	0.5	30.0
2,2,4-Trimethylpentane	Ave	1.118	1.144		10.2	10.0	2.3	30.0
Benzene	Ave	0.7127	0.7051		9.89	10.0	-1.1	30.0
1,2-Dichloroethane	Ave	0.3068	0.3093		10.1	10.0	0.8	30.0
n-Heptane	Ave	0.4147	0.4208		10.1	10.0	1.5	30.0
n-Butanol	Ave	0.0848	0.0895		10.5	10.0	5.4	30.0
Trichloroethene	Ave	0.3193	0.3297		10.3	10.0	3.3	30.0
1,2-Dichloropropane	Ave	0.2438	0.2358		9.67	10.0	-3.3	30.0
Methyl methacrylate	Ave	0.2263	0.1926		8.51	10.0	-14.9	30.0
1,4-Dioxane	Ave	0.0840	0.0778		9.26	10.0	-7.4	30.0
Dibromomethane	Ave	0.2489	0.2486		9.99	10.0	-0.1	30.0
Bromodichloromethane	Ave	0.5035	0.5262		10.4	10.0	4.5	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3637		9.65	10.0	-3.4	30.0
methyl isobutyl ketone	Ave	0.4284	0.3804		8.88	10.0	-11.2	30.0
n-Octane	Ave	0.5655	0.5519		9.76	10.0	-2.4	30.0
Toluene	Ave	0.5552	0.5836		10.5	10.0	5.1	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.3602		9.24	10.0	-7.5	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2543		10.2	10.0	1.5	30.0
Tetrachloroethene	Ave	0.4535	0.4925		10.9	10.0	8.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4542		10.3	10.0	2.7	30.0
Dibromochloromethane	Ave	0.5245	0.5961		11.4	10.0	13.7	30.0
1,2-Dibromoethane	Ave	0.4671	0.4956		10.6	10.0	6.1	30.0
Chlorobenzene	Ave	0.7371	0.7604		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.229	1.224		9.96	10.0	-0.4	30.0
n-Nonane	Ave	0.5480	0.5735		10.5	10.0	4.6	30.0
m,p-Xylene	Ave	0.4831	0.4733		19.6	20.0	-2.0	30.0
Xylene, o-	Ave	0.4608	0.4470		9.70	10.0	-3.0	30.0
Styrene	Ave	0.7170	0.7188		10.0	10.0	0.2	30.0
Bromoform	Ave	0.5108	0.5524		10.8	10.0	8.1	30.0
Cumene	Ave	1.336	1.320		9.88	10.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.6265		9.51	10.0	-4.9	30.0
n-Propylbenzene	Ave	1.621	1.609		9.93	10.0	-0.7	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5189		9.78	10.0	-2.2	30.0
n-Decane	Ave	0.6486	0.6483		9.99	10.0	-0.0	30.0
4-Ethyltoluene	Ave	1.377	1.399		10.2	10.0	1.6	30.0
2-Chlorotoluene	Ave	1.205	1.242		10.3	10.0	3.1	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.157		9.77	10.0	-2.2	30.0
Alpha Methyl Styrene	Ave	0.5529	0.5673		10.3	10.0	2.6	30.0
tert-Butylbenzene	Ave	1.090	1.079		9.89	10.0	-1.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab Sample ID: ICV 200-32216/12 Calibration Date: 01/13/2012 00:56

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: ckn012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 264634

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.138	1.094		9.61	10.0	-3.9	30.0
sec-Butylbenzene	Ave	1.604	1.603		9.99	10.0	-0.0	30.0
4-Isopropyltoluene	Ave	1.362	1.345		9.87	10.0	-1.3	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.7523		9.68	10.0	-3.2	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.7497		9.70	10.0	-3.0	30.0
Benzyl chloride	Ave	0.8770	0.9358		10.7	10.0	6.7	30.0
n-Undecane	Ave	0.6294	0.5900		9.37	10.0	-6.3	30.0
n-Butylbenzene	Ave	1.173	1.193		10.2	10.0	1.7	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.6916		9.41	10.0	-5.9	30.0
n-Dodecane	Ave	0.3305	0.4108		12.4	10.0	24.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.3424		8.71	10.0	-12.8	30.0
Hexachlorobutadiene	Ave	0.3860	0.3357		8.70	10.0	-13.0	30.0
Naphthalene	Ave	0.8764	0.7793		8.89	10.0	-11.1	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.2955		8.87	10.0	-11.3	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn012.d
Lab Smp Id: icv 264634 Client Smp ID: icv 264634
Inj Date : 13-JAN-2012 00:56
Operator : pad Inst ID: C.i
Smp Info : icv 264634
Misc Info : 200,1,icv
Comment :
Method : /chem/C.i/Csvr.p/cknto15.b/to15v5.m
Meth Date : 13-Jan-2012 08:28 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 22:26 Cal File: ckn009.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)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	4.972	4.977	(0.447)	311879	9.70274	9.7
2	Dichlorodifluoromethane	85	5.052	5.057	(0.454)	1213366	9.88976	9.9
3	Chlorodifluoromethane	51	5.100	5.100	(0.459)	653792	9.93078	9.9
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.345	5.351	(0.481)	1327661	10.2022	10
5	Chloromethane	50	5.511	5.516	(0.496)	370083	9.95266	10
6	Butane	43	5.724	5.730	(0.515)	718026	9.69489	9.7
7	Vinyl chloride	62	5.767	5.767	(0.519)	459482	10.1537	10
8	1,3-Butadiene	54	5.842	5.847	(0.525)	372029	10.5546	11
9	Bromomethane	94	6.509	6.509	(0.585)	407690	9.96020	10
10	Chloroethane	64	6.711	6.712	(0.604)	250533	10.1377	10
11	2-Methylbutane	43	6.776	6.781	(0.609)	564822	9.71609	9.7
12	Vinyl bromide	106	7.064	7.064	(0.635)	429774	10.4809	10
13	Trichlorofluoromethane	101	7.144	7.149	(0.642)	1258326	10.1252	10
14	Pentane	43	7.256	7.256	(0.653)	833106	9.91852	9.9

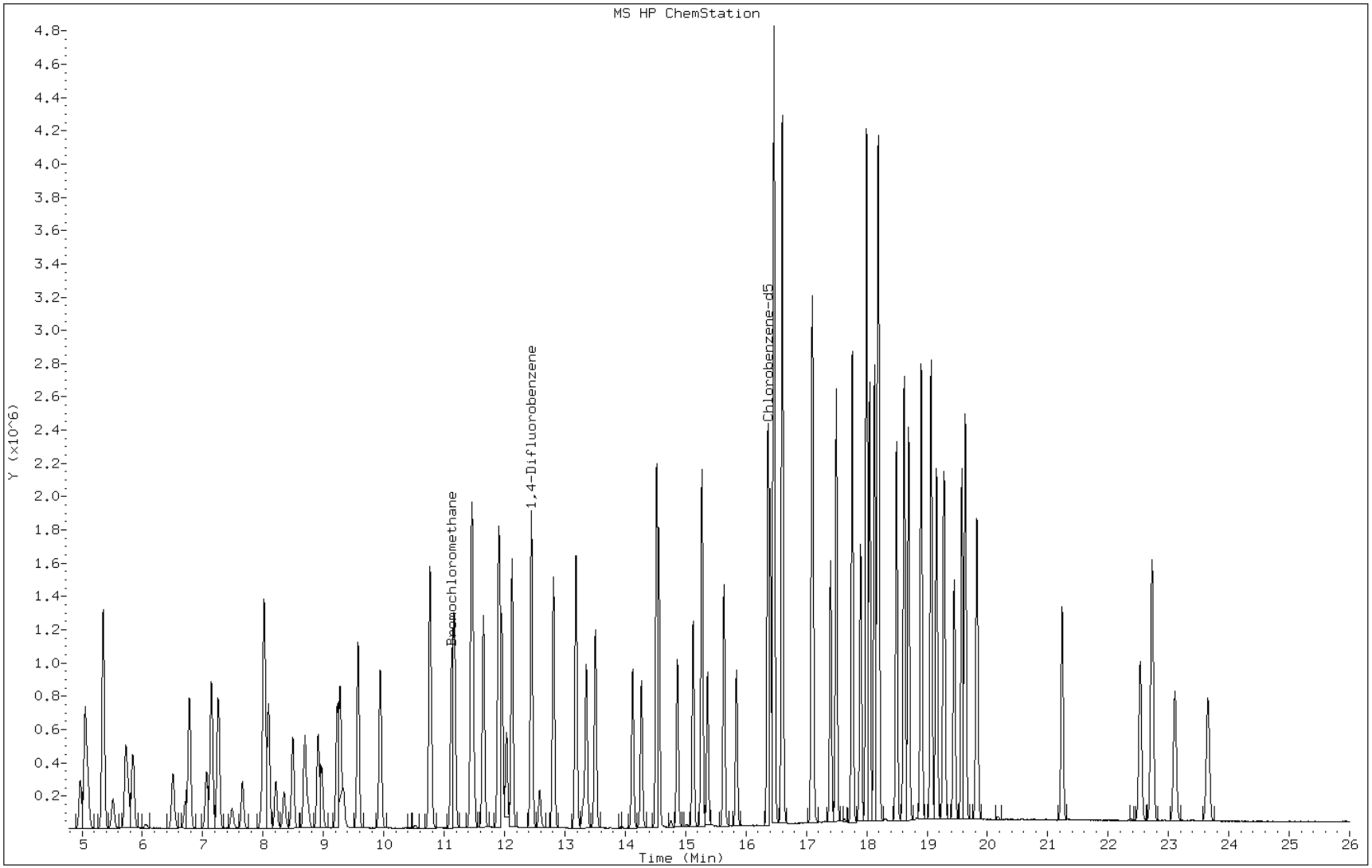
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.485	7.485	(0.673)	221875	14.8692	15
	16 Ethyl ether	59	7.661	7.656	(0.689)	264909	8.37299	8.4
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.014	8.014	(0.721)	961376	11.0969	11
	18 Acrolein	56	7.976	7.976	(0.717)	113363	7.64030	7.6
	19 1,1-Dichloroethene	96	8.088	8.088	(0.727)	478412	11.6968	12
	20 Acetone	43	8.211	8.211	(0.738)	545458	8.79478	8.8
	21 Carbon disulfide	76	8.494	8.494	(0.764)	1293350	10.5053	11
	22 Isopropanol	45	8.350	8.350	(0.751)	448372	10.5346	11
	23 Allyl chloride	41	8.691	8.692	(0.782)	665944	10.9681	11(M)
	24 Acetonitrile	41	8.729	8.692	(0.785)	218799	8.49986	8.5(QM)
	25 Methylene chloride	49	8.910	8.910	(0.801)	498540	10.6950	11
	26 Tert-butyl alcohol	59	8.969	8.969	(0.807)	689048	10.8945	11
	27 Methyl tert-butyl ether	73	9.230	9.231	(0.830)	1159600	8.91491	8.9
	28 1,2-Dichloroethene (trans)	61	9.279	9.279	(0.834)	676903	10.3129	10
	29 Acrylonitrile	53	9.337	9.337	(0.840)	265719	9.03902	9.0
	30 n-Hexane	57	9.572	9.572	(0.861)	783349	10.3501	10
	31 1,1-Dichloroethane	63	9.951	9.951	(0.895)	845334	10.2358	10
	32 Vinyl acetate	43	9.935	9.935	(0.893)	922659	8.56705	8.6
M	33 1,2-Dichloroethene,Total	61				1183079	20.7323	21
	34 1,2-Dichloroethene (cis)	96	10.773	10.773	(0.969)	506176	10.4194	10
	35 Ethyl acetate	88	10.762	10.762	(0.968)	35334	8.36568	8.4
	36 Methyl Ethyl Ketone	72	10.762	10.762	(0.968)	195079	8.58289	8.6(Q)
*	37 Bromochloromethane	128	11.120	11.125	(1.000)	380296	10.0000	
	38 Tetrahydrofuran	42	11.157	11.152	(0.897)	424359	8.76425	8.8
	39 Chloroform	83	11.173	11.173	(1.005)	1014690	10.1857	10
	40 Cyclohexane	84	11.472	11.477	(0.922)	735627	10.2531	10
	41 1,1,1-Trichloroethane	97	11.451	11.451	(0.920)	1121849	10.0397	10
	42 Carbon tetrachloride	117	11.648	11.648	(0.936)	1144007	10.0511	10
	43 2,2,4-Trimethylpentane	57	11.904	11.904	(0.957)	2498488	10.2313	10
	44 Benzene	78	11.958	11.958	(0.961)	1539519	9.89178	9.9
	45 1,2-Dichloroethane	62	12.032	12.032	(0.967)	675374	10.0800	10
	46 n-Heptane	43	12.128	12.129	(0.975)	918735	10.1457	10
*	47 1,4-Difluorobenzene	114	12.443	12.443	(1.000)	2183812	10.0000	
	48 n-Butanol	56	12.582	12.582	(1.011)	195346	10.5427	11
	49 Trichloroethene	95	12.812	12.812	(1.030)	719945	10.3261	10
	50 1,2-Dichloropropane	63	13.180	13.180	(1.059)	514757	9.66903	9.7(Q)
	51 Methyl methacrylate	69	13.190	13.191	(1.060)	420532	8.50803	8.5
	52 Dibromomethane	174	13.356	13.356	(1.073)	542847	9.98521	10
	53 1,4-Dioxane	88	13.303	13.303	(1.069)	169821	9.25958	9.3
	54 Bromodichloromethane	83	13.505	13.505	(1.085)	1148884	10.4493	10
	55 1,3-Dichloropropene (cis)	75	14.124	14.125	(1.135)	794168	9.65366	9.7
	56 Methyl isobutyl ketone	43	14.269	14.269	(1.147)	830613	8.87924	8.9
	57 n-Octane	43	14.514	14.514	(1.166)	1205093	9.75873	9.8
	58 Toluene	92	14.557	14.557	(0.889)	1055638	10.5088	11
	59 1,3-Dichloropropene (trans)	75	14.866	14.866	(1.195)	786387	9.24372	9.2
	60 1,1,2-Trichloroethane	83	15.122	15.123	(0.924)	460000	10.1503	10
	61 Tetrachloroethene	166	15.272	15.272	(0.933)	890836	10.8580	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	15.363	15.363	(0.939)	821564	10.2671	10
63	Dibromochloromethane	129	15.635	15.635	(0.955)	1078349	11.3633	11
64	1,2-Dibromoethane	107	15.838	15.838	(0.968)	896453	10.6079	11
* 65	Chlorobenzene-d5	117	16.366	16.366	(1.000)	1809282	10.0000	
66	Chlorobenzene	112	16.403	16.403	(1.002)	1375518	10.3135	10
67	n-Nonane	57	16.462	16.462	(1.006)	1037384	10.4628	10
68	Ethylbenzene	91	16.462	16.462	(1.006)	2214804	9.95989	10
69	Xylene (m,p)	106	16.601	16.601	(1.014)	1712216	19.5885	20
M 70	Xylenes, Total	106				2520751	29.2855	29
71	Xylene (o)	106	17.092	17.092	(1.044)	808535	9.69696	9.7
72	Styrene	104	17.113	17.113	(1.046)	1300224	10.0229	10
73	Bromoform	173	17.401	17.401	(1.063)	999162	10.8115	11
74	Isopropylbenzene	105	17.497	17.497	(1.069)	2388622	9.87905	9.9
75	1,1,2,2-Tetrachloroethane	83	17.898	17.898	(1.094)	1133305	9.50929	9.5
76	n-Propylbenzene	91	17.994	17.994	(1.099)	2911431	9.92707	9.9
77	1,2,3-Trichloropropane	75	17.999	17.994	(1.100)	938558	9.77877	9.8
78	n-Decane	57	18.047	18.047	(1.103)	1172657	9.99332	10
79	4-Ethyltoluene	105	18.127	18.127	(1.108)	2530647	10.1581	10
80	2-Chlorotoluene	91	18.180	18.181	(1.111)	2245899	10.3038	10
81	1,3,5-Trimethylbenzene	105	18.196	18.197	(1.112)	2092379	9.77478	9.8
82	Alpha Methyl Styrene	118	18.495	18.495	(1.130)	1026273	10.2588	10
83	tert-butylbenzene	119	18.618	18.618	(1.138)	1951350	9.89031	9.9
84	1,2,4-Trimethylbenzene	105	18.693	18.693	(1.142)	1979462	9.61223	9.6
85	sec-Butylbenzene	105	18.901	18.901	(1.155)	2899625	9.98966	10
86	4-Isopropyltoluene	119	19.066	19.066	(1.165)	2432937	9.87250	9.9
87	1,3-Dichlorobenzene	146	19.157	19.157	(1.171)	1360888	9.67635	9.7
88	1,4-Dichlorobenzene	146	19.280	19.280	(1.178)	1356208	9.70002	9.7
89	Benzyl chloride	91	19.445	19.445	(1.188)	1692789	10.6685	11
90	Undecane	57	19.573	19.573	(1.196)	1067304	9.37213	9.4
91	n-Butylbenzene	91	19.632	19.632	(1.200)	2157910	10.1684	10
92	1,2-Dichlorobenzene	146	19.830	19.830	(1.212)	1251081	9.40544	9.4
93	Dodecane	57	21.239	21.239	(1.298)	743115	12.4287	12
94	1,2,4-Trichlorobenzene	180	22.530	22.535	(1.377)	619407	8.71407	8.7
95	1,3-Hexachlorobutadiene	225	22.728	22.733	(1.389)	607232	8.69558	8.7
96	Naphthalene	128	23.106	23.107	(1.412)	1409711	8.89023	8.9
97	1,2,3-Trichlorobenzene	180	23.651	23.651	(1.445)	534612	8.86577	8.9

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ckn012.d	Date:	13-JAN-2012 00:56
Client ID:	icv 264634	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icv 264634		
Lab Sample ID:	icv 264634		



Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 01/13/2012

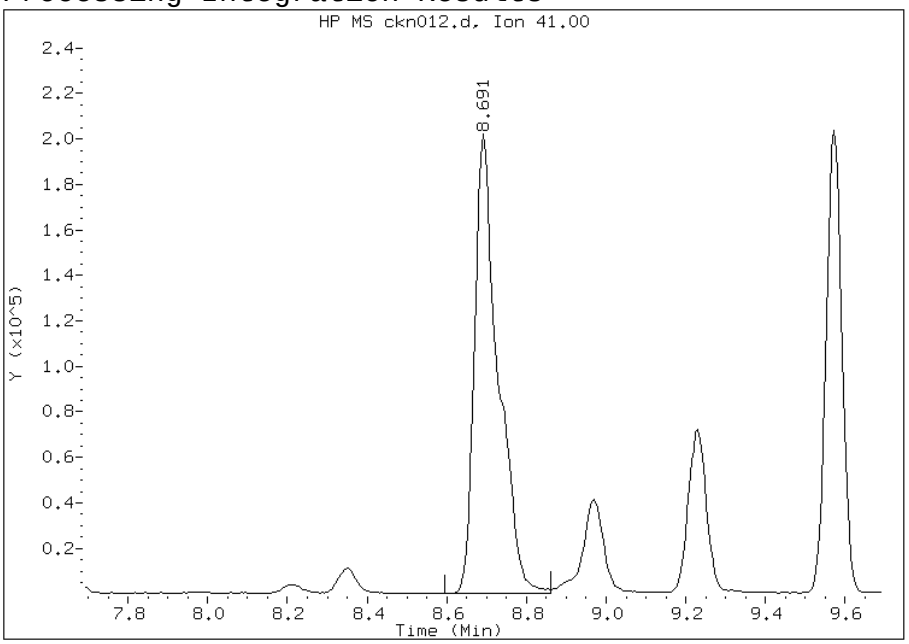
Processing Integration Results

RT: 8.69

Response: 830030

Amount: 10.90

Conc: 10.90



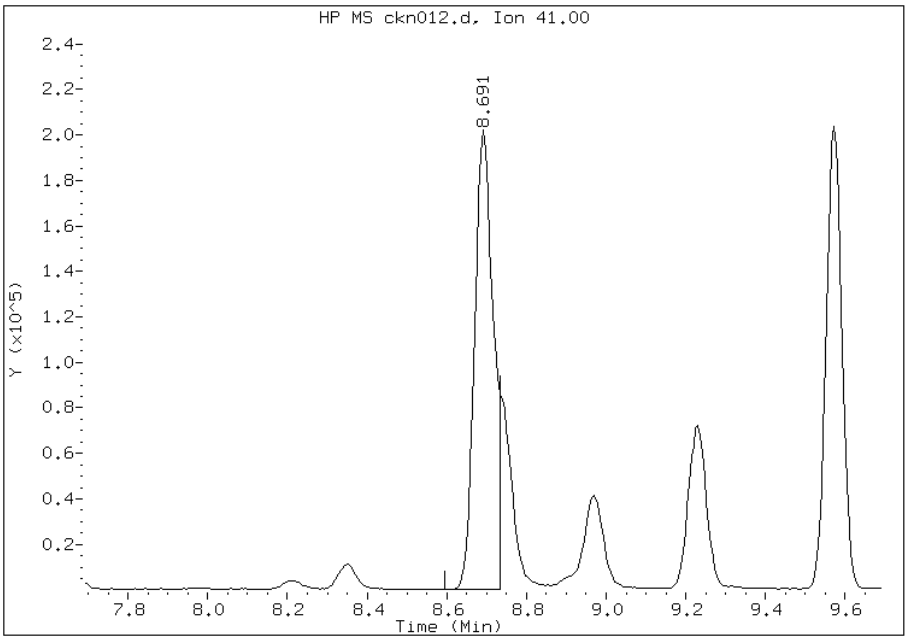
Manual Integration Results

RT: 8.69

Response: 665944

Amount: 10.97

Conc: 10.97



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ckn012.d
Lab Sample ID: icv 264634
Inj. Date and Time: 13-JAN-2012 00:56
Instrument ID: C.i
Client ID: icv 264634
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 01/13/2012

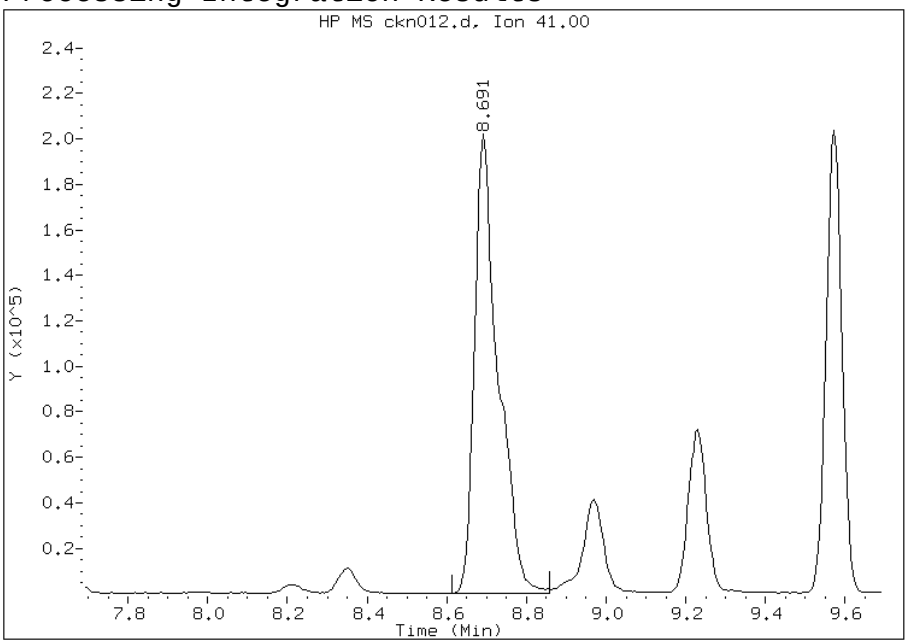
Processing Integration Results

RT: 8.69

Response: 827762

Amount: 32.16

Conc: 32.16



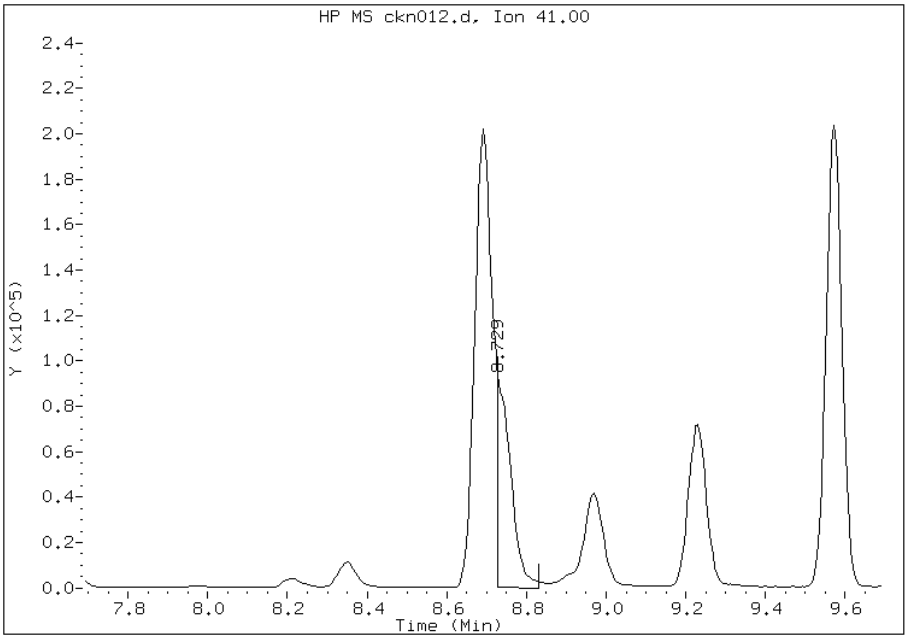
Manual Integration Results

RT: 8.73

Response: 218799

Amount: 8.50

Conc: 8.50



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab Sample ID: CCVIS 200-33599/2 Calibration Date: 02/13/2012 14:31

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknw002.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	0.8452	0.7336		8.68	10.0	-13.2	30.0
Dichlorodifluoromethane	Ave	3.226	3.717		11.5	10.0	15.2	30.0
Freon 22	Ave	1.731	1.763		10.2	10.0	1.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.422	3.306		9.66	10.0	-3.4	30.0
Chloromethane	Ave	0.9778	0.8092		8.27	10.0	-17.2	30.0
n-Butane	Ave	1.947	1.524		7.82	10.0	-21.7	30.0
Vinyl chloride	Ave	1.190	0.9371		7.87	10.0	-21.3	30.0
1,3-Butadiene	Ave	0.9269	0.6777		7.31	10.0	-26.9	30.0
Bromomethane	Ave	1.076	0.9113		8.47	10.0	-15.3	30.0
Chloroethane	Ave	0.6498	0.4711		7.25	10.0	-27.5	30.0
Isopentane	Ave	1.529	1.042		6.82	10.0	-31.8*	30.0
Bromoethene(Vinyl Bromide)	Ave	1.078	0.9407		8.72	10.0	-12.8	30.0
Trichlorofluoromethane	Ave	3.268	3.784		11.6	10.0	15.8	30.0
n-Pentane	Ave	2.209	1.634		7.40	10.0	-26.0	30.0
Ethanol	Ave	0.3924	0.2364		9.04	15.0	-39.8*	30.0
Ethyl ether	Ave	0.8319	0.6430		7.73	10.0	-22.7	30.0
Acrolein	Ave	0.3902	0.2822		7.23	10.0	-27.7	30.0
Freon TF	Ave	2.278	2.162		9.49	10.0	-5.1	30.0
1,1-Dichloroethene	Ave	1.076	0.8982		8.35	10.0	-16.5	30.0
Acetone	Ave	1.631	1.726		10.6	10.0	5.9	30.0
Isopropyl alcohol	Ave	1.119	0.8806		7.87	10.0	-21.3	30.0
Carbon disulfide	Ave	3.237	2.353		7.27	10.0	-27.3	30.0
3-Chloropropene	Ave	1.597	1.279		8.01	10.0	-19.9	30.0
Acetonitrile	Ave	0.6769	0.6077		8.98	10.0	-10.2	30.0
Methylene Chloride	Ave	1.226	1.041		8.49	10.0	-15.1	30.0
tert-Butyl alcohol	Ave	1.663	1.509		9.07	10.0	-9.3	30.0
Methyl tert-butyl ether	Ave	3.420	3.265		9.54	10.0	-4.5	30.0
trans-1,2-Dichloroethene	Ave	1.726	1.600		9.27	10.0	-7.3	30.0
Acrylonitrile	Ave	0.7730	0.5622		7.27	10.0	-27.3	30.0
n-Hexane	Ave	1.990	1.541		7.74	10.0	-22.6	30.0
Vinyl acetate	Ave	2.832	2.462		8.69	10.0	-13.1	30.0
1,1-Dichloroethane	Ave	2.172	1.935		8.91	10.0	-10.9	30.0
Ethyl acetate	Ave	0.1111	0.0911		8.20	10.0	-18.0	30.0
Methyl Ethyl Ketone	Ave	0.5977	0.4358		7.29	10.0	-27.1	30.0
cis-1,2-Dichloroethene	Ave	1.277	1.070		8.38	10.0	-16.2	30.0
Tetrahydrofuran	Ave	0.2217	0.1826		8.23	10.0	-17.6	30.0
Chloroform	Ave	2.620	2.619		9.99	10.0	-0.0	30.0
1,1,1-Trichloroethane	Ave	0.5117	0.6109		11.9	10.0	19.4	30.0
Cyclohexane	Ave	0.3285	0.2831		8.62	10.0	-13.8	30.0
Carbon tetrachloride	Ave	0.5212	0.6549		12.6	10.0	25.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab Sample ID: CCVIS 200-33599/2 Calibration Date: 02/13/2012 14:31

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknw002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.118	0.9285		8.30	10.0	-17.0	30.0
Benzene	Ave	0.7127	0.5568		7.81	10.0	-21.9	30.0
1,2-Dichloroethane	Ave	0.3068	0.3973		12.9	10.0	29.5	30.0
n-Heptane	Ave	0.4147	0.3623		8.74	10.0	-12.6	30.0
n-Butanol	Ave	0.0848	0.0699		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.3193	0.3128		9.79	10.0	-2.0	30.0
1,2-Dichloropropane	Ave	0.2438	0.1962		8.05	10.0	-19.5	30.0
Methyl methacrylate	Ave	0.2263	0.1919		8.48	10.0	-15.2	30.0
1,4-Dioxane	Ave	0.0840	0.0669		7.96	10.0	-20.4	30.0
Dibromomethane	Ave	0.2489	0.2846		11.4	10.0	14.3	30.0
Bromodichloromethane	Ave	0.5035	0.5592		11.1	10.0	11.1	30.0
cis-1,3-Dichloropropene	Ave	0.3767	0.3687		9.78	10.0	-2.1	30.0
methyl isobutyl ketone	Ave	0.4284	0.4136		9.65	10.0	-3.5	30.0
n-Octane	Ave	0.5655	0.5117		9.05	10.0	-9.5	30.0
Toluene	Ave	0.5552	0.4913		8.85	10.0	-11.5	30.0
trans-1,3-Dichloropropene	Ave	0.3896	0.4218		10.8	10.0	8.3	30.0
1,1,2-Trichloroethane	Ave	0.2505	0.2152		8.59	10.0	-14.1	30.0
Tetrachloroethene	Ave	0.4535	0.5052		11.1	10.0	11.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4423	0.4373		9.89	10.0	-1.1	30.0
Dibromochloromethane	Ave	0.5245	0.6028		11.5	10.0	14.9	30.0
1,2-Dibromoethane	Ave	0.4671	0.4666		9.99	10.0	-0.1	30.0
Chlorobenzene	Ave	0.7371	0.7369		10.0	10.0	-0.0	30.0
Ethylbenzene	Ave	1.229	1.176		9.56	10.0	-4.3	30.0
n-Nonane	Ave	0.5480	0.4877		8.90	10.0	-11.0	30.0
m,p-Xylene	Ave	0.4831	0.4521		18.7	20.0	-6.4	30.0
Xylene, o-	Ave	0.4608	0.4409		9.57	10.0	-4.3	30.0
Styrene	Ave	0.7170	0.7020		9.79	10.0	-2.1	30.0
Bromoform	Ave	0.5108	0.5954		11.7	10.0	16.6	30.0
Cumene	Ave	1.336	1.391		10.4	10.0	4.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6587	0.5729		8.70	10.0	-13.0	30.0
1,2,3-Trichloropropane	Ave	0.5305	0.5426		10.2	10.0	2.3	30.0
n-Propylbenzene	Ave	1.621	1.617		9.97	10.0	-0.2	30.0
n-Decane	Ave	0.6486	0.6345		9.78	10.0	-2.2	30.0
4-Ethyltoluene	Ave	1.377	1.443		10.5	10.0	4.8	30.0
2-Chlorotoluene	Ave	1.205	1.255		10.4	10.0	4.1	30.0
1,3,5-Trimethylbenzene	Ave	1.183	1.306		11.0	10.0	10.4	30.0
Alpha Methyl Styrene	Ave	0.5529	0.6020		10.9	10.0	8.9	30.0
tert-Butylbenzene	Ave	1.090	1.239		11.4	10.0	13.6	30.0
1,2,4-Trimethylbenzene	Ave	1.138	1.273		11.2	10.0	11.9	30.0
sec-Butylbenzene	Ave	1.604	1.705		10.6	10.0	6.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Lab Sample ID: CCVIS 200-33599/2 Calibration Date: 02/13/2012 14:31

Instrument ID: C.i Calib Start Date: 01/12/2012 17:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/12/2012 22:26

Lab File ID: cknw002.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	1.362	1.584		11.6	10.0	16.3	30.0
1,3-Dichlorobenzene	Ave	0.7773	0.8914		11.5	10.0	14.7	30.0
1,4-Dichlorobenzene	Ave	0.7728	0.8737		11.3	10.0	13.1	30.0
Benzyl chloride	Ave	0.8770	1.087		12.4	10.0	23.9	30.0
n-Undecane	Ave	0.6294	0.6597		10.5	10.0	4.8	30.0
n-Butylbenzene	Ave	1.173	1.285		11.0	10.0	9.5	30.0
1,2-Dichlorobenzene	Ave	0.7352	0.8500		11.6	10.0	15.6	30.0
n-Dodecane	Ave	0.3305	0.2884		8.73	10.0	-12.7	30.0
1,2,4-Trichlorobenzene	Ave	0.3929	0.4965		12.6	10.0	26.4	30.0
Hexachlorobutadiene	Ave	0.3860	0.4072		10.5	10.0	5.5	30.0
Naphthalene	Ave	0.8764	1.023		11.7	10.0	16.8	30.0
1,2,3-Trichlorobenzene	Ave	0.3333	0.4105		12.3	10.0	23.2	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknwto15.b/cknw002.d
Lab Smp Id: ccvis 275680
Inj Date : 13-FEB-2012 14:31
Operator : wrd Inst ID: C.i
Smp Info : ccvis 275680
Misc Info : 200,1, ccvis
Comment :
Method : /chem/C.i/Csvr.p/cknwto15.b/to15v5.m
Meth Date : 14-Feb-2012 16:11 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.972	4.977	(0.448)	172666	10.0000	8.7
2	Dichlorodifluoromethane	85	5.052	5.057	(0.455)	874791	10.0000	12
3	Chlorodifluoromethane	51	5.100	5.100	(0.460)	414926	10.0000	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.345	5.351	(0.482)	778161	10.0000	9.7
5	Chloromethane	50	5.511	5.516	(0.497)	190469	10.0000	8.3
6	Butane	43	5.719	5.730	(0.515)	358703	10.0000	7.8
7	Vinyl chloride	62	5.762	5.767	(0.519)	220556	10.0000	7.9
8	1,3-Butadiene	54	5.836	5.847	(0.526)	159508	10.0000	7.3
9	Bromomethane	94	6.498	6.509	(0.585)	214501	10.0000	8.5
10	Chloroethane	64	6.696	6.712	(0.603)	110874	10.0000	7.2
11	2-Methylbutane	43	6.770	6.781	(0.610)	245254	10.0000	6.8
12	Vinyl bromide	106	7.053	7.064	(0.636)	221401	10.0000	8.7
13	Trichlorofluoromethane	101	7.133	7.149	(0.643)	890620	10.0000	12
14	Pentane	43	7.245	7.256	(0.653)	384680	10.0000	7.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	7.475	7.485	(0.673)	83488	15.0000	9.0
	16 Ethyl ether	59	7.640	7.656	(0.688)	151342	10.0000	7.7
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.998	8.014	(0.721)	508834	10.0000	9.5
	18 Acrolein	56	7.955	7.976	(0.717)	66422	10.0000	7.2
	19 1,1-Dichloroethene	96	8.072	8.088	(0.727)	211417	10.0000	8.4(Q)
	20 Acetone	43	8.190	8.211	(0.738)	406311	10.0000	11
	21 Carbon disulfide	76	8.478	8.494	(0.764)	553832	10.0000	7.3
	22 Isopropanol	45	8.334	8.350	(0.751)	207270	10.0000	7.9
	23 Allyl chloride	41	8.676	8.692	(0.782)	300947	10.0000	8.0(M)
	24 Acetonitrile	41	8.697	8.692	(0.784)	143038	10.0000	9.0(QM)
	25 Methylene chloride	49	8.889	8.910	(0.801)	245053	10.0000	8.5
	26 Tert-butyl alcohol	59	8.953	8.969	(0.807)	355169	10.0000	9.1
	27 Methyl tert-butyl ether	73	9.209	9.231	(0.830)	768528	10.0000	9.5
	28 1,2-Dichloroethene (trans)	61	9.257	9.279	(0.834)	376640	10.0000	9.3
	29 Acrylonitrile	53	9.311	9.337	(0.839)	132316	10.0000	7.3
	30 n-Hexane	57	9.556	9.572	(0.861)	362697	10.0000	7.7
	31 1,1-Dichloroethane	63	9.930	9.951	(0.895)	455471	10.0000	8.9
	32 Vinyl acetate	43	9.908	9.935	(0.893)	579374	10.0000	8.7
M	33 1,2-Dichloroethene,Total	61				628593	20.0000	18
	34 1,2-Dichloroethene (cis)	96	10.752	10.773	(0.969)	251953	10.0000	8.4
	35 Ethyl acetate	88	10.741	10.762	(0.968)	21436	10.0000	8.2
	36 Methyl Ethyl Ketone	72	10.741	10.762	(0.968)	102580	10.0000	7.3(Q)
*	37 Bromochloromethane	128	11.098	11.125	(1.000)	235414	10.0000	(Q)
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	234921	10.0000	8.2
	39 Chloroform	83	11.152	11.173	(1.005)	616311	10.0000	10
	40 Cyclohexane	84	11.451	11.477	(0.922)	364209	10.0000	8.6
	41 1,1,1-Trichloroethane	97	11.429	11.451	(0.920)	785833	10.0000	12
	42 Carbon tetrachloride	117	11.627	11.648	(0.936)	842445	10.0000	13
	43 2,2,4-Trimethylpentane	57	11.883	11.904	(0.957)	1194394	10.0000	8.3
	44 Benzene	78	11.931	11.958	(0.960)	716207	10.0000	7.8
	45 1,2-Dichloroethane	62	12.011	12.032	(0.967)	511119	10.0000	13
	46 n-Heptane	43	12.107	12.129	(0.975)	466101	10.0000	8.7
*	47 1,4-Difluorobenzene	114	12.422	12.443	(1.000)	1286649	10.0000	
	48 n-Butanol	56	12.561	12.582	(1.011)	89957	10.0000	8.2
	49 Trichloroethene	95	12.790	12.812	(1.030)	402347	10.0000	9.8
	50 1,2-Dichloropropane	63	13.153	13.180	(1.059)	252445	10.0000	8.0(Q)
	51 Methyl methacrylate	69	13.164	13.191	(1.060)	246896	10.0000	8.5(Q)
	52 Dibromomethane	174	13.329	13.356	(1.073)	366090	10.0000	11
	53 1,4-Dioxane	88	13.281	13.303	(1.069)	86042	10.0000	8.0
	54 Bromodichloromethane	83	13.479	13.505	(1.085)	719367	10.0000	11
	55 1,3-Dichloropropene (cis)	75	14.098	14.125	(1.135)	474236	10.0000	9.8
	56 Methyl isobutyl ketone	43	14.242	14.269	(1.147)	531993	10.0000	9.7
	57 n-Octane	43	14.493	14.514	(1.167)	658205	10.0000	9.0
	58 Toluene	92	14.530	14.557	(0.889)	594465	10.0000	8.8
	59 1,3-Dichloropropene (trans)	75	14.840	14.866	(1.195)	542571	10.0000	11
	60 1,1,2-Trichloroethane	83	15.096	15.123	(0.924)	260377	10.0000	8.6
	61 Tetrachloroethene	166	15.251	15.272	(0.933)	611374	10.0000	11

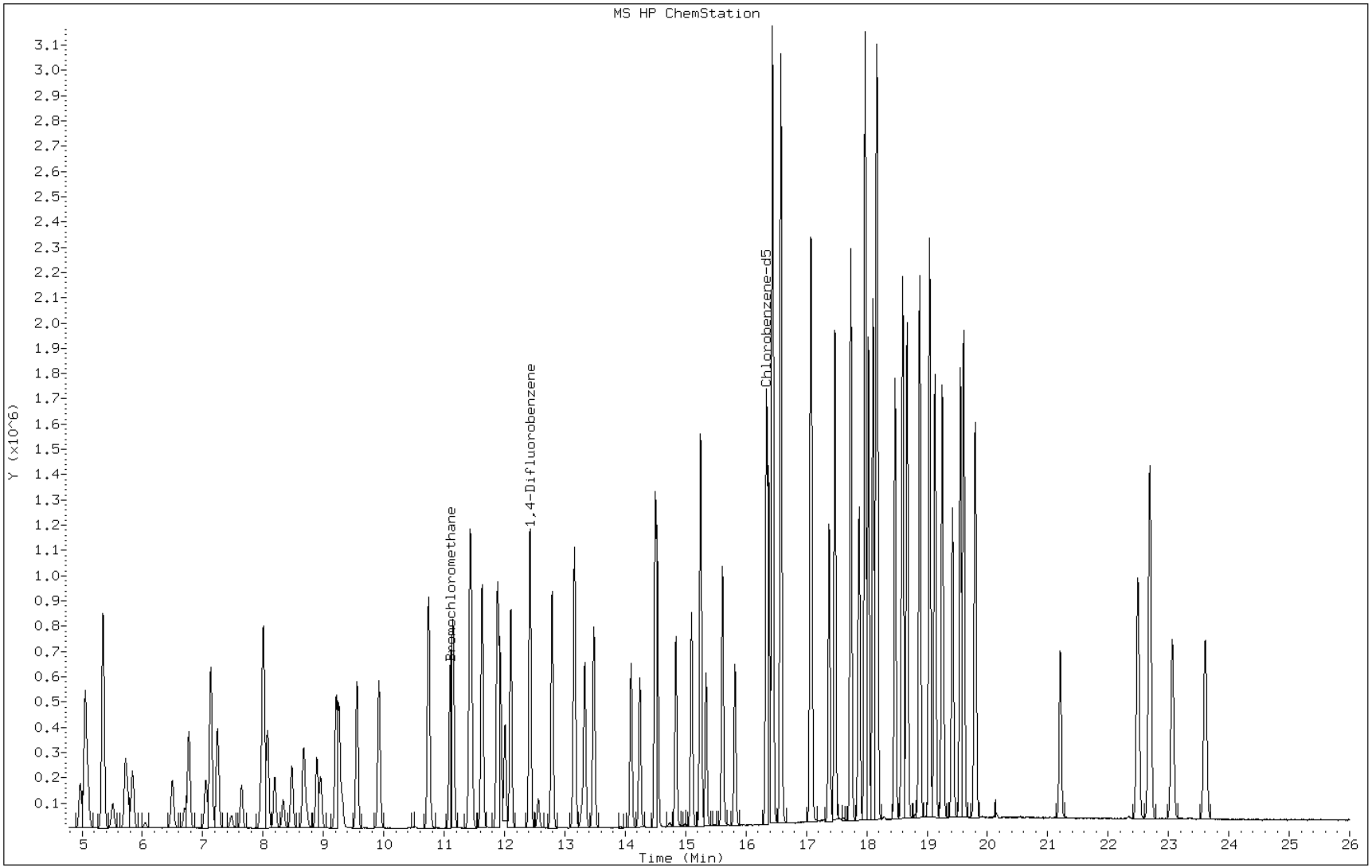
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	15.336	15.363	(0.939)	529159	10.0000	9.9
63	Dibromochloromethane	129	15.614	15.635	(0.956)	729409	10.0000	11
64	1,2-Dibromoethane	107	15.816	15.838	(0.968)	564618	10.0000	10
* 65	Chlorobenzene-d5	117	16.339	16.366	(1.000)	1210302	10.0000	
66	Chlorobenzene	112	16.377	16.403	(1.002)	891737	10.0000	10
67	n-Nonane	57	16.441	16.462	(1.006)	590183	10.0000	8.9
68	Ethylbenzene	91	16.441	16.462	(1.006)	1422575	10.0000	9.6
69	Xylene (m,p)	106	16.574	16.601	(1.014)	1094067	20.0000	19
M 70	Xylenes, Total	106				1627627	10.0000	28
71	Xylene (o)	106	17.070	17.092	(1.045)	533560	10.0000	9.6
72	Styrene	104	17.087	17.113	(1.046)	849497	10.0000	9.8
73	Bromoform	173	17.375	17.401	(1.063)	720514	10.0000	12
74	Isopropylbenzene	105	17.471	17.497	(1.069)	1682892	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	17.871	17.898	(1.094)	693203	10.0000	8.7
76	n-Propylbenzene	91	17.972	17.994	(1.100)	1956701	10.0000	10
77	1,2,3-Trichloropropane	75	17.972	17.994	(1.100)	656631	10.0000	10
78	n-Decane	57	18.026	18.047	(1.103)	767758	10.0000	9.8
79	4-Ethyltoluene	105	18.106	18.127	(1.108)	1746547	10.0000	10
80	2-Chlorotoluene	91	18.159	18.181	(1.111)	1518158	10.0000	10
81	1,3,5-Trimethylbenzene	105	18.175	18.197	(1.112)	1580753	10.0000	11
82	Alpha Methyl Styrene	118	18.474	18.495	(1.131)	728405	10.0000	11
83	tert-butylbenzene	119	18.597	18.618	(1.138)	1498938	10.0000	11
84	1,2,4-Trimethylbenzene	105	18.666	18.693	(1.142)	1540715	10.0000	11
85	sec-Butylbenzene	105	18.880	18.901	(1.155)	2063455	10.0000	11
86	4-Isopropyltoluene	119	19.045	19.066	(1.166)	1916825	10.0000	12
87	1,3-Dichlorobenzene	146	19.131	19.157	(1.171)	1078628	10.0000	11
88	1,4-Dichlorobenzene	146	19.253	19.280	(1.178)	1057192	10.0000	11
89	Benzyl chloride	91	19.419	19.445	(1.188)	1314821	10.0000	12
90	Undecane	57	19.552	19.573	(1.197)	798259	10.0000	10
91	n-Butylbenzene	91	19.606	19.632	(1.200)	1554730	10.0000	11
92	1,2-Dichlorobenzene	146	19.798	19.830	(1.212)	1028571	10.0000	12
93	Dodecane	57	21.207	21.239	(1.298)	348994	10.0000	8.7
94	1,2,4-Trichlorobenzene	180	22.493	22.535	(1.377)	600806	10.0000	13
95	1,3-Hexachlorobutadiene	225	22.696	22.733	(1.389)	492775	10.0000	11
96	Naphthalene	128	23.064	23.107	(1.412)	1238427	10.0000	12
97	1,2,3-Trichlorobenzene	180	23.603	23.651	(1.445)	496751	10.0000	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: cknw002.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 275680
Lab Sample ID: ccvis 275680

Date: 13-FEB-2012 14:31
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



Manual Integration Report

Data File: cknw002.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 13-FEB-2012 14:31
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/14/2012

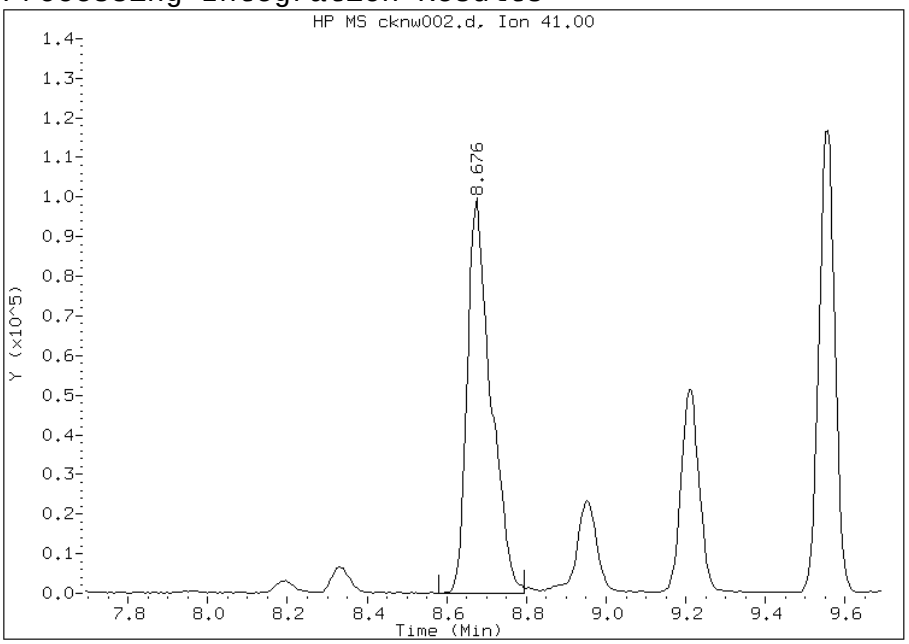
Processing Integration Results

RT: 8.68

Response: 409488

Amount: 10.89

Conc: 10.89



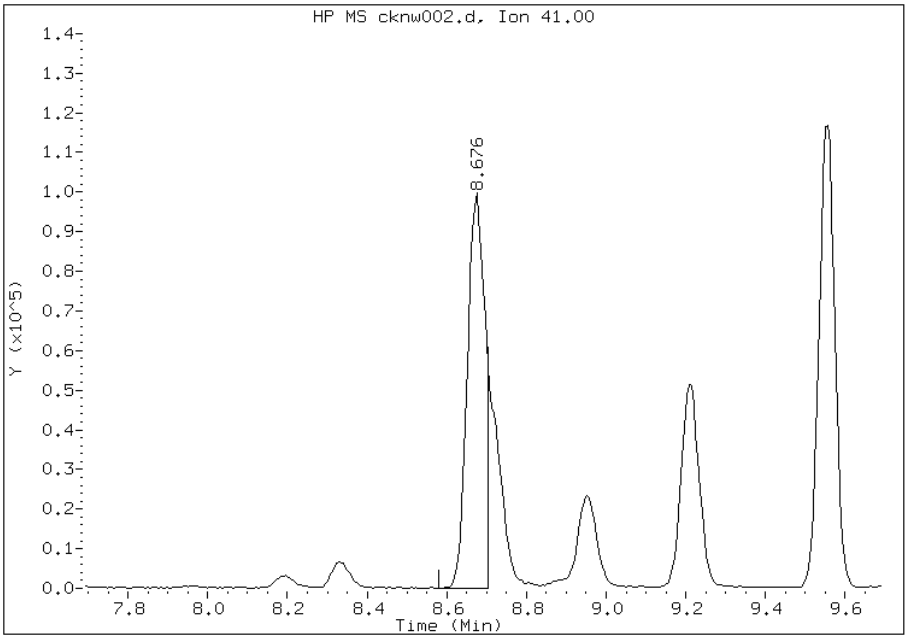
Manual Integration Results

RT: 8.68

Response: 300947

Amount: 8.01

Conc: 8.01



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: cknw002.d
Lab Sample ID: ccvis 275680
Inj. Date and Time: 13-FEB-2012 14:31
Instrument ID: C.i
Client ID:
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 02/14/2012

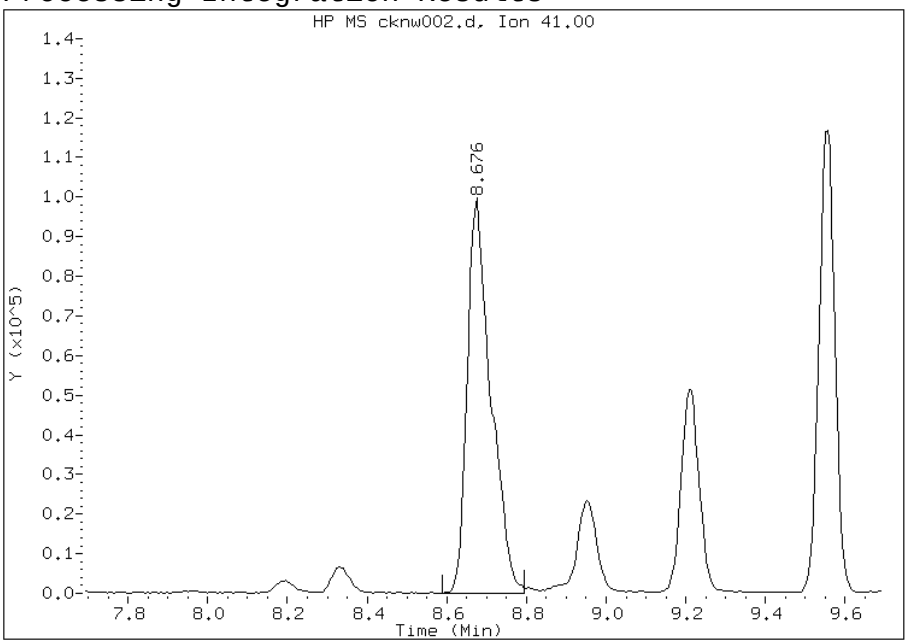
Processing Integration Results

RT: 8.68

Response: 409503

Amount: 25.70

Conc: 25.70



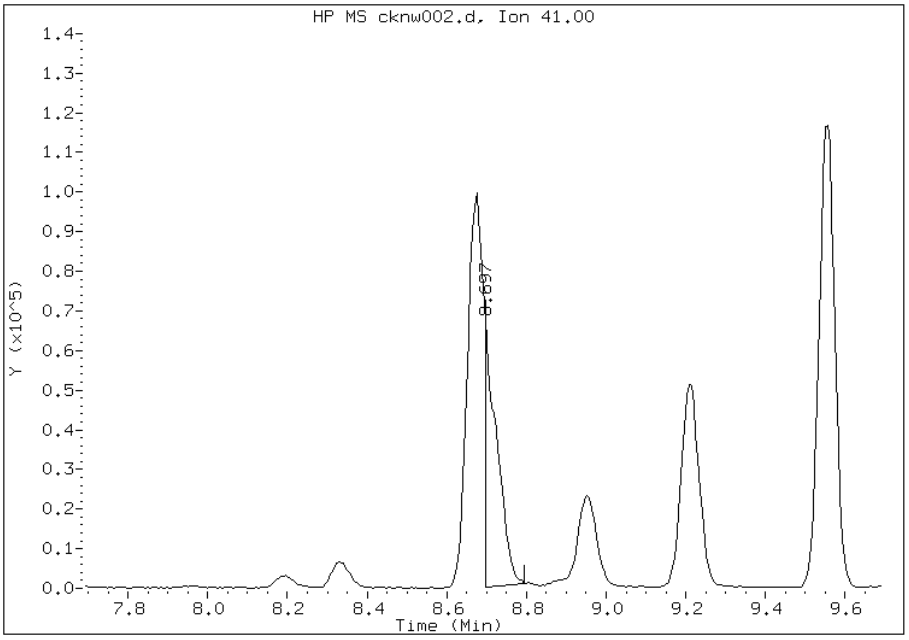
Manual Integration Results

RT: 8.70

Response: 143038

Amount: 8.98

Conc: 8.98



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /chem/C.i/Csvr.p/cknto15.b/ckn001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-JAN-2012 15:51
Operator : pad Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknto15.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

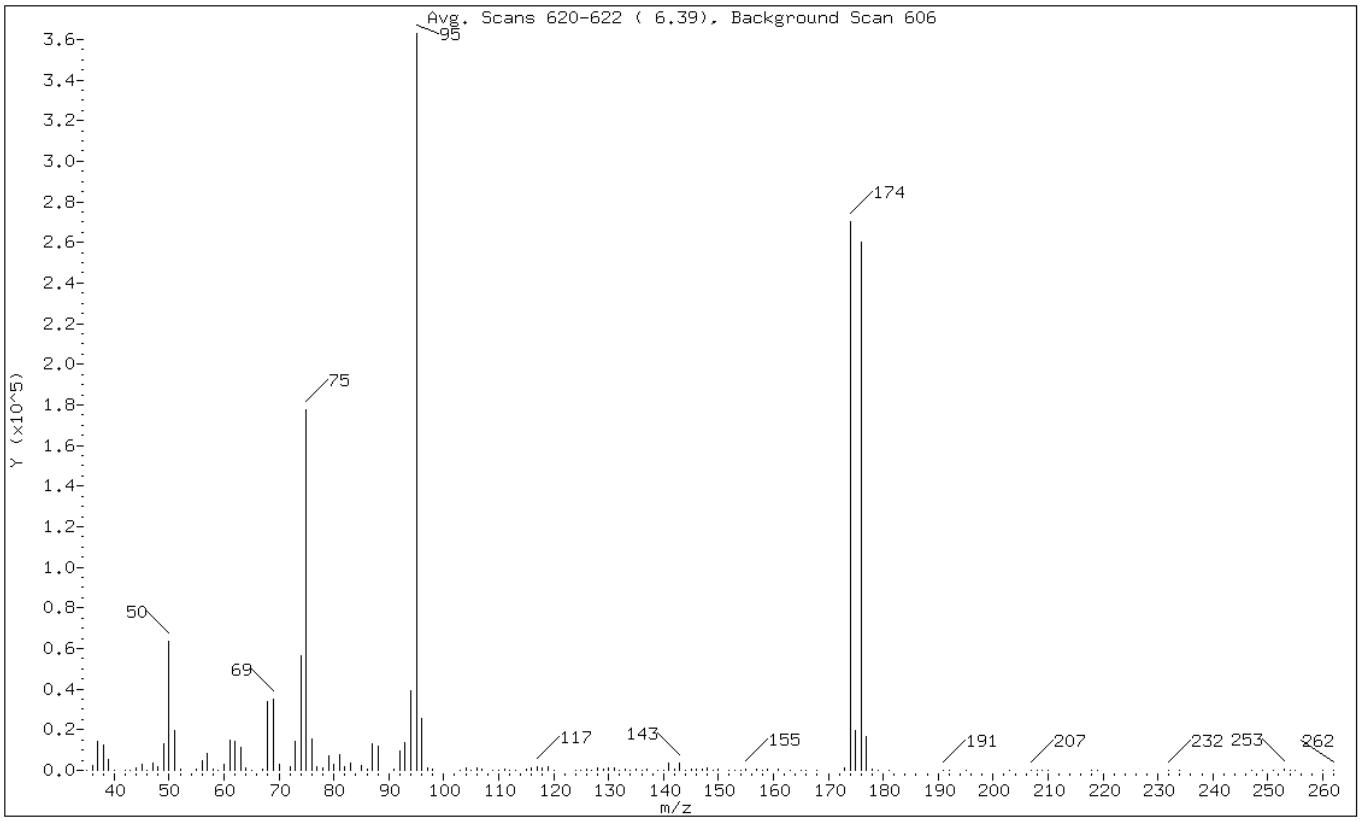
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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	
6.394	6.760	-0.366	95	362880			100.00- 100.00	100.00
6.394	6.760	-0.366	50	63274			8.00- 40.00	17.44
6.394	6.760	-0.366	75	177428			30.00- 66.00	48.89
6.394	6.760	-0.366	96	25599			5.00- 9.00	7.05
6.394	6.760	-0.366	173	1386			0.00- 2.00	0.51
6.394	6.760	-0.366	174	270016			50.00- 120.00	74.41
6.394	6.760	-0.366	175	19546			4.00- 9.00	7.24
6.394	6.760	-0.366	176	260096			93.00- 101.00	96.33
6.394	6.760	-0.366	177	16907			5.00- 9.00	6.50

Data File:	ckn001.d	Date:	12-JAN-2012 15:51
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	17.44
75	30.00 - 66.00% of mass 95	48.89
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	0.38 (0.51)
174	50.00 - 120.00% of mass 95	74.41
175	4.00 - 9.00% of mass 174	5.39 (7.24)
176	93.00 - 101.00% of mass 174	71.68 (96.33)
177	5.00 - 9.00% of mass 176	4.66 (6.50)

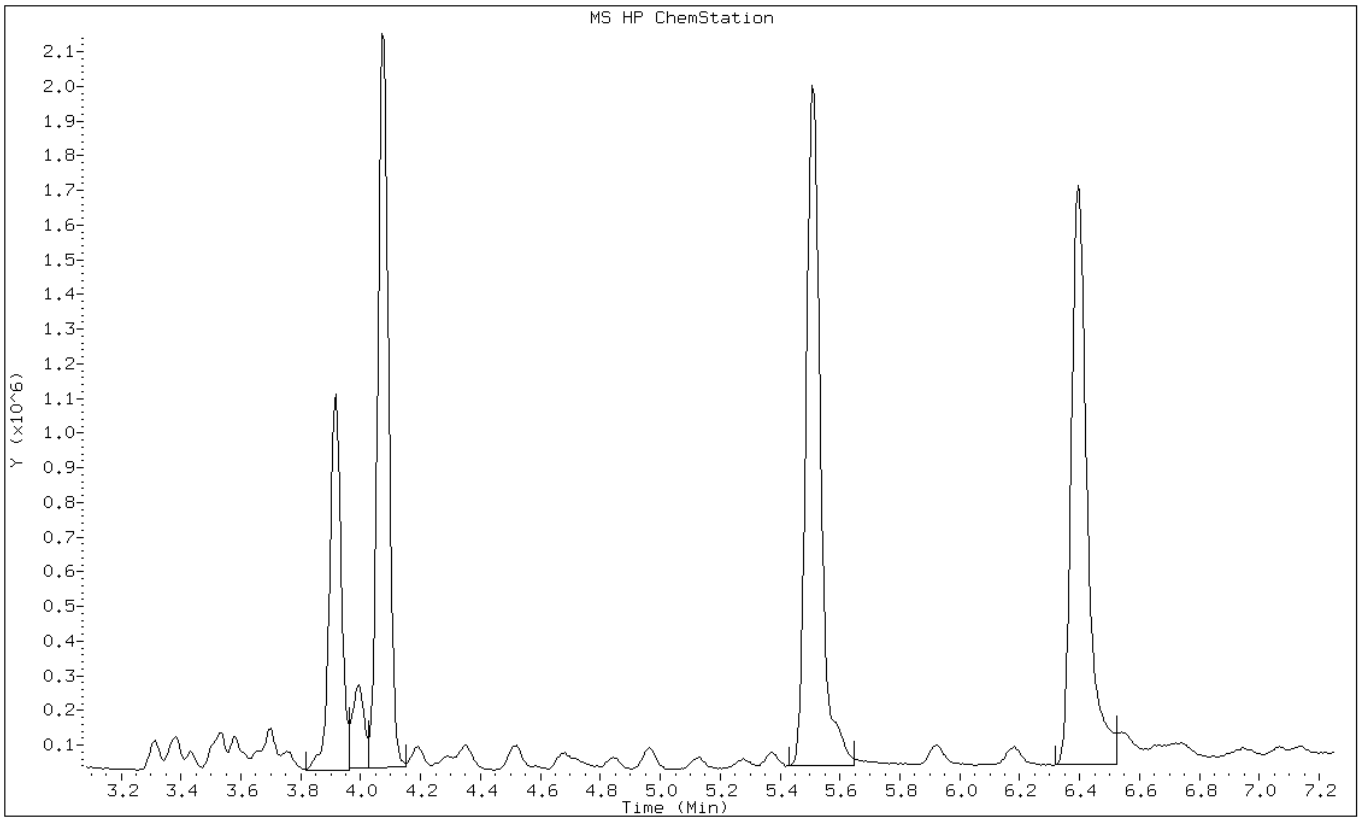
Data File: ckn001.d
Client ID: BFB
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-JAN-2012 15:51
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknto15.b/ckn001.d
Spectrum: Avg. Scans 620-622 (6.39), Background Scan 606
Location of Maximum: 95.00
Number of points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	87	75.00	177408	119.00	1645	161.00	621
36.00	2535	76.00	15421	120.00	3	163.00	15
37.00	14386	77.00	1565	124.00	229	165.00	79
38.00	12366	78.00	1021	125.00	249	166.00	282
39.00	5390	79.00	7383	126.00	344	168.00	214
40.00	151	80.00	2682	127.00	216	173.00	1386
42.00	83	81.00	7597	128.00	1270	174.00	270016
43.00	35	82.00	1895	129.00	554	175.00	19544
44.00	1352	83.00	3822	130.00	1313	176.00	260096
45.00	2744	85.00	2298	131.00	959	177.00	16904
46.00	89	86.00	342	132.00	267	178.00	444
47.00	3846	87.00	13057	133.00	386	179.00	43
48.00	1753	88.00	12040	134.00	107	181.00	68
49.00	12838	91.00	783	135.00	545	191.00	156
50.00	63272	92.00	9348	136.00	257	192.00	100
51.00	19672	93.00	13859	137.00	650	195.00	84
52.00	735	94.00	39200	139.00	91	203.00	137
55.00	766	95.00	362880	140.00	161	207.00	278
56.00	4456	96.00	25592	141.00	3312	208.00	254
57.00	8402	97.00	990	142.00	413	209.00	116
58.00	353	98.00	346	143.00	3481	210.00	71
59.00	66	103.00	93	144.00	86	218.00	90
60.00	3055	104.00	1420	145.00	396	219.00	87
61.00	14895	105.00	292	146.00	552	232.00	72
62.00	14512	106.00	1279	147.00	371	234.00	70
63.00	11135	107.00	417	148.00	954	247.00	165
64.00	1049	109.00	86	149.00	221	249.00	51
65.00	69	110.00	218	150.00	410	251.00	249
67.00	841	111.00	300	152.00	74	253.00	514
68.00	33704	112.00	149	153.00	159	254.00	103
69.00	34984	113.00	261	154.00	145	255.00	34
70.00	2679	115.00	323	155.00	838	260.00	163
72.00	1609	116.00	1182	157.00	621	262.00	15
73.00	13966	117.00	1688	158.00	66		
74.00	56352	118.00	1065	159.00	406		

Data File:	ckn001.d	Date:	12-JAN-2012 15:51
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/cknwto15.b/cknw001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 13-FEB-2012 13:38
Operator : wrd Inst ID: C.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/C.i/Csvr.p/cknwto15.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

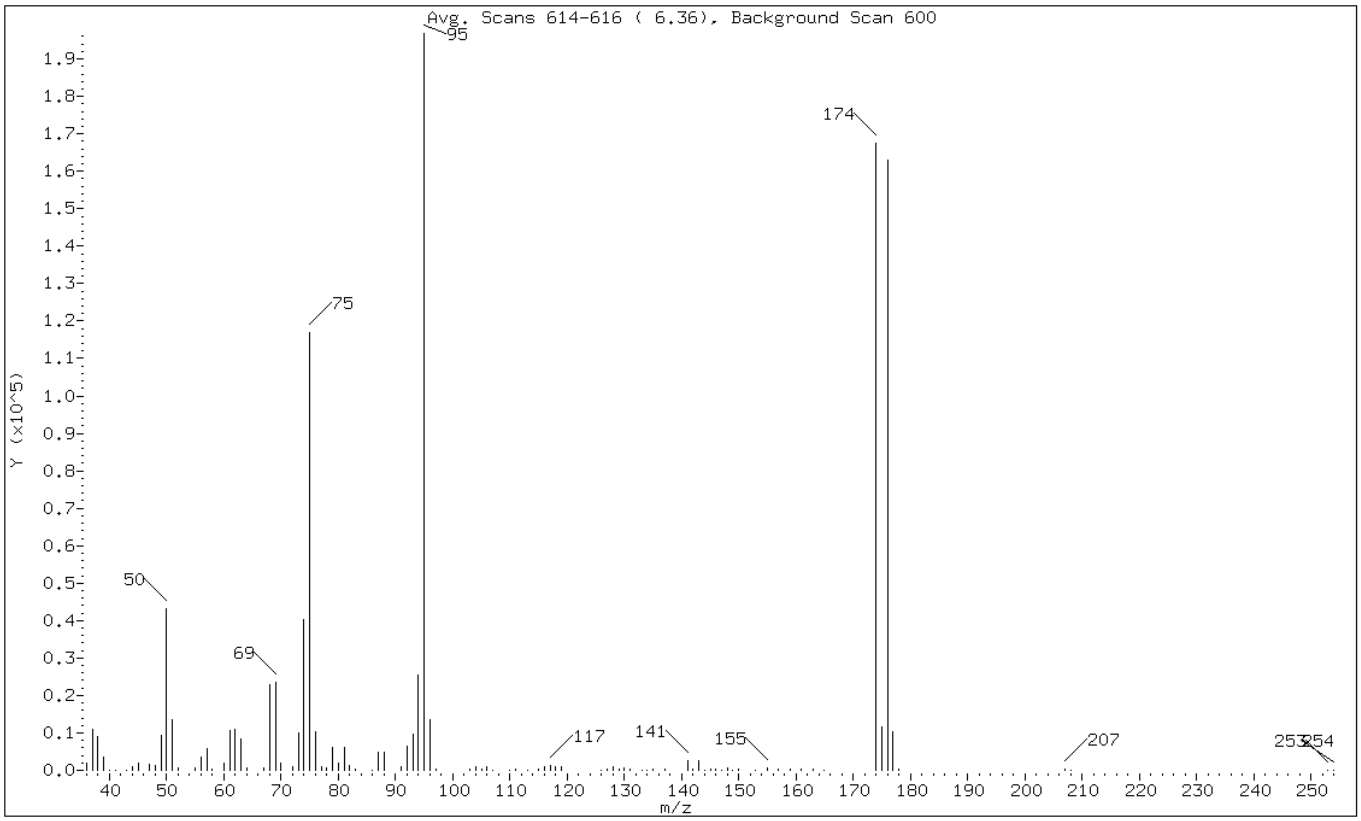
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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	
6.362	6.760	-0.398	95	196821			100.00- 100.00	100.00
6.362	6.760	-0.398	50	43138			8.00- 40.00	21.92
6.362	6.760	-0.398	75	117041			30.00- 66.00	59.47
6.362	6.760	-0.398	96	13538			5.00- 9.00	6.88
6.362	6.760	-0.398	173	0			0.00- 2.00	0.00
6.362	6.760	-0.398	174	167466			50.00- 120.00	85.09
6.362	6.760	-0.398	175	11701			4.00- 9.00	6.99
6.362	6.760	-0.398	176	163008			93.00- 101.00	97.34
6.362	6.760	-0.398	177	10236			5.00- 9.00	6.28

Data File:	cknw001.d	Date:	13-FEB-2012 13:38
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	21.92
75	30.00 - 66.00% of mass 95	59.47
96	5.00 - 9.00% of mass 95	6.88
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	85.09
175	4.00 - 9.00% of mass 174	5.94 (6.99)
176	93.00 - 101.00% of mass 174	82.82 (97.34)
177	5.00 - 9.00% of mass 176	5.20 (6.28)

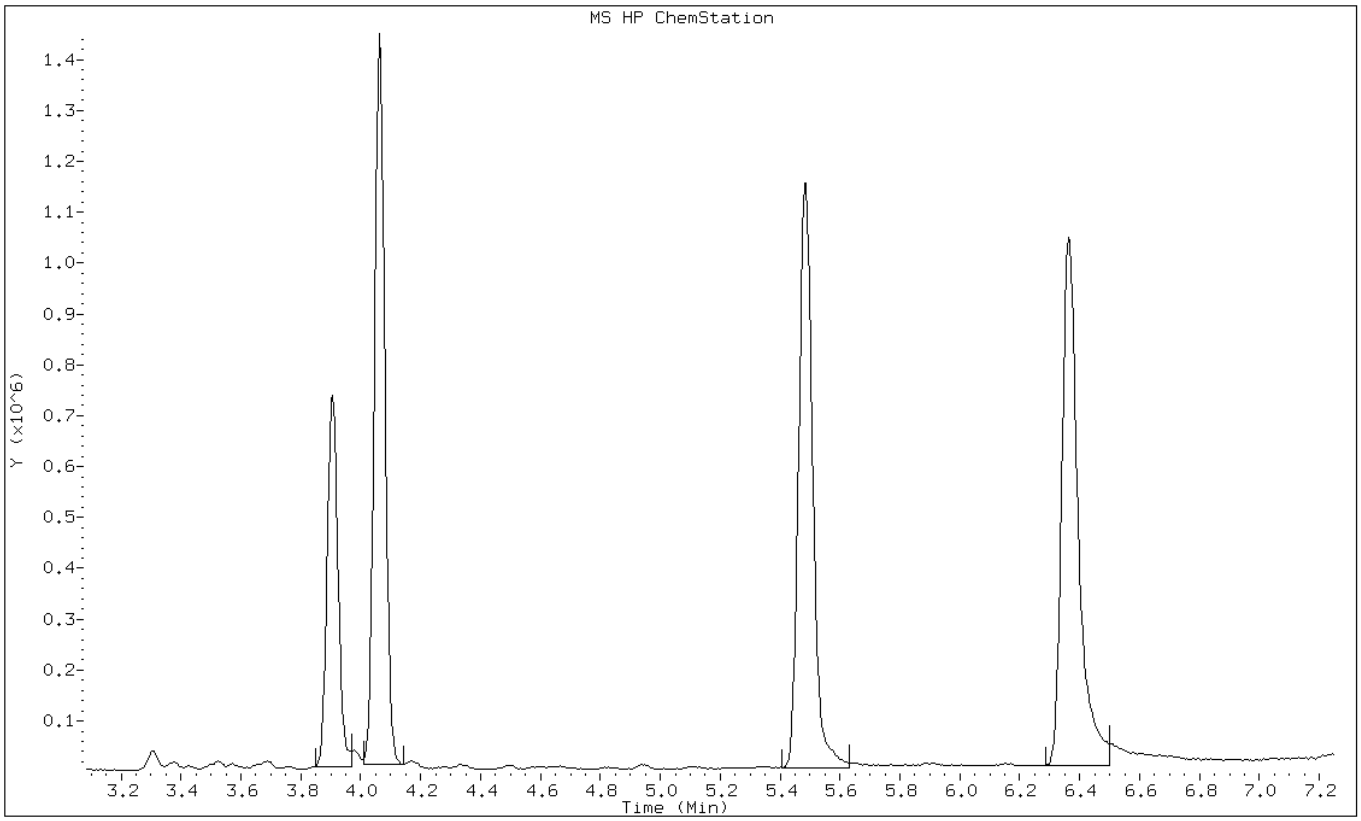
Data File: cknw001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 13-FEB-2012 13:38
Instrument: C.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/C.i/Csvr.p/cknwto15.b/cknw001.d
Spectrum: Avg. Scans 614-616 (6.36), Background Scan 600
Location of Maximum: 95.00
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1898	68.00	23000	103.00	404	143.00	2474
37.00	10949	69.00	23464	104.00	928	144.00	117
38.00	8866	70.00	1854	105.00	423	145.00	265
39.00	3512	72.00	1121	106.00	977	146.00	343
40.00	45	73.00	10054	107.00	98	147.00	133
41.00	67	74.00	40280	110.00	70	148.00	549
43.00	71	75.00	117040	111.00	175	149.00	156
44.00	1127	76.00	10337	113.00	92	150.00	208
45.00	2026	77.00	1048	115.00	312	153.00	89
47.00	1630	78.00	599	116.00	877	155.00	628
48.00	1322	79.00	6062	117.00	1328	157.00	368
49.00	9305	80.00	2049	118.00	908	159.00	345
50.00	43136	81.00	6176	119.00	1060	161.00	350
51.00	13639	82.00	1383	126.00	72	163.00	163
52.00	490	83.00	324	127.00	244	165.00	81
55.00	626	86.00	83	128.00	811	174.00	167424
56.00	3383	87.00	4912	129.00	426	175.00	11701
57.00	5882	88.00	4818	130.00	791	176.00	163008
58.00	226	91.00	1059	131.00	349	177.00	10236
60.00	2077	92.00	6544	133.00	56	178.00	418
61.00	10692	93.00	9664	134.00	71	207.00	226
62.00	10903	94.00	25448	135.00	380	208.00	141
63.00	8218	95.00	196800	137.00	394	253.00	71
64.00	752	96.00	13538	141.00	2535	254.00	73
67.00	520	97.00	430	142.00	299		

Data File:	cknw001.d	Date:	13-FEB-2012 13:38
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.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33599/4

Matrix: Air Lab File ID: cknw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 16:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.13	U	0.50	0.038
75-45-6	Freon 22	86.47	0.13	U	0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.080	U	0.20	0.032
74-87-3	Chloromethane	50.49	0.040	U	0.50	0.013
106-97-8	n-Butane	58.12	0.040	U	0.50	0.011
75-01-4	Vinyl chloride	62.50	0.080	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.040	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.040	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.040	U	0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.040	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.13	U	0.20	0.034
76-13-1	Freon TF	187.38	0.040	U	0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	0.080	U	0.20	0.030
67-64-1	Acetone	58.08	0.13	U	5.0	0.045
67-63-0	Isopropyl alcohol	60.10	0.13	U	5.0	0.037
75-15-0	Carbon disulfide	76.14	0.20	U	0.50	0.066
107-05-1	3-Chloropropene	76.53	0.040	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.040	U	0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	0.20	U	5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.080	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.080	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.13	U	0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	0.040	U	0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.20	0.014
67-66-3	Chloroform	119.38	0.080	U	0.20	0.031
109-99-9	Tetrahydrofuran	72.11	0.040	U	5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	0.13	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.13	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.13	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	U	0.20	0.036
71-43-2	Benzene	78.11	0.040	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.040	U	0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33599/4

Matrix: Air Lab File ID: cknw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 16:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.080	U	0.20	0.030
80-62-6	Methyl methacrylate	100.12	0.040	U	0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	0.040	U	0.20	0.014
123-91-1	1,4-Dioxane	88.11	0.32	U	5.0	0.088
75-27-4	Bromodichloromethane	163.83	0.080	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	0.080	U	0.50	0.026
108-88-3	Toluene	92.14	0.040	U	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.080	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.040	U	0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.13	U	0.50	0.039
124-48-1	Dibromochloromethane	208.29	0.080	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.20	0.018
108-90-7	Chlorobenzene	112.30	0.080	U	0.20	0.020
100-41-4	Ethylbenzene	106.17	0.080	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.16	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.080	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.080	U	0.20	0.022
100-42-5	Styrene	104.15	0.080	U	0.20	0.030
75-25-2	Bromoform	252.75	0.040	U	0.20	0.019
98-82-8	Cumene	120.19	0.080	U	0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.13	U	0.20	0.040
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.13	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.13	U	0.20	0.051
95-49-8	2-Chlorotoluene	126.59	0.13	U	0.20	0.047
98-06-6	tert-Butylbenzene	134.22	0.13	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	U	0.20	0.052
135-98-8	sec-Butylbenzene	134.22	0.13	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.13	U	0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	0.13	U	0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	0.13	U	0.20	0.044
100-44-7	Benzyl chloride	126.58	0.13	U	0.20	0.046
104-51-8	n-Butylbenzene	134.22	0.13	U	0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33599/4

Matrix: Air Lab File ID: cknw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 16:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.13	U	0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	0.13	U	0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.065
91-20-3	Naphthalene	128.17	0.32	U	0.50	0.086

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Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	0.64	U	2.5	0.19
75-45-6	Freon 22	86.47	0.46	U	1.8	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.56	U	1.4	0.22
74-87-3	Chloromethane	50.49	0.083	U	1.0	0.027
106-97-8	n-Butane	58.12	0.095	U	1.2	0.026
75-01-4	Vinyl chloride	62.50	0.20	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.088	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.16	U	0.78	0.047
75-00-3	Chloroethane	64.52	0.11	U	1.3	0.042
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.17	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	0.73	U	1.1	0.19
76-13-1	Freon TF	187.38	0.31	U	1.5	0.077
75-35-4	1,1-Dichloroethene	96.94	0.32	U	0.79	0.12
67-64-1	Acetone	58.08	0.31	U	12	0.11
67-63-0	Isopropyl alcohol	60.10	0.32	U	12	0.091
75-15-0	Carbon disulfide	76.14	0.62	U	1.6	0.21
107-05-1	3-Chloropropene	76.53	0.13	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	0.14	U	1.7	0.045
75-65-0	tert-Butyl alcohol	74.12	0.61	U	15	0.22
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.32	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.28	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.53	U	0.81	0.14
78-93-3	Methyl Ethyl Ketone	72.11	0.12	U	1.5	0.050
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.79	0.056
67-66-3	Chloroform	119.38	0.39	U	0.98	0.15
109-99-9	Tetrahydrofuran	72.11	0.12	U	15	0.053
71-55-6	1,1,1-Trichloroethane	133.41	0.71	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.45	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	0.82	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	U	0.93	0.17
71-43-2	Benzene	78.11	0.13	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.16	U	0.82	0.041

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33599/4

Matrix: Air Lab File ID: cknw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 16:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	0.43	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	0.16	U	2.0	0.053
78-87-5	1,2-Dichloropropane	112.99	0.18	U	0.92	0.065
123-91-1	1,4-Dioxane	88.11	1.2	U	18	0.32
75-27-4	Bromodichloromethane	163.83	0.54	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.91	0.073
108-10-1	methyl isobutyl ketone	100.16	0.33	U	2.0	0.11
108-88-3	Toluene	92.14	0.15	U	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.36	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	0.27	U	1.4	0.075
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.53	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	0.68	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	0.31	U	1.5	0.14
108-90-7	Chlorobenzene	112.30	0.37	U	0.92	0.092
100-41-4	Ethylbenzene	106.17	0.35	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	0.69	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.35	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.35	U	0.87	0.096
100-42-5	Styrene	104.15	0.34	U	0.85	0.13
75-25-2	Bromoform	252.75	0.41	U	2.1	0.20
98-82-8	Cumene	120.19	0.39	U	0.98	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.89	U	1.4	0.27
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.25
622-96-8	4-Ethyltoluene	120.20	0.64	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.64	U	0.98	0.25
95-49-8	2-Chlorotoluene	126.59	0.67	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	0.71	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.64	U	0.98	0.26
135-98-8	sec-Butylbenzene	134.22	0.71	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	0.71	U	1.1	0.26
541-73-1	1,3-Dichlorobenzene	147.00	0.78	U	1.2	0.26
106-46-7	1,4-Dichlorobenzene	147.00	0.78	U	1.2	0.26
100-44-7	Benzyl chloride	126.58	0.67	U	1.0	0.24
104-51-8	n-Butylbenzene	134.22	0.71	U	1.1	0.30

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Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-33599/4

Matrix: Air Lab File ID: cknw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 16:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	0.78	U	1.2	0.29
120-82-1	1,2,4-Trichlorobenzene	181.45	0.96	U	3.7	0.37
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.69
91-20-3	Naphthalene	128.17	1.7	U	2.6	0.45

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknwto15.b/cknw004.d
Lab Smp Id: mb
Inj Date : 13-FEB-2012 16:34
Operator : wrd Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cknwto15.b/to15v5.m
Meth Date : 14-Feb-2012 16:11 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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.					

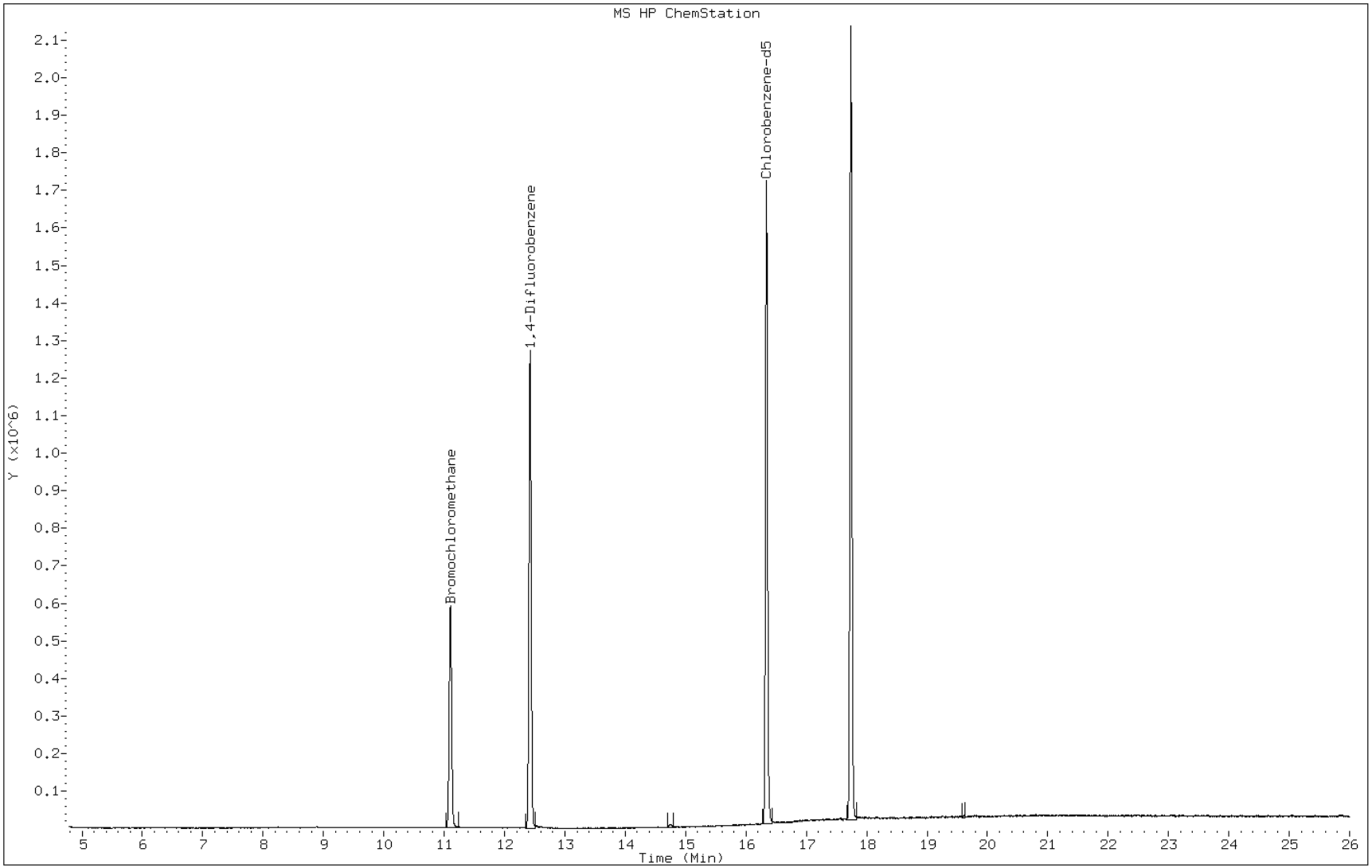
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)	
	15 Ethanol	45	Compound Not Detected.						
	16 Ethyl ether	59	Compound Not Detected.						
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.						
	18 Acrolein	56	Compound Not Detected.						
	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	11.104	11.125	(1.000)	252077	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	12.422	12.443	(1.000)	1399879	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	16.340	16.366	(1.000)	1301502	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:	cknw004.d	Date:	13-FEB-2012 16:34
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.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33599/3

Matrix: Air Lab File ID: cknw003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 15:44

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
75-71-8	Dichlorodifluoromethane	120.91	11.5		0.50	0.038
75-45-6	Freon 22	86.47	10.3		0.50	0.034
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.81		0.20	0.032
74-87-3	Chloromethane	50.49	8.36		0.50	0.013
106-97-8	n-Butane	58.12	7.97		0.50	0.011
75-01-4	Vinyl chloride	62.50	8.30		0.20	0.029
106-99-0	1,3-Butadiene	54.09	7.99		0.20	0.010
74-83-9	Bromomethane	94.94	8.49		0.20	0.012
75-00-3	Chloroethane	64.52	7.31		0.50	0.016
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.14		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	11.7		0.20	0.034
76-13-1	Freon TF	187.38	10.4		0.20	0.010
75-35-4	1,1-Dichloroethene	96.94	9.43		0.20	0.030
67-64-1	Acetone	58.08	9.78		5.0	0.045
67-63-0	Isopropyl alcohol	60.10	8.62		5.0	0.037
75-15-0	Carbon disulfide	76.14	7.93		0.50	0.066
107-05-1	3-Chloropropene	76.53	7.75	M	0.50	0.019
75-09-2	Methylene Chloride	84.93	9.26		0.50	0.013
75-65-0	tert-Butyl alcohol	74.12	9.39		5.0	0.071
1634-04-4	Methyl tert-butyl ether	88.15	9.62		0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	9.42		0.20	0.032
110-54-3	n-Hexane	86.17	8.01		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	9.12		0.20	0.035
78-93-3	Methyl Ethyl Ketone	72.11	7.29		0.50	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	8.71		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	18.1		0.20	0.014
67-66-3	Chloroform	119.38	10.1		0.20	0.031
109-99-9	Tetrahydrofuran	72.11	8.24		5.0	0.018
71-55-6	1,1,1-Trichloroethane	133.41	11.9		0.20	0.035
110-82-7	Cyclohexane	84.16	8.87		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	12.5		0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	8.54		0.20	0.036
71-43-2	Benzene	78.11	8.03		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	13.0		0.20	0.031
142-82-5	n-Heptane	100.21	8.86		0.20	0.010

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33599/3

Matrix: Air Lab File ID: cknw003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 15:44

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
79-01-6	Trichloroethene	131.39	9.69		0.20	0.030
80-62-6	Methyl methacrylate	100.12	8.25		0.50	0.013
78-87-5	1,2-Dichloropropane	112.99	8.01		0.20	0.014
123-91-1	1,4-Dioxane	88.11	8.14		5.0	0.088
75-27-4	Bromodichloromethane	163.83	11.4		0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	9.45		0.20	0.016
108-10-1	methyl isobutyl ketone	100.16	9.44		0.50	0.026
108-88-3	Toluene	92.14	8.52		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	10.3		0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	8.05		0.20	0.019
127-18-4	Tetrachloroethene	165.83	10.7		0.20	0.011
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.23		0.50	0.039
124-48-1	Dibromochloromethane	208.29	11.4		0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	9.32		0.20	0.018
108-90-7	Chlorobenzene	112.30	9.52		0.20	0.020
100-41-4	Ethylbenzene	106.17	9.03		0.20	0.022
179601-23-1	m,p-Xylene	106.17	17.4		0.50	0.048
95-47-6	Xylene, o-	106.17	8.72		0.20	0.022
1330-20-7	Xylene (total)	106.17	26.1		0.20	0.022
100-42-5	Styrene	104.15	9.03		0.20	0.030
75-25-2	Bromoform	252.75	11.3		0.20	0.019
98-82-8	Cumene	120.19	9.74		0.20	0.031
79-34-5	1,1,2,2-Tetrachloroethane	167.85	7.74		0.20	0.040
103-65-1	n-Propylbenzene	120.19	9.26		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	10.0		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	9.79		0.20	0.051
95-49-8	2-Chlorotoluene	126.59	9.79		0.20	0.047
98-06-6	tert-Butylbenzene	134.22	10.5		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	9.87		0.20	0.052
135-98-8	sec-Butylbenzene	134.22	9.73		0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	10.6		0.20	0.048
541-73-1	1,3-Dichlorobenzene	147.00	10.0		0.20	0.044
106-46-7	1,4-Dichlorobenzene	147.00	9.95		0.20	0.044
100-44-7	Benzyl chloride	126.58	10.1		0.20	0.046
104-51-8	n-Butylbenzene	134.22	9.83		0.20	0.055

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

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-33599/3

Matrix: Air Lab File ID: cknw003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/13/2012 15:44

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 33599 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	LOQ	DL
95-50-1	1,2-Dichlorobenzene	147.00	9.80		0.20	0.048
120-82-1	1,2,4-Trichlorobenzene	181.45	10.5		0.50	0.050
87-68-3	Hexachlorobutadiene	260.76	8.96		0.20	0.065
91-20-3	Naphthalene	128.17	9.65		0.50	0.086

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cknwto15.b/cknw003.d
Lab Smp Id: lcs 283785
Inj Date : 13-FEB-2012 15:44
Operator : wrd Inst ID: C.i
Smp Info : lcs 283785
Misc Info : 200,1, lcs
Comment :
Method : /chem/C.i/Csvr.p/cknwto15.b/to15v5.m
Meth Date : 14-Feb-2012 16:11 wrd Quant Type: ISTD
Cal Date : 12-JAN-2012 17:27 Cal File: ckn003.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	4.982	4.977	(0.449)	181455	8.46652	8.5
2	Dichlorodifluoromethane	85	5.057	5.057	(0.456)	940594	11.4980	11
3	Chlorodifluoromethane	51	5.105	5.100	(0.460)	452455	10.3073	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	5.351	5.351	(0.482)	851447	9.81276	9.8
5	Chloromethane	50	5.511	5.516	(0.497)	207302	8.36124	8.4
6	Butane	43	5.724	5.730	(0.516)	393556	7.96960	8.0
7	Vinyl chloride	62	5.767	5.767	(0.520)	250405	8.29902	8.3
8	1,3-Butadiene	54	5.847	5.847	(0.527)	187826	7.99190	8.0
9	Bromomethane	94	6.503	6.509	(0.586)	231736	8.49100	8.5
10	Chloroethane	64	6.706	6.712	(0.604)	120503	7.31303	7.3
11	2-Methylbutane	43	6.770	6.781	(0.610)	264648	6.82772	6.8(R)
12	Vinyl bromide	106	7.053	7.064	(0.636)	249991	9.14349	9.1
13	Trichlorofluoromethane	101	7.138	7.149	(0.643)	967229	11.6726	12
14	Pentane	43	7.251	7.256	(0.653)	414161	7.39509	7.4

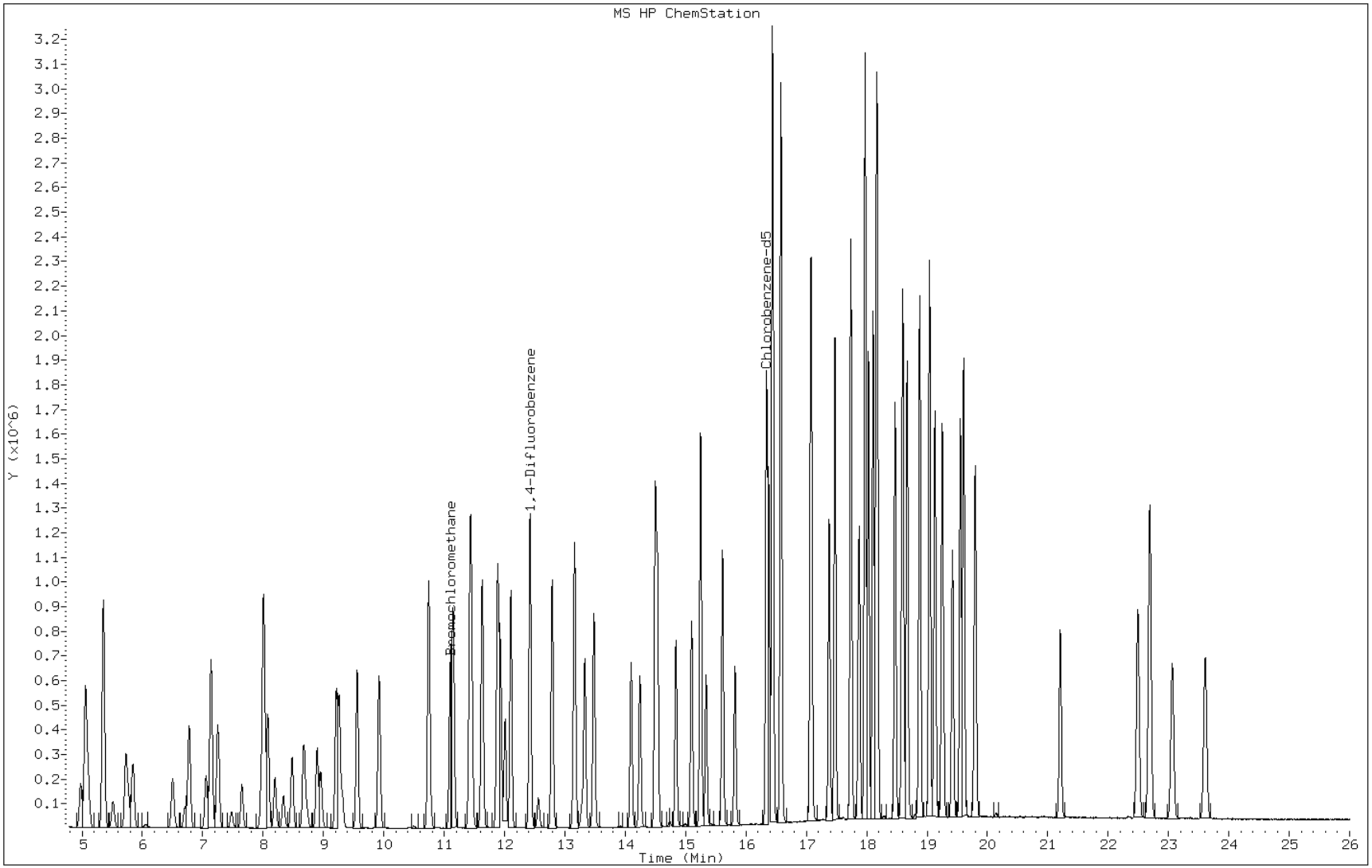
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	7.475	7.485	(0.673)	112342	11.2914	11
	16 Ethyl ether	59	7.651	7.656	(0.689)	156970	7.44094	7.4
	17 1,1,2-Trichloro-1,2,2-trifluo	101	8.003	8.014	(0.721)	603149	10.4414	10
	18 Acrolein	56	7.960	7.976	(0.717)	59278	5.99184	6.0(R)
	19 1,1-Dichloroethene	96	8.078	8.088	(0.728)	257055	9.42583	9.4(Q)
	20 Acetone	43	8.195	8.211	(0.738)	404369	9.77842	9.8
	21 Carbon disulfide	76	8.483	8.494	(0.764)	651286	7.93395	7.9
	22 Isopropanol	45	8.339	8.350	(0.751)	244534	8.61679	8.6
	23 Allyl chloride	41	8.676	8.692	(0.782)	313830	7.75202	7.8(M)
	24 Acetonitrile	41	8.708	8.692	(0.785)	129189	7.52694	7.5(QM)
	25 Methylene chloride	49	8.889	8.910	(0.801)	287836	9.26094	9.3
	26 Tert-butyl alcohol	59	8.958	8.969	(0.807)	395821	9.38611	9.4
	27 Methyl tert-butyl ether	73	9.215	9.231	(0.830)	834025	9.61646	9.6
	28 1,2-Dichloroethene (trans)	61	9.263	9.279	(0.835)	412201	9.41867	9.4
	29 Acrylonitrile	53	9.316	9.337	(0.839)	143118	7.30164	7.3
	30 n-Hexane	57	9.556	9.572	(0.861)	404011	8.00589	8.0
	31 1,1-Dichloroethane	63	9.930	9.951	(0.895)	502289	9.12168	9.1
	32 Vinyl acetate	43	9.914	9.935	(0.893)	604023	8.41145	8.4
M	33 1,2-Dichloroethene,Total	61				694482	18.1333	18
	34 1,2-Dichloroethene (cis)	96	10.752	10.773	(0.969)	282281	8.71467	8.7
	35 Ethyl acetate	88	10.746	10.762	(0.968)	23087	8.19791	8.2
	36 Methyl Ethyl Ketone	72	10.741	10.762	(0.968)	110432	7.28694	7.3(Q)
*	37 Bromochloromethane	128	11.098	11.125	(1.000)	253568	10.0000	(Q)
	38 Tetrahydrofuran	42	11.136	11.152	(0.896)	252637	8.24451	8.2
	39 Chloroform	83	11.152	11.173	(1.005)	672342	10.1222	10
	40 Cyclohexane	84	11.456	11.477	(0.922)	402546	8.86544	8.9
	41 1,1,1-Trichloroethane	97	11.429	11.451	(0.920)	843532	11.9282	12
	42 Carbon tetrachloride	117	11.627	11.648	(0.936)	897799	12.4638	12
	43 2,2,4-Trimethylpentane	57	11.883	11.904	(0.957)	1319502	8.53789	8.5
	44 Benzene	78	11.931	11.958	(0.960)	791401	8.03476	8.0
	45 1,2-Dichloroethane	62	12.011	12.032	(0.967)	550396	12.9801	13
	46 n-Heptane	43	12.107	12.129	(0.975)	507487	8.85533	8.9
*	47 1,4-Difluorobenzene	114	12.422	12.443	(1.000)	1382065	10.0000	
	48 n-Butanol	56	12.561	12.582	(1.011)	95131	8.11254	8.1
	49 Trichloroethene	95	12.790	12.812	(1.030)	427499	9.68852	9.7
	50 1,2-Dichloropropane	63	13.153	13.180	(1.059)	269860	8.00951	8.0(Q)
	51 Methyl methacrylate	69	13.164	13.191	(1.060)	258077	8.25023	8.3(Q)
	52 Dibromomethane	174	13.329	13.356	(1.073)	394511	11.4664	11
	53 1,4-Dioxane	88	13.281	13.303	(1.069)	94497	8.14151	8.1
	54 Bromodichloromethane	83	13.484	13.505	(1.085)	793855	11.4087	11
	55 1,3-Dichloropropene (cis)	75	14.098	14.125	(1.135)	491867	9.44744	9.4
	56 Methyl isobutyl ketone	43	14.242	14.269	(1.147)	558576	9.43509	9.4
	57 n-Octane	43	14.493	14.514	(1.167)	704000	9.00808	9.0
	58 Toluene	92	14.530	14.557	(0.889)	617435	8.52329	8.5
	59 1,3-Dichloropropene (trans)	75	14.840	14.866	(1.195)	556659	10.3392	10
	60 1,1,2-Trichloroethane	83	15.096	15.123	(0.924)	263192	8.05330	8.1
	61 Tetrachloroethene	166	15.245	15.272	(0.933)	632583	10.6918	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	15.336	15.363	(0.939)	532459	9.22725	9.2
63	Dibromochloromethane	129	15.613	15.635	(0.956)	783381	11.4472	11
64	1,2-Dibromoethane	107	15.816	15.838	(0.968)	567863	9.31804	9.3
* 65	Chlorobenzene-d5	117	16.339	16.366	(1.000)	1304750	10.0000	
66	Chlorobenzene	112	16.377	16.403	(1.002)	915508	9.51882	9.5
67	n-Nonane	57	16.441	16.462	(1.006)	616562	8.62313	8.6
68	Ethylbenzene	91	16.441	16.462	(1.006)	1448366	9.03184	9.0
69	Xylene (m,p)	106	16.574	16.601	(1.014)	1096541	17.3959	17
M 70	Xylenes, Total	106				1620662	26.1125	26
71	Xylene (o)	106	17.070	17.092	(1.045)	524121	8.71660	8.7
72	Styrene	104	17.086	17.113	(1.046)	845206	9.03479	9.0
73	Bromoform	173	17.375	17.401	(1.063)	754048	11.3143	11
74	Isopropylbenzene	105	17.471	17.497	(1.069)	1698437	9.74084	9.7
75	1,1,2,2-Tetrachloroethane	83	17.871	17.898	(1.094)	664973	7.73721	7.7
76	n-Propylbenzene	91	17.972	17.994	(1.100)	1957421	9.25503	9.3
77	1,2,3-Trichloropropane	75	17.972	17.994	(1.100)	652896	9.43291	9.4
78	n-Decane	57	18.026	18.047	(1.103)	762876	9.01512	9.0
79	4-Ethyltoluene	105	18.106	18.127	(1.108)	1799460	10.0162	10
80	2-Chlorotoluene	91	18.159	18.181	(1.111)	1539573	9.79459	9.8
81	1,3,5-Trimethylbenzene	105	18.175	18.197	(1.112)	1510699	9.78641	9.8
82	Alpha Methyl Styrene	118	18.474	18.495	(1.131)	708885	9.82626	9.8
83	tert-butylbenzene	119	18.597	18.618	(1.138)	1495344	10.5098	11
84	1,2,4-Trimethylbenzene	105	18.666	18.693	(1.142)	1466284	9.87357	9.9
85	sec-Butylbenzene	105	18.880	18.901	(1.155)	2036747	9.73027	9.7
86	4-Isopropyltoluene	119	19.040	19.066	(1.165)	1883732	10.5997	11
87	1,3-Dichlorobenzene	146	19.131	19.157	(1.171)	1019260	10.0497	10
88	1,4-Dichlorobenzene	146	19.253	19.280	(1.178)	1003155	9.94932	9.9
89	Benzyl chloride	91	19.419	19.445	(1.188)	1151323	10.0618	10
90	Undecane	57	19.552	19.573	(1.197)	730796	8.89867	8.9
91	n-Butylbenzene	91	19.605	19.632	(1.200)	1503895	9.82688	9.8
92	1,2-Dichlorobenzene	146	19.798	19.830	(1.212)	939910	9.79849	9.8
93	Dodecane	57	21.207	21.239	(1.298)	395895	9.18184	9.2
94	1,2,4-Trichlorobenzene	180	22.493	22.535	(1.377)	540304	10.5405	11
95	1,3-Hexachlorobutadiene	225	22.690	22.733	(1.389)	451452	8.96467	9.0
96	Naphthalene	128	23.064	23.107	(1.412)	1103094	9.64660	9.6
97	1,2,3-Trichlorobenzene	180	23.608	23.651	(1.445)	462349	10.6323	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File:	cknw003.d	Date:	13-FEB-2012 15:44
Client ID:		Instrument:	C.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 283785		
Lab Sample ID:	lcs 283785		



Manual Integration Report

Data File: cknw003.d
Lab Sample ID: lcs 283785
Inj. Date and Time: 13-FEB-2012 15:44
Instrument ID: C.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 02/14/2012

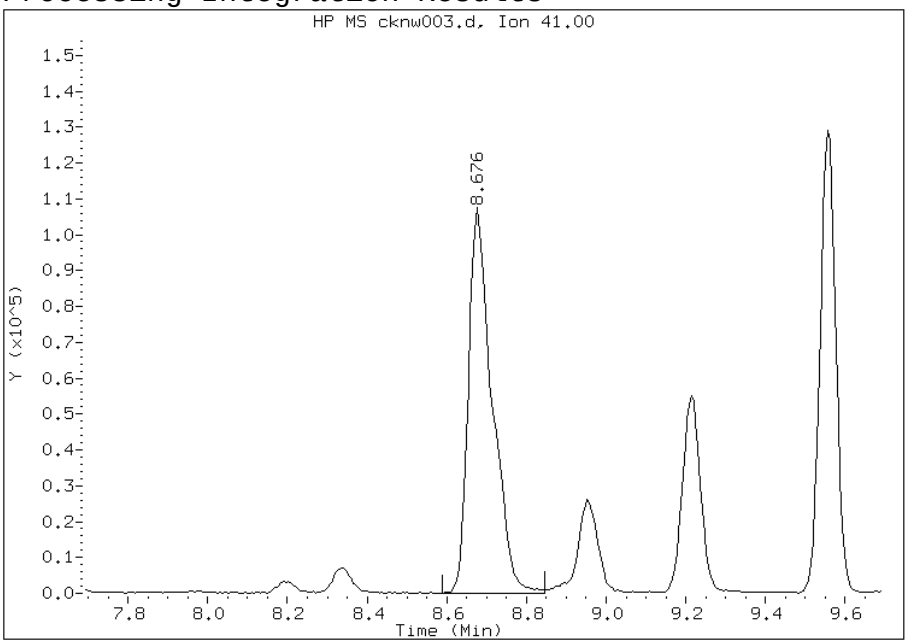
Processing Integration Results

RT: 8.68

Response: 446396

Amount: 11.03

Conc: 11.03



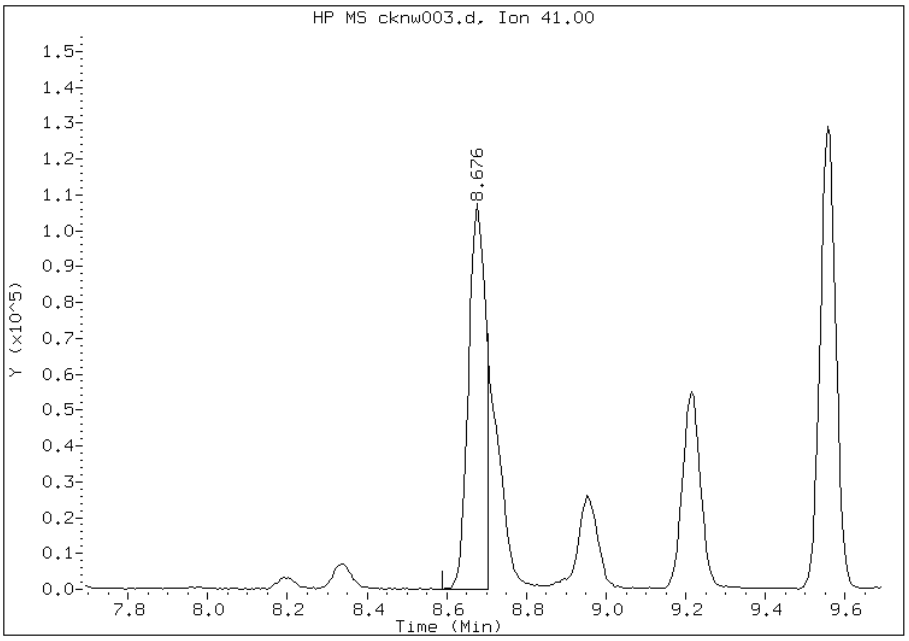
Manual Integration Results

RT: 8.68

Response: 313830

Amount: 7.75

Conc: 7.75



File Uploaded By: wrd
Manual Integration Reason: Baseline event

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Instrument ID: C.i Start Date: 01/12/2012 15:51

Analysis Batch Number: 32216 End Date: 01/13/2012 05:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-32216/1		01/12/2012 15:51	1	ckn001.d	RTX-624 0.32(mm)
VIBLK 200-32216/2		01/12/2012 16:36	1		RTX-624 0.32(mm)
IC 200-32216/3		01/12/2012 17:27	1	ckn003.d	RTX-624 0.32(mm)
IC 200-32216/4		01/12/2012 18:17	1	ckn004.d	RTX-624 0.32(mm)
IC 200-32216/5		01/12/2012 19:07	1	ckn005.d	RTX-624 0.32(mm)
ICIS 200-32216/6		01/12/2012 19:56	1	ckn006.d	RTX-624 0.32(mm)
IC 200-32216/7		01/12/2012 20:47	1	ckn007.d	RTX-624 0.32(mm)
IC 200-32216/8		01/12/2012 21:37	1	ckn008.d	RTX-624 0.32(mm)
IC 200-32216/9		01/12/2012 22:26	1	ckn009.d	RTX-624 0.32(mm)
VIBLK 200-32216/10		01/12/2012 23:16	1		RTX-624 0.32(mm)
VIBLK 200-32216/11		01/13/2012 00:06	1		RTX-624 0.32(mm)
ICV 200-32216/12		01/13/2012 00:56	1	ckn012.d	RTX-624 0.32(mm)
VIBLK 200-32216/13		01/13/2012 01:46	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 02:37	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 03:27	1		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 04:17	52.4		RTX-624 0.32(mm)
ZZZZZ		01/13/2012 05:07	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Instrument ID: C.i Start Date: 02/13/2012 13:38

Analysis Batch Number: 33599 End Date: 02/14/2012 13:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-33599/1		02/13/2012 13:38	1	cknw001.d	RTX-624 0.32(mm)
CCVIS 200-33599/2		02/13/2012 14:31	1	cknw002.d	RTX-624 0.32(mm)
LCS 200-33599/3		02/13/2012 15:44	1	cknw003.d	RTX-624 0.32(mm)
MB 200-33599/4		02/13/2012 16:34	1	cknw004.d	RTX-624 0.32(mm)
ZZZZZ		02/13/2012 17:25	29.4		RTX-624 0.32(mm)
280-25374-1	786VMP0202AE	02/13/2012 18:15	1	cknw006.d	RTX-624 0.32(mm)
280-25374-2	TRIP BLANK	02/13/2012 19:05	1	cknw007.d	RTX-624 0.32(mm)
ZZZZZ		02/13/2012 19:55	90		RTX-624 0.32(mm)
ZZZZZ		02/13/2012 20:45	450		RTX-624 0.32(mm)
ZZZZZ		02/13/2012 21:35	10		RTX-624 0.32(mm)
ZZZZZ		02/13/2012 22:25	16		RTX-624 0.32(mm)
ZZZZZ		02/13/2012 23:15	81.4		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 00:05	10		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 00:55	9.94		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 01:46	30.1		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 02:36	477		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 03:26	2380		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 04:16	25.1		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 05:06	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 05:56	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 06:47	1.99		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 07:37	1.89		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 08:27	21.65		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 09:18	2500		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 10:08	603		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 10:58	9.95		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 11:48	1170		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 12:39	136		RTX-624 0.32(mm)
ZZZZZ		02/14/2012 13:28	2580		RTX-624 0.32(mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
FPM ROMENY	25374	2/8/12	1831	29.4	22	G1	MP

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[5]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	4270	0.0	Y N	4629	Y	4082GGF0	
2	4262	-28.2	Y	NA		4082GGF0	TRIP BLNK

MP 2/8/12

MP 2/8/12

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # _____

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: CKN	Start Date: 1/12/12	Time: 1557	ISTD Lot #: 248052	Instrument ID: C
Test Method: TO15/TO15LLM5	End Date: 1/13/12	Time: 1557	CAL STD Lot # see comment	Instrument: 5973
ICAL Date: 32216 / 32217			ICV / LCS Lot # see comment	Column Type: RTX-624

	Manager MTD	Analyst	Analyst WW	Analyst	Analyst
Name/Initial	Mark Phillips	Paul Daigle	William DesJardins		
Signature	Mark Phillips	Paul Daigle PAD	William DesJardins		

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1557	CKN001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1636	002	4635	VIBLK	1	1	200			✓	WW	
1727	003	2969	Level 01		2				✓		260559
1817	004	8308	Level 02		3				✓		260524
1907	005	2578	Level 03		4				✓		275708
1956	006	3460	Level 04 LS		5				✓		275681
2047	007	3503	Level 05		6				✓		260512
2136	008	8643	Level 06		7				✓		260506
2226	009	3631	Level 07		8				✓		275630
2316	010	4635	VIBLK		1				✓		
2406	011	4635	VIBLK		1			✓	✓		
0056	012	4947	ICV	✓	9			✓	✓		~~260~~ 264634
0146	013	4635	VIBLK	✓	1			✓	✓		
0237	014	4947	LCS	✓	9			✓	✓		264634
0327	015	4635	MB	✓	1			✓	✓		
0417	016	4017	8804-01	52.4	10	53		✓	✓		cdf 13.88 C
0507	017	4834	" -02	1	11	200		✓	✓	✓	C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	CKNW	Start Date: 2/13/12	Time: 1338	ISTD Lot #:	248052	Instrument ID: C
Test Method:	TO15	End Date: 2/14/12	Time: 1338	CAL STD Lot #	225680	Instrument: 5973
ICAL Date:				ICV / LCS Lot #	283785	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1338	CKNW001		BFB	NA	NA	NA	WRD	NA	NA	WRD	
1431	02	3642	CCV	1	1	200	"	✓	✓		ext.
1544	03	5015	LCS	"	2	"	"	✓	✓	"	
1634	04	4633	MB	"	3	"	"	✓	✓	AHK	ok
1725	05	5032	9255-3	29.4	4	25	"	✓	✓	WRD	CDF 4.26
1815	06	4270	25374-1	1	5	200	"	✓	✓		
1905	07	4262	" -2	1	6	1	"	✓	✓		
1955	08	3730	9252-1	90	7	100	"	✓	↑ ✓		CDF 44.98
2040	09	3730	-1	450	7	20	"	✓	↑ A		" " RE64
2135	10	3848	-2	10	8	20	"	✓	✓		
2225	11	3589	-3	16	9	107	"	✓	↑ ✓		CDF 8.55
2315	12	3589	-3	81.4	9	21	"	✓	↑ A		" " CL20CE42
0005	13	3585	-4	10	10	20	"	✓	✓		C
0055	14	3728	-5	9.84	11	97	"	✓	↑ A		CDF 4.82
0146	15	3728	-5	30.1	11	32	"	✓	↑ ✓		" "
0236	16	4653	-6	477	12	100	"	✓	↑ ✓		CDF 238.49
0326	17	4653	-6	2380	12	20	"	✓	↑ A		" " PC: 484
0416	18	3866	610-1491-01	25.1	13	45	AHK	✓	✓		CDF 5.64 ↑ LCS
0506	19	4379	9274-02	1	14	200	"	✓	✓		KLP 2/15/12
0556	20	4298	" -03	1	15	200	"	✓	✓		
0647	21	5135	9273-01	1.99	16	200	"	✓	✓		CDF 1.99
0737	22	4446	" -2	1.89	1	200	"	✓	✓		" 1.89
0827	23	3352	" -03	~~11.0~~ 21.65	2	40	"	✓	↓ A		cdf ~~2.20~~ 4.33
0918	24	2634	9104-27	2,500	3	51	"	✓	✓		cdf 636.52
1008	25	2947	" 26	603	4	64	"	✓	✓		cdf 207.90
~~1058~~	1148	~~2627~~	9232-1	1120	7	29	WRD	✓	✓ DL		CDF 169.14 C
1148	1058	2C	9213-03	7.95	2	87	"	✓	✓		CDF 4.33

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	CKNW	Start Date: 2/13/12	Time: 13:38	ISTD Lot #:	Instrument ID: C
Test Method:	TO15	End Date: 2/14/12	Time: 13:38	CAL STD Lot #	Instrument: 5973
ICAL Date:				ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1239	FOCKNW028	3589	9232-3	136	9	35	WM	✓	✓R	WM	CDF 23,78 C
1328	L 29	3728	9232-5	2580	11	20	L	✓	✓R	L	CDF 258,41

2/14/12

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Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Subcontract Data

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-25374-1

Login Number: 25374

List Source: TestAmerica Denver

List Number: 1

Creator: Dreesen, Julie L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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: 280-25374-1

Login Number: 25374
List Number: 1
Creator: Kirchner, Benjamin

List Source: TestAmerica Burlington
List Creation: 02/08/12 12:37 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	418293
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Appendix D

Validated Data

FPM REMEDIATIONS, Inc.
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
GRIFFISS SUBSLAB VAPOR MITIGATION SYSTEM
Site Griffiss AFB Buildings 774/776, 785/786
Contract No. FA8903-10-D-8595

FPM Project No. 1015-11-01

TestAmerica Job # 280-25116-1

Laboratory:	TestAmerica Laboratories, Inc.
Sample Matrix:	Soil gas
Number of Samples:	15
Analytical Protocol:	DOD QSM, version 4.2, as per project-specific UFP QAPP
Data Reviewer:	Connie van Hoesel
Sample Date:	January 24-27, 2012

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	Sample ID	Date
774VMP0101AD	1/25/12		
774VMP0201AD	1/25/12		
774VMP0301AD	1/26/12		
776VMP0101AD	1/25/12		
776VMP0201AD	1/25/12		
776VMP0301AD	1/25/12		
774IA1AG	1/25/12		
774776OA1GA	1/25/12		
776IA1FA	1/25/12		
786VMP0102AD	1/27/12		
786VMP0302AD	1/27/12		
785786CA01AD	1/24/12	TRIP BLANK	1/27/12
774776CA01AF	1/24/12		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
AD, AF, AG, FA, GA – 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 reporting limits (MDL, RL)
- 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 MDL and RL (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 MDL and RL), 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 RL, no further action was taken in such instances.

SAMPLE LABELING/CHAIN-OF-CUSTODY

No errors in the chain-of-custody were noted. There were no discrepancies noted between the sample labels and the chain-of-custody, or the cooler contents and the chain-of-custody.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- There were no exceedances for VOCs.

- According to the case narrative, the following samples were analyzed at initial dilutions: 776IA1FA at 1:1.5; 774IA1AG at 1:4; 774VMP0101AD and 774776CA01AF at 1:5; and 774VMP0201AD and 774VMP0301AD, each at 1:10. The dilution results only are reported and are used in data verification as representing original results.

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 # 280-25116-1 are usable, which can be used with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 3/17/12

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB 1015-11-01 SVI
Report Number: 280-25116-1

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

Fifteen samples were received on 01/30/2012; the samples arrived at TestAmerica - Burlington in good condition, properly preserved. The samples were received at ambient temperature.

Sample 786VMP0202AD-11 was received at the TestAmerica Burlington with the valve stuck open, indicating the sample may have been compromised. The client was notified of this discrepancy via email on 02/01/2012. The client indicated that the sample would be re-collected, and the sample was not analyzed with this deliver group.

TO-15

Samples 774VMP0101AD (280-25116-1), 774VMP0201AD (280-25116-2), 774VMP0301AD (280-25116-3), 776VMP0101AD (280-25116-4), 776VMP0201AD (280-25116-5), 776VMP0301AD (280-25116-6), 774IA1AG (280-25116-7), 774776OA1GA (280-25116-8), 776IA1FA (280-25116-9), 786VMP0102AD (280-25116-10), 786VMP0302AD (280-25116-12), 774776CA01AF (280-25116-13), 785786CA01AD (280-25116-14), and TRIP BLANK (280-25116-15) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 02/06/2012, 02/07/2012 and 02/08/2012.

1,2,4-Trichlorobenzene and Acetone were detected in method blank MB 200-33356/5 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 correction action was necessary.

Samples 774VMP0101AD (280-25116-1), 774VMP0201AD (280-25116-2), 774VMP0301AD (280-25116-3), 774IA1AG (280-25116-7), 776IA1FA (280-25116-9), and 774776CA01AF (280-25116-13) required dilutions prior to analysis. 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.

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25116-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-25116-1	774VMP0101AD	Air	01/25/2012 1005	01/30/2012 0940
280-25116-2	774VMP0201AD	Air	01/25/2012 1010	01/30/2012 0940
280-25116-3	774VMP0301AD	Air	01/26/2012 1020	01/30/2012 0940
280-25116-4	776VMP0101AD	Air	01/25/2012 1150	01/30/2012 0940
280-25116-5	776VMP0201AD	Air	01/25/2012 1140	01/30/2012 0940
280-25116-6	776VMP0301AD	Air	01/25/2012 1200	01/30/2012 0940
280-25116-7	774IA1AG	Air	01/25/2012 1235	01/30/2012 0940
280-25116-8	774776OA1GA	Air	01/25/2012 1210	01/30/2012 0940
280-25116-9	776IA1FA	Air	01/25/2012 1255	01/30/2012 0940
280-25116-10	786VMP0102AD	Air	01/27/2012 1130	01/30/2012 0940
280-25116-12	786VMP0302AD	Air	01/27/2012 1120	01/30/2012 0940
280-25116-13	774776CA01AF	Air	01/24/2012 0930	01/30/2012 0940
280-25116-14	785786CA01AD	Air	01/24/2012 1020	01/30/2012 0940
280-25116-15TB	TRIP BLANK	Air	01/27/2012 1700	01/30/2012 0940

AFCEE
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 Carrier: Fedex	Project Name: Griffiss AFB 1015-11-01 SVI Sampler Name: Mark Grifasi Sampler Signature: Mark Grifasi	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2012	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt/UnFilt	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
774VMP0101AD	774VMP-1	01/25	1005	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 4872, Regulator # 4631
774VMP0201AD	774VMP-2	01/25	1010	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 3361, Regulator # 4868
774VMP0301AD	774VMP-3	01/26	1020	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 5058, Regulator # 4701
776VMP0101AD	776VMP-1	01/25	1150	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 3334, Regulator # 4617
776VMP0201AD	776VMP-2	01/25	1140	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 3661, Regulator # 4592
776VMP0301AD	776VMP-3	01/25	1200	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 4317, Regulator # 4626
774IA1AG	774-IA	01/25	1235	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 5150, Regulator # 3947
774776OA1GA	774776-OA	01/25	1210	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 3483, Regulator # 3110
776IA1FA	776-IA	01/25	1255	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 2990, Regulator # 3575
786VMP0102AD	786VMP-1	01/27	1130	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 4564, Regulator # 4588
786VMP0202AD	786VMP-2	01/27	1150	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 4315, Regulator # 4682
786VMP0302AD	786VMP-3	01/27	1120	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 3338, Regulator # 4686
774776CA01AF	774776-Influent	01/24	0930	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 5046
785786CA01AD	785786-Influent	01/24	1020	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 3044
Trip Blank	012411TB	01/27	1700	GS	AC	0/0	TB	-	Unf.	1	1	1	Canister # 2569

Sample Condition Upon Receipt at Laboratory: OK

Cooler Temperature: AMBIENT

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 E package required.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 01/27/12	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) Mark Grifasi	Date: 01/20/12	#2 Received by: (Sig)	Date: 1/30/12	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1700	Company Name: TA Blair	Time: 940	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

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.48	J D	0.19	2.5
Freon 22	85	D	0.17	2.5
1,2-Dichlorotetrafluoroethane	0.40	U	0.16	1.0
Chloromethane	0.20	U	0.065	2.5
n-Butane	0.20	U	0.055	2.5
Vinyl chloride	0.40	U	0.15	1.0
1,3-Butadiene	0.20	U	0.050	1.0
Bromomethane	0.20	U	0.060	1.0
Chloroethane	0.20	U	0.080	2.5
Bromoethene(Vinyl Bromide)	0.20	U	0.095	1.0
Trichlorofluoromethane	0.33	J B M	0.17	1.0
Freon TF	0.20	U	0.050	1.0
1,1-Dichloroethene	0.40	U	0.15	1.0
Acetone	27	D	0.23	25
Isopropyl alcohol	7.0	J B	0.19	25
Carbon disulfide	1.0	U	0.33	2.5
3-Chloropropene	0.20	U	0.095	2.5
Methylene Chloride	0.20	U	0.065	2.5
tert-Butyl alcohol	1.0	U	0.36	25
Methyl tert-butyl ether	0.20	U	0.080	1.0
trans-1,2-Dichloroethene	0.40	U	0.16	1.0
n-Hexane	1.4	D	0.13	1.0
1,1-Dichloroethane	0.65	U	0.18	1.0
Methyl Ethyl Ketone	0.63	J D	0.085	2.5
cis-1,2-Dichloroethene	0.20	U	0.070	1.0
1,2-Dichloroethene, Total	0.20	U	0.070	1.0
Chloroform	0.40	U	0.16	1.0
Tetrahydrofuran	0.20	U	0.090	25
1,1,1-Trichloroethane	0.65	U	0.18	1.0
Cyclohexane	0.65	U	0.20	1.0
Carbon tetrachloride	0.65	U	0.17	1.0
2,2,4-Trimethylpentane	0.55	J D	0.18	1.0
Benzene	0.20	U	0.090	1.0
1,2-Dichloroethane	0.40	U	0.16	1.0
n-Heptane	0.20	U	0.050	1.0
Trichloroethene	0.89	J D	0.15	1.0
Methyl methacrylate	0.20	U	0.065	2.5
1,2-Dichloropropane	0.20	U	0.070	1.0
1,4-Dioxane	1.6	U	0.44	25
Bromodichloromethane	0.40	U	0.14	1.0
cis-1,3-Dichloropropene	0.20	U	0.080	1.0
methyl isobutyl ketone	0.40	U	0.13	2.5
Toluene	1.4	D	0.090	1.0
trans-1,3-Dichloropropene	0.40	U	0.10	1.0
1,1,2-Trichloroethane	0.20	U	0.095	1.0
Tetrachloroethene	0.20	U	0.055	1.0

cnt 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.65	U	0.20	2.5
Dibromochloromethane	0.40	U	0.11	1.0
1,2-Dibromoethane	0.20	U	0.090	1.0
Chlorobenzene	0.40	U	0.10	1.0
Ethylbenzene	0.95	J Ø	0.11	1.0
m,p-Xylene	2.8	Ø	0.24	2.5
Xylene, o-	1.8	Ø	0.11	1.0
Xylene (total)	4.6	Ø	0.11	1.0
Styrene	0.40	U	0.15	1.0
Bromoform	0.20	U	0.095	1.0
Cumene	0.22	J Ø	0.16	1.0
1,1,2,2-Tetrachloroethane	0.65	U	0.20	1.0
n-Propylbenzene	0.44	J Ø	0.25	1.0
4-Ethyltoluene	0.66	J Ø M	0.23	1.0
1,3,5-Trimethylbenzene	0.65	J Ø	0.26	1.0
2-Chlorotoluene	0.65	U	0.24	1.0
tert-Butylbenzene	0.65	U	0.24	1.0
1,2,4-Trimethylbenzene	2.3	Ø	0.26	1.0
sec-Butylbenzene	0.65	U	0.24	1.0
4-Isopropyltoluene	0.65	U	0.24	1.0
1,3-Dichlorobenzene	0.23	J Ø	0.22	1.0
1,4-Dichlorobenzene	0.65	U	0.22	1.0
Benzyl chloride	0.65	U	0.23	1.0
n-Butylbenzene	0.65	U	0.28	1.0
1,2-Dichlorobenzene	0.65	U	0.24	1.0
1,2,4-Trichlorobenzene	0.65	U	0.25	2.5
Hexachlorobutadiene	1.0	U	0.33	1.0
Naphthalene	1.6	U	0.43	2.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.4	J Ø	0.94	12
Freon 22	300	Ø	0.60	8.8
1,2-Dichlorotetrafluoroethane	2.8	U	1.1	7.0
Chloromethane	0.41	U	0.13	5.2
n-Butane	0.48	U	0.13	5.9
Vinyl chloride	1.0	U	0.37	2.6
1,3-Butadiene	0.44	U	0.11	2.2
Bromomethane	0.78	U	0.23	3.9
Chloroethane	0.53	U	0.21	6.6
Bromoethene(Vinyl Bromide)	0.87	U	0.42	4.4
Trichlorofluoromethane	1.9	J Ø M	0.96	5.6
Freon TF	1.5	U	0.38	7.7
1,1-Dichloroethene	1.6	U	0.59	4.0
Acetone	64	Ø	0.53	59
Isopropyl alcohol	17	J Ø	0.45	61
Carbon disulfide	3.1	U	1.0	7.8

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.30	7.8
Methylene Chloride	0.69	U	0.23	8.7
tert-Butyl alcohol	3.0	U	1.1	76
Methyl tert-butyl ether	0.72	U	0.29	3.6
trans-1,2-Dichloroethene	1.6	U	0.63	4.0
n-Hexane	5.1	Ø	0.46	3.5
1,1-Dichloroethane	2.6	U	0.71	4.0
Methyl Ethyl Ketone	1.9	J Ø	0.25	7.4
cis-1,2-Dichloroethene	0.79	U	0.28	4.0
1,2-Dichloroethene, Total	0.79	U	0.28	4.0
Chloroform	2.0	U	0.76	4.9
Tetrahydrofuran	0.59	U	0.27	74
1,1,1-Trichloroethane	3.5	U	0.95	5.5
Cyclohexane	2.2	U	0.67	3.4
Carbon tetrachloride	4.1	U	1.0	6.3
2,2,4-Trimethylpentane	2.6	J Ø	0.84	4.7
Benzene	0.64	U	0.29	3.2
1,2-Dichloroethane	1.6	U	0.63	4.0
n-Heptane	0.82	U	0.20	4.1
Trichloroethene	4.8	J Ø	0.81	5.4
Methyl methacrylate	0.82	U	0.27	10
1,2-Dichloropropane	0.92	U	0.32	4.6
1,4-Dioxane	5.8	U	1.6	90
Bromodichloromethane	2.7	U	0.94	6.7
cis-1,3-Dichloropropene	0.91	U	0.36	4.5
methyl isobutyl ketone	1.6	U	0.53	10
Toluene	5.2	Ø	0.34	3.8
trans-1,3-Dichloropropene	1.8	U	0.45	4.5
1,1,2-Trichloroethane	1.1	U	0.52	5.5
Tetrachloroethene	1.4	U	0.37	6.8
Methyl Butyl Ketone (2-Hexanone)	2.7	U	0.80	10
Dibromochloromethane	3.4	U	0.89	8.5
1,2-Dibromoethane	1.5	U	0.69	7.7
Chlorobenzene	1.8	U	0.46	4.6
Ethylbenzene	4.1	J Ø	0.48	4.3
m,p-Xylene	12	D	1.0	11
Xylene, o-	7.9	D	0.48	4.3
Xylene (total)	20	D	0.48	4.3
Styrene	1.7	U	0.64	4.3
Bromoform	2.1	U	0.98	10
Cumene	1.1	J Ø	0.76	4.9
1,1,2,2-Tetrachloroethane	4.5	U	1.4	6.9
n-Propylbenzene	2.2	J Ø	1.2	4.9
4-Ethyltoluene	3.2	J Ø M	1.1	4.9
1,3,5-Trimethylbenzene	3.2	J Ø	1.3	4.9
2-Chlorotoluene	3.4	U	1.2	5.2

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0101AD**

Lab Sample ID: 280-25116-1
Client Matrix: Air

Date Sampled: 01/25/2012 1005
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq008.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/06/2012 1506			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1506			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	3.6	U	1.3	5.5
1,2,4-Trimethylbenzene	12	~~J~~	1.3	4.9
sec-Butylbenzene	3.6	U	1.3	5.5
4-Isopropyltoluene	3.6	U	1.3	5.5
1,3-Dichlorobenzene	1.4	J ~~J~~	1.3	6.0
1,4-Dichlorobenzene	3.9	U	1.3	6.0
Benzyl chloride	3.4	U	1.2	5.2
n-Butylbenzene	3.6	U	1.5	5.5
1,2-Dichlorobenzene	3.9	U	1.4	6.0
1,2,4-Trichlorobenzene	4.8	U	1.9	19
Hexachlorobutadiene	11	U	3.5	11
Naphthalene	8.4	U	2.3	13

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3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774VMP0201AD

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.63	J	0.38	5.0
Freon 22	210		0.34	5.0
1,2-Dichlorotetrafluoroethane	0.80	U	0.32	2.0
Chloromethane	0.40	U	0.13	5.0
n-Butane	0.40	U	0.11	5.0
Vinyl chloride	0.80	U	0.29	2.0
1,3-Butadiene	0.40	U	0.10	2.0
Bromomethane	0.40	U	0.12	2.0
Chloroethane	0.40	U	0.16	5.0
Bromoethene(Vinyl Bromide)	0.40	U	0.19	2.0
Trichlorofluoromethane	1.3	U	0.34	2.0
Freon TF	0.40	U	0.10	2.0
1,1-Dichloroethene	0.80	U	0.30	2.0
Acetone	45	J	0.45	50
Isopropyl alcohol	8.1	J	0.37	50
Carbon disulfide	2.0	U	0.66	5.0
3-Chloropropene	0.40	U	0.19	5.0
Methylene Chloride	0.40	U	0.13	5.0
tert-Butyl alcohol	2.0	U	0.71	50
Methyl tert-butyl ether	0.40	U	0.16	2.0
trans-1,2-Dichloroethene	0.80	U	0.32	2.0
n-Hexane	0.80	U	0.26	2.0
1,1-Dichloroethane	1.3	U	0.35	2.0
Methyl Ethyl Ketone	0.40	U	0.17	5.0
cis-1,2-Dichloroethene	0.40	U	0.14	2.0
1,2-Dichloroethene, Total	0.40	U	0.14	2.0
Chloroform	0.80	U	0.31	2.0
Tetrahydrofuran	0.40	U	0.18	50
1,1,1-Trichloroethane	1.3	U	0.35	2.0
Cyclohexane	1.3	U	0.39	2.0
Carbon tetrachloride	1.3	U	0.33	2.0
2,2,4-Trimethylpentane	0.44	J	0.36	2.0
Benzene	0.40	U	0.18	2.0
1,2-Dichloroethane	0.80	U	0.31	2.0
n-Heptane	0.40	U	0.10	2.0
Trichloroethene	0.77	J	0.30	2.0
Methyl methacrylate	0.40	U	0.13	5.0
1,2-Dichloropropane	0.40	U	0.14	2.0
1,4-Dioxane	3.2	U	0.88	50
Bromodichloromethane	0.80	U	0.28	2.0
cis-1,3-Dichloropropene	0.40	U	0.16	2.0
methyl isobutyl ketone	0.80	U	0.26	5.0
Toluene	1.3	J	0.18	2.0
trans-1,3-Dichloropropene	0.80	U	0.20	2.0
1,1,2-Trichloroethane	0.40	U	0.19	2.0
Tetrachloroethene	0.40	U	0.11	2.0

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0201AD**

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.39	5.0
Dibromochloromethane	0.80	U	0.21	2.0
1,2-Dibromoethane	0.40	U	0.18	2.0
Chlorobenzene	0.80	U	0.20	2.0
Ethylbenzene	0.43	J Ø	0.22	2.0
m,p-Xylene	1.3	J Ø	0.48	5.0
Xylene, o-	0.82	J Ø	0.22	2.0
Xylene (total)	2.1	Ø	0.22	2.0
Styrene	0.80	U	0.30	2.0
Bromoform	0.40	U	0.19	2.0
Cumene	0.80	U	0.31	2.0
1,1,2,2-Tetrachloroethane	1.3	U	0.40	2.0
n-Propylbenzene	2.0	U	0.50	2.0
4-Ethyltoluene	1.3	U	0.46	2.0
1,3,5-Trimethylbenzene	1.3	U	0.51	2.0
2-Chlorotoluene	1.3	U	0.47	2.0
tert-Butylbenzene	1.3	U	0.47	2.0
1,2,4-Trimethylbenzene	1.2	J Ø	0.52	2.0
sec-Butylbenzene	1.3	U	0.47	2.0
4-Isopropyltoluene	1.3	U	0.48	2.0
1,3-Dichlorobenzene	1.3	U	0.44	2.0
1,4-Dichlorobenzene	1.3	U	0.44	2.0
Benzyl chloride	1.3	U	0.46	2.0
n-Butylbenzene	1.3	U	0.55	2.0
1,2-Dichlorobenzene	1.3	U	0.48	2.0
1,2,4-Trichlorobenzene	1.3	U	0.50	5.0
Hexachlorobutadiene	2.0	U	0.65	2.0
Naphthalene	3.2	U	0.86	5.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1	J Ø	1.9	25
Freon 22	750	Ø	1.2	18
1,2-Dichlorotetrafluoroethane	5.6	U	2.2	14
Chloromethane	0.83	U	0.27	10
n-Butane	0.95	U	0.26	12
Vinyl chloride	2.0	U	0.74	5.1
1,3-Butadiene	0.88	U	0.22	4.4
Bromomethane	1.6	U	0.47	7.8
Chloroethane	1.1	U	0.42	13
Bromoethene(Vinyl Bromide)	1.7	U	0.83	8.7
Trichlorofluoromethane	7.3	U	1.9	11
Freon TF	3.1	U	0.77	15
1,1-Dichloroethene	3.2	U	1.2	7.9
Acetone	110	J Ø	1.1	120
Isopropyl alcohol	20	J Ø	0.91	120
Carbon disulfide	6.2	U	2.1	16

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774VMP0201AD

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	0.59	16
Methylene Chloride	1.4	U	0.45	17
tert-Butyl alcohol	6.1	U	2.2	150
Methyl tert-butyl ether	1.4	U	0.58	7.2
trans-1,2-Dichloroethene	3.2	U	1.3	7.9
n-Hexane	2.8	U	0.92	7.0
1,1-Dichloroethane	5.3	U	1.4	8.1
Methyl Ethyl Ketone	1.2	U	0.50	15
cis-1,2-Dichloroethene	1.6	U	0.56	7.9
1,2-Dichloroethene, Total	1.6	U	0.56	7.9
Chloroform	3.9	U	1.5	9.8
Tetrahydrofuran	1.2	U	0.53	150
1,1,1-Trichloroethane	7.1	U	1.9	11
Cyclohexane	4.5	U	1.3	6.9
Carbon tetrachloride	8.2	U	2.1	13
2,2,4-Trimethylpentane	2.1	J Ø	1.7	9.3
Benzene	1.3	U	0.58	6.4
1,2-Dichloroethane	3.2	U	1.3	8.1
n-Heptane	1.6	U	0.41	8.2
Trichloroethene	4.2	J Ø	1.6	11
Methyl methacrylate	1.6	U	0.53	20
1,2-Dichloropropane	1.8	U	0.65	9.2
1,4-Dioxane	12	U	3.2	180
Bromodichloromethane	5.4	U	1.9	13
cis-1,3-Dichloropropene	1.8	U	0.73	9.1
methyl isobutyl ketone	3.3	U	1.1	20
Toluene	4.8	J Ø	0.68	7.5
trans-1,3-Dichloropropene	3.6	U	0.91	9.1
1,1,2-Trichloroethane	2.2	U	1.0	11
Tetrachloroethene	2.7	U	0.75	14
Methyl Butyl Ketone (2-Hexanone)	5.3	U	1.6	20
Dibromochloromethane	6.8	U	1.8	17
1,2-Dibromoethane	3.1	U	1.4	15
Chlorobenzene	3.7	U	0.92	9.2
Ethylbenzene	1.9	J Ø	0.96	8.7
m,p-Xylene	5.5	J Ø	2.1	22
Xylene, o-	3.6	J Ø	0.96	8.7
Xylene (total)	9.1	Ø	0.96	8.7
Styrene	3.4	U	1.3	8.5
Bromoform	4.1	U	2.0	21
Cumene	3.9	U	1.5	9.8
1,1,2,2-Tetrachloroethane	8.9	U	2.7	14
n-Propylbenzene	9.8	U	2.5	9.8
4-Ethyltoluene	6.4	U	2.3	9.8
1,3,5-Trimethylbenzene	6.4	U	2.5	9.8
2-Chlorotoluene	6.7	U	2.4	10

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0201AD**

Lab Sample ID: 280-25116-2
Client Matrix: Air

Date Sampled: 01/25/2012 1010
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq009.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1557			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1557			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	7.1	U	2.6	11
1,2,4-Trimethylbenzene	6.0	J	2.6	9.8
sec-Butylbenzene	7.1	U	2.6	11
4-Isopropyltoluene	7.1	U	2.6	11
1,3-Dichlorobenzene	7.8	U	2.6	12
1,4-Dichlorobenzene	7.8	U	2.6	12
Benzyl chloride	6.7	U	2.4	10
n-Butylbenzene	7.1	U	3.0	11
1,2-Dichlorobenzene	7.8	U	2.9	12
1,2,4-Trichlorobenzene	9.6	U	3.7	37
Hexachlorobutadiene	21	U	6.9	21
Naphthalene	17	U	4.5	26

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3/19/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0301AD**

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.70	J Ø M	0.38	5.0
Freon 22	250	Ø	0.34	5.0
1,2-Dichlorotetrafluoroethane	0.80	U	0.32	2.0
Chloromethane	0.40	U	0.13	5.0
n-Butane	0.40	U	0.11	5.0
Vinyl chloride	0.80	U	0.29	2.0
1,3-Butadiene	0.40	U	0.10	2.0
Bromomethane	0.40	U	0.12	2.0
Chloroethane	0.40	U	0.16	5.0
Bromoethene(Vinyl Bromide)	0.40	U	0.19	2.0
Trichlorofluoromethane	3.8	Ø	0.34	2.0
Freon TF	0.40	U	0.10	2.0
1,1-Dichloroethene	0.80	U	0.30	2.0
Acetone	13	J Ø	0.45	50
Isopropyl alcohol	10	J Ø	0.37	50
Carbon disulfide	2.0	U	0.66	5.0
3-Chloropropene	0.40	U	0.19	5.0
Methylene Chloride	0.40	U	0.13	5.0
tert-Butyl alcohol	2.0	U	0.71	50
Methyl tert-butyl ether	0.40	U	0.16	2.0
trans-1,2-Dichloroethene	0.80	U	0.32	2.0
n-Hexane	0.80	U	0.26	2.0
1,1-Dichloroethane	1.3	U	0.35	2.0
Methyl Ethyl Ketone	2.6	J Ø	0.17	5.0
cis-1,2-Dichloroethene	0.40	U	0.14	2.0
1,2-Dichloroethene, Total	0.40	U	0.14	2.0
Chloroform	0.80	U	0.31	2.0
Tetrahydrofuran	4.0	J Ø	0.18	50
1,1,1-Trichloroethane	1.3	U	0.35	2.0
Cyclohexane	1.3	U	0.39	2.0
Carbon tetrachloride	1.3	U	0.33	2.0
2,2,4-Trimethylpentane	1.3	U	0.36	2.0
Benzene	0.40	U	0.18	2.0
1,2-Dichloroethane	0.80	U	0.31	2.0
n-Heptane	0.40	U	0.10	2.0
Trichloroethene	0.80	U	0.30	2.0
Methyl methacrylate	0.40	U	0.13	5.0
1,2-Dichloropropane	0.40	U	0.14	2.0
1,4-Dioxane	3.2	U	0.88	50
Bromodichloromethane	0.80	U	0.28	2.0
cis-1,3-Dichloropropene	0.40	U	0.16	2.0
methyl isobutyl ketone	0.80	U	0.26	5.0
Toluene	0.33	J Ø	0.18	2.0
trans-1,3-Dichloropropene	0.80	U	0.20	2.0
1,1,2-Trichloroethane	0.40	U	0.19	2.0
Tetrachloroethene	0.40	U	0.11	2.0

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774VMP0301AD

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.39	5.0
Dibromochloromethane	0.80	U	0.21	2.0
1,2-Dibromoethane	0.40	U	0.18	2.0
Chlorobenzene	0.80	U	0.20	2.0
Ethylbenzene	0.80	U	0.22	2.0
m,p-Xylene	1.6	U	0.48	5.0
Xylene, o-	0.80	U	0.22	2.0
Xylene (total)	0.80	U	0.22	2.0
Styrene	0.80	U	0.30	2.0
Bromoform	0.40	U	0.19	2.0
Cumene	0.80	U	0.31	2.0
1,1,2,2-Tetrachloroethane	1.3	U	0.40	2.0
n-Propylbenzene	2.0	U	0.50	2.0
4-Ethyltoluene	1.3	U	0.46	2.0
1,3,5-Trimethylbenzene	1.3	U	0.51	2.0
2-Chlorotoluene	1.3	U	0.47	2.0
tert-Butylbenzene	1.3	U	0.47	2.0
1,2,4-Trimethylbenzene	1.3	U	0.52	2.0
sec-Butylbenzene	1.3	U	0.47	2.0
4-Isopropyltoluene	1.3	U	0.48	2.0
1,3-Dichlorobenzene	1.3	U	0.44	2.0
1,4-Dichlorobenzene	1.3	U	0.44	2.0
Benzyl chloride	1.3	U	0.46	2.0
n-Butylbenzene	1.3	U	0.55	2.0
1,2-Dichlorobenzene	1.3	U	0.48	2.0
1,2,4-Trichlorobenzene	1.3	U	0.50	5.0
Hexachlorobutadiene	2.0	U	0.65	2.0
Naphthalene	3.2	U	0.86	5.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.5	J ~~D~~ M	1.9	25
Freon 22	880	~~D~~	1.2	18
1,2-Dichlorotetrafluoroethane	5.6	U	2.2	14
Chloromethane	0.83	U	0.27	10
n-Butane	0.95	U	0.26	12
Vinyl chloride	2.0	U	0.74	5.1
1,3-Butadiene	0.88	U	0.22	4.4
Bromomethane	1.6	U	0.47	7.8
Chloroethane	1.1	U	0.42	13
Bromoethene(Vinyl Bromide)	1.7	U	0.83	8.7
Trichlorofluoromethane	21	~~D~~	1.9	11
Freon TF	3.1	U	0.77	15
1,1-Dichloroethene	3.2	U	1.2	7.9
Acetone	30	J ~~D~~	1.1	120
Isopropyl alcohol	25	J ~~D~~	0.91	120
Carbon disulfide	6.2	U	2.1	16

CWH 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774VMP0301AD

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	1.3	U	0.59	16
Methylene Chloride	1.4	U	0.45	17
tert-Butyl alcohol	6.1	U	2.2	150
Methyl tert-butyl ether	1.4	U	0.58	7.2
trans-1,2-Dichloroethene	3.2	U	1.3	7.9
n-Hexane	2.8	U	0.92	7.0
1,1-Dichloroethane	5.3	U	1.4	8.1
Methyl Ethyl Ketone	7.6	J ~~D~~	0.50	15
cis-1,2-Dichloroethene	1.6	U	0.56	7.9
1,2-Dichloroethene, Total	1.6	U	0.56	7.9
Chloroform	3.9	U	1.5	9.8
Tetrahydrofuran	12	J ~~D~~	0.53	150
1,1,1-Trichloroethane	7.1	U	1.9	11
Cyclohexane	4.5	U	1.3	6.9
Carbon tetrachloride	8.2	U	2.1	13
2,2,4-Trimethylpentane	6.1	U	1.7	9.3
Benzene	1.3	U	0.58	6.4
1,2-Dichloroethane	3.2	U	1.3	8.1
n-Heptane	1.6	U	0.41	8.2
Trichloroethene	4.3	U	1.6	11
Methyl methacrylate	1.6	U	0.53	20
1,2-Dichloropropane	1.8	U	0.65	9.2
1,4-Dioxane	12	U	3.2	180
Bromodichloromethane	5.4	U	1.9	13
cis-1,3-Dichloropropene	1.8	U	0.73	9.1
methyl isobutyl ketone	3.3	U	1.1	20
Toluene	1.3	J ~~D~~	0.68	7.5
trans-1,3-Dichloropropene	3.6	U	0.91	9.1
1,1,2-Trichloroethane	2.2	U	1.0	11
Tetrachloroethene	2.7	U	0.75	14
Methyl Butyl Ketone (2-Hexanone)	5.3	U	1.6	20
Dibromochloromethane	6.8	U	1.8	17
1,2-Dibromoethane	3.1	U	1.4	15
Chlorobenzene	3.7	U	0.92	9.2
Ethylbenzene	3.5	U	0.96	8.7
m,p-Xylene	6.9	U	2.1	22
Xylene, o-	3.5	U	0.96	8.7
Xylene (total)	3.5	U	0.96	8.7
Styrene	3.4	U	1.3	8.5
Bromoform	4.1	U	2.0	21
Cumene	3.9	U	1.5	9.8
1,1,2,2-Tetrachloroethane	8.9	U	2.7	14
n-Propylbenzene	9.8	U	2.5	9.8
4-Ethyltoluene	6.4	U	2.3	9.8
1,3,5-Trimethylbenzene	6.4	U	2.5	9.8
2-Chlorotoluene	6.7	U	2.4	10

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774VMP0301AD**

Lab Sample ID: 280-25116-3
Client Matrix: Air

Date Sampled: 01/26/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq010.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/06/2012 1647			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1647			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	7.1	U	2.6	11
1,2,4-Trimethylbenzene	6.4	U	2.6	9.8
sec-Butylbenzene	7.1	U	2.6	11
4-Isopropyltoluene	7.1	U	2.6	11
1,3-Dichlorobenzene	7.8	U	2.6	12
1,4-Dichlorobenzene	7.8	U	2.6	12
Benzyl chloride	6.7	U	2.4	10
n-Butylbenzene	7.1	U	3.0	11
1,2-Dichlorobenzene	7.8	U	2.9	12
1,2,4-Trichlorobenzene	9.6	U	3.7	37
Hexachlorobutadiene	21	U	6.9	21
Naphthalene	17	U	4.5	26

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0101AD**

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.038	0.50
Freon 22	3.3		0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.33	J M	0.013	0.50
n-Butane	1.0		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.034	0.20
Freon TF	0.091	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	9.7		0.045	5.0
Isopropyl alcohol	20		0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J M	0.013	0.50
tert-Butyl alcohol	0.41	J	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.11	J M	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	2.0		0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.055	J	0.031	0.20
Tetrahydrofuran	3.4	J	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.34		0.039	0.20
Carbon tetrachloride	0.084	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.16	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.066	J	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.11	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0101AD**

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.054	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.054	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	12		0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.67	J M	0.027	1.0
n-Butane	2.4		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.70	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	23		0.11	12
Isopropyl alcohol	49		0.091	12
Carbon disulfide	0.62	U	0.21	1.6

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776VMP0101AD

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.49	J M	0.045	1.7
tert-Butyl alcohol	1.3	J	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.38	J M	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	5.9		0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.27	J	0.15	0.98
Tetrahydrofuran	9.9	J	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	1.2		0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.52	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.36	J	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.40	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.23	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.23	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776VMP0101AD

Lab Sample ID: 280-25116-4
Client Matrix: Air

Date Sampled: 01/25/2012 1150
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq011.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1737			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1737			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0201AD**

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.63		0.038	0.50
Freon 22	4.6	M	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.41	J	0.013	0.50
n-Butane	1.3		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.28		0.034	0.20
Freon TF	0.15	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	8.3		0.045	5.0
Isopropyl alcohol	17		0.037	5.0
Carbon disulfide	0.20	J	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.16	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.15	J	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.40	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.062	J	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.42		0.039	0.20
Carbon tetrachloride	0.084	J	0.033	0.20
2,2,4-Trimethylpentane	0.051	J	0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.093	J	0.010	0.20
Trichloroethene	0.56		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.11	J	0.026	0.50
Toluene	0.37		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776VMP0201AD

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.028	J	0.020	0.20
Ethylbenzene	0.17	J	0.022	0.20
m,p-Xylene	0.44	J	0.048	0.50
Xylene, o-	0.18	J	0.022	0.20
Xylene (total)	0.62		0.022	0.20
Styrene	0.10	J	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.089	J	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.1		0.19	2.5
Freon 22	16	M	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.85	J	0.027	1.0
n-Butane	3.2		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.6		0.19	1.1
Freon TF	1.2	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	20		0.11	12
Isopropyl alcohol	41		0.091	12
Carbon disulfide	0.64	J	0.21	1.6

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0201AD**

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.55	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.53	J	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	1.2	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.30	J	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	1.4		0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.24	J	0.17	0.93
Benzene	0.65		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.38	J	0.041	0.82
Trichloroethene	3.0		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.44	J	0.11	2.0
Toluene	1.4		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.13	J	0.092	0.92
Ethylbenzene	0.75	J	0.096	0.87
m,p-Xylene	1.9	J	0.21	2.2
Xylene, o-	0.79	J	0.096	0.87
Xylene (total)	2.7		0.096	0.87
Styrene	0.44	J	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0201AD**

Lab Sample ID: 280-25116-5
Client Matrix: Air

Date Sampled: 01/25/2012 1140
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1827			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1827			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.49	J	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776VMP0301AD

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.59		0.038	0.50
Freon 22	1.8		0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.72		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.034	0.20
Freon TF	0.078	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	14		0.045	5.0
Isopropyl alcohol	11		0.037	5.0
Carbon disulfide	1.9		0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.21		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.86		0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.14	J	0.031	0.20
Tetrahydrofuran	0.28	J	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.36		0.039	0.20
Carbon tetrachloride	0.080	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.13	J	0.018	0.20
1,2-Dichloroethane	0.066	J	0.031	0.20
n-Heptane	0.088	J	0.010	0.20
Trichloroethene	2.5		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.20	J	0.026	0.50
Toluene	0.31		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0301AD**

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.15	J	0.022	0.20
m,p-Xylene	0.38	J	0.048	0.50
Xylene, o-	0.16	J	0.022	0.20
Xylene (total)	0.55		0.022	0.20
Styrene	0.061	J	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.12	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.053	J	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.097	J	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	6.3		0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	1.7		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.60	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	34		0.11	12
Isopropyl alcohol	28		0.091	12
Carbon disulfide	6.0		0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776VMP0301AD

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.50	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.72		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	2.6		0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.68	J	0.15	0.98
Tetrahydrofuran	0.81	J	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	1.2		0.13	0.69
Carbon tetrachloride	0.51	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.40	J	0.058	0.64
1,2-Dichloroethane	0.27	J	0.13	0.81
n-Heptane	0.36	J	0.041	0.82
Trichloroethene	13		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.83	J	0.11	2.0
Toluene	1.2		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.64	J	0.096	0.87
m,p-Xylene	1.7	J	0.21	2.2
Xylene, o-	0.70	J	0.096	0.87
Xylene (total)	2.4		0.096	0.87
Styrene	0.26	J	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **776VMP0301AD**

Lab Sample ID: 280-25116-6
Client Matrix: Air

Date Sampled: 01/25/2012 1200
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 1917			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 1917			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.61	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.29	J	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	0.51	J	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774IA1AG

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.52	U	0.15	2.0
Freon 22	98		0.14	2.0
1,2-Dichlorotetrafluoroethane	0.32	U	0.13	0.80
Chloromethane	0.81	J M	0.052	2.0
n-Butane	0.16	U	0.044	2.0
Vinyl chloride	0.32	U	0.12	0.80
1,3-Butadiene	0.16	U	0.040	0.80
Bromomethane	0.16	U	0.048	0.80
Chloroethane	0.16	U	0.064	2.0
Bromoethene(Vinyl Bromide)	0.16	U	0.076	0.80
Trichlorofluoromethane	1.6		0.14	0.80
Freon TF	0.16	U	0.040	0.80
1,1-Dichloroethene	0.32	U	0.12	0.80
Acetone	12	J	0.18	20
Isopropyl alcohol	12	J	0.15	20
Carbon disulfide	0.80	U	0.26	2.0
3-Chloropropene	0.16	U	0.076	2.0
Methylene Chloride	0.16	U	0.052	2.0
tert-Butyl alcohol	0.80	U	0.28	20
Methyl tert-butyl ether	0.16	U	0.064	0.80
trans-1,2-Dichloroethene	0.32	U	0.13	0.80
n-Hexane	0.32	U	0.10	0.80
1,1-Dichloroethane	0.52	U	0.14	0.80
Methyl Ethyl Ketone	0.86	J M	0.068	2.0
cis-1,2-Dichloroethene	0.16	U	0.056	0.80
1,2-Dichloroethene, Total	0.16	U	0.056	0.80
Chloroform	0.32	U	0.12	0.80
Tetrahydrofuran	0.16	U	0.072	20
1,1,1-Trichloroethane	0.52	U	0.14	0.80
Cyclohexane	0.52	U	0.16	0.80
Carbon tetrachloride	0.52	U	0.13	0.80
2,2,4-Trimethylpentane	0.52	U	0.14	0.80
Benzene	0.16	U	0.072	0.80
1,2-Dichloroethane	0.32	U	0.12	0.80
n-Heptane	0.16	U	0.040	0.80
Trichloroethene	0.27	J	0.12	0.80
Methyl methacrylate	0.16	U	0.052	2.0
1,2-Dichloropropane	0.16	U	0.056	0.80
1,4-Dioxane	1.3	U	0.35	20
Bromodichloromethane	0.32	U	0.11	0.80
cis-1,3-Dichloropropene	0.16	U	0.064	0.80
methyl isobutyl ketone	0.32	U	0.10	2.0
Toluene	0.20	J	0.072	0.80
trans-1,3-Dichloropropene	0.32	U	0.080	0.80
1,1,2-Trichloroethane	0.16	U	0.076	0.80
Tetrachloroethene	0.16	U	0.044	0.80

MH 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774IA1AG

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.52	U	0.16	2.0
Dibromochloromethane	0.32	U	0.084	0.80
1,2-Dibromoethane	0.16	U	0.072	0.80
Chlorobenzene	0.32	U	0.080	0.80
Ethylbenzene	0.32	U	0.088	0.80
m,p-Xylene	0.64	U	0.19	2.0
Xylene, o-	0.32	U	0.088	0.80
Xylene (total)	0.32	U	0.088	0.80
Styrene	0.32	U	0.12	0.80
Bromoform	0.16	U	0.076	0.80
Cumene	0.32	U	0.12	0.80
1,1,2,2-Tetrachloroethane	0.52	U	0.16	0.80
n-Propylbenzene	0.80	U	0.20	0.80
4-Ethyltoluene	0.52	U	0.18	0.80
1,3,5-Trimethylbenzene	0.52	U	0.20	0.80
2-Chlorotoluene	0.52	U	0.19	0.80
tert-Butylbenzene	0.52	U	0.19	0.80
1,2,4-Trimethylbenzene	0.52	U	0.21	0.80
sec-Butylbenzene	0.52	U	0.19	0.80
4-Isopropyltoluene	0.52	U	0.19	0.80
1,3-Dichlorobenzene	0.52	U	0.18	0.80
1,4-Dichlorobenzene	0.52	U	0.18	0.80
Benzyl chloride	0.52	U	0.18	0.80
n-Butylbenzene	0.52	U	0.22	0.80
1,2-Dichlorobenzene	0.52	U	0.19	0.80
1,2,4-Trichlorobenzene	0.52	U	0.20	2.0
Hexachlorobutadiene	0.80	U	0.26	0.80
Naphthalene	1.3	U	0.34	2.0

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.6	U	0.75	9.9
Freon 22	350		0.48	7.1
1,2-Dichlorotetrafluoroethane	2.2	U	0.89	5.6
Chloromethane	1.7	J M	0.11	4.1
n-Butane	0.38	U	0.10	4.8
Vinyl chloride	0.82	U	0.30	2.0
1,3-Butadiene	0.35	U	0.088	1.8
Bromomethane	0.62	U	0.19	3.1
Chloroethane	0.42	U	0.17	5.3
Bromoethene(Vinyl Bromide)	0.70	U	0.33	3.5
Trichlorofluoromethane	8.9		0.76	4.5
Freon TF	1.2	U	0.31	6.1
1,1-Dichloroethene	1.3	U	0.48	3.2
Acetone	28	J	0.43	48
Isopropyl alcohol	29	J	0.36	49
Carbon disulfide	2.5	U	0.82	6.2

LWH 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774IA1AG**

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.50	U	0.24	6.3
Methylene Chloride	0.56	U	0.18	6.9
tert-Butyl alcohol	2.4	U	0.86	61
Methyl tert-butyl ether	0.58	U	0.23	2.9
trans-1,2-Dichloroethene	1.3	U	0.51	3.2
n-Hexane	1.1	U	0.37	2.8
1,1-Dichloroethane	2.1	U	0.57	3.2
Methyl Ethyl Ketone	2.5	J M	0.20	5.9
cis-1,2-Dichloroethene	0.63	U	0.22	3.2
1,2-Dichloroethene, Total	0.63	U	0.22	3.2
Chloroform	1.6	U	0.61	3.9
Tetrahydrofuran	0.47	U	0.21	59
1,1,1-Trichloroethane	2.8	U	0.76	4.4
Cyclohexane	1.8	U	0.54	2.8
Carbon tetrachloride	3.3	U	0.83	5.0
2,2,4-Trimethylpentane	2.4	U	0.67	3.7
Benzene	0.51	U	0.23	2.6
1,2-Dichloroethane	1.3	U	0.50	3.2
n-Heptane	0.66	U	0.16	3.3
Trichloroethene	1.5	J	0.64	4.3
Methyl methacrylate	0.66	U	0.21	8.2
1,2-Dichloropropane	0.74	U	0.26	3.7
1,4-Dioxane	4.6	U	1.3	72
Bromodichloromethane	2.1	U	0.75	5.4
cis-1,3-Dichloropropene	0.73	U	0.29	3.6
methyl isobutyl ketone	1.3	U	0.43	8.2
Toluene	0.76	J	0.27	3.0
trans-1,3-Dichloropropene	1.5	U	0.36	3.6
1,1,2-Trichloroethane	0.87	U	0.41	4.4
Tetrachloroethene	1.1	U	0.30	5.4
Methyl Butyl Ketone (2-Hexanone)	2.1	U	0.64	8.2
Dibromochloromethane	2.7	U	0.72	6.8
1,2-Dibromoethane	1.2	U	0.55	6.1
Chlorobenzene	1.5	U	0.37	3.7
Ethylbenzene	1.4	U	0.38	3.5
m,p-Xylene	2.8	U	0.83	8.7
Xylene, o-	1.4	U	0.38	3.5
Xylene (total)	1.4	U	0.38	3.5
Styrene	1.4	U	0.51	3.4
Bromoform	1.7	U	0.79	8.3
Cumene	1.6	U	0.61	3.9
1,1,2,2-Tetrachloroethane	3.6	U	1.1	5.5
n-Propylbenzene	3.9	U	0.98	3.9
4-Ethyltoluene	2.6	U	0.90	3.9
1,3,5-Trimethylbenzene	2.6	U	1.0	3.9
2-Chlorotoluene	2.7	U	0.97	4.1

3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774IA1AG

Lab Sample ID: 280-25116-7
Client Matrix: Air

Date Sampled: 01/25/2012 1235
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr028.d
Dilution:	4.0			Initial Weight/Volume:	50 mL
Analysis Date:	02/08/2012 0910			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0910			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	2.9	U	1.0	4.4
1,2,4-Trimethylbenzene	2.6	U	1.0	3.9
sec-Butylbenzene	2.9	U	1.0	4.4
4-Isopropyltoluene	2.9	U	1.1	4.4
1,3-Dichlorobenzene	3.1	U	1.1	4.8
1,4-Dichlorobenzene	3.1	U	1.1	4.8
Benzyl chloride	2.7	U	0.95	4.1
n-Butylbenzene	2.9	U	1.2	4.4
1,2-Dichlorobenzene	3.1	U	1.2	4.8
1,2,4-Trichlorobenzene	3.9	U	1.5	15
Hexachlorobutadiene	8.5	U	2.8	8.5
Naphthalene	6.7	U	1.8	10

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776OA1GA**

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.58		0.013	0.50
n-Butane	0.77		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.074	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.79	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.12	J	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.14	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.082	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.19	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776OA1GA**

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.076	J	0.048	0.50
Xylene, o-	0.028	J	0.022	0.20
Xylene (total)	0.10	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2		0.027	1.0
n-Butane	1.8		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.56	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.9	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774776OA1GA

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.50	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.42	J	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.42	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.51	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.63		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.73	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.33	J	0.21	2.2
Xylene, o-	0.12	J	0.096	0.87
Xylene (total)	0.45	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774776OA1GA

Lab Sample ID: 280-25116-8
Client Matrix: Air

Date Sampled: 01/25/2012 1210
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2057			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2057			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776IA1FA

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.65	J	0.057	0.75
Freon 22	4.2		0.051	0.75
1,2-Dichlorotetrafluoroethane	0.12	U	0.048	0.30
Chloromethane	0.70	J	0.020	0.75
n-Butane	1.0		0.017	0.75
Vinyl chloride	0.12	U	0.044	0.30
1,3-Butadiene	0.060	U	0.015	0.30
Bromomethane	0.060	U	0.018	0.30
Chloroethane	0.060	U	0.024	0.75
Bromoethene(Vinyl Bromide)	0.060	U	0.029	0.30
Trichlorofluoromethane	0.25	J	0.051	0.30
Freon TF	0.060	U	0.015	0.30
1,1-Dichloroethene	0.12	U	0.045	0.30
Acetone	7.7		0.068	7.5
Isopropyl alcohol	42		0.056	7.5
Carbon disulfide	0.30	U	0.099	0.75
3-Chloropropene	0.060	U	0.029	0.75
Methylene Chloride	0.060	U	0.020	0.75
tert-Butyl alcohol	0.19	J M	0.11	7.5
Methyl tert-butyl ether	0.060	U	0.024	0.30
trans-1,2-Dichloroethene	0.12	U	0.048	0.30
n-Hexane	0.12	U	0.039	0.30
1,1-Dichloroethane	0.20	U	0.053	0.30
Methyl Ethyl Ketone	0.29	J	0.026	0.75
cis-1,2-Dichloroethene	0.060	U	0.021	0.30
1,2-Dichloroethene, Total	0.060	U	0.021	0.30
Chloroform	0.065	J	0.047	0.30
Tetrahydrofuran	0.060	U	0.027	7.5
1,1,1-Trichloroethane	0.20	U	0.053	0.30
Cyclohexane	0.20	U	0.059	0.30
Carbon tetrachloride	0.091	J	0.050	0.30
2,2,4-Trimethylpentane	0.064	J	0.054	0.30
Benzene	0.21	J	0.027	0.30
1,2-Dichloroethane	0.12	U	0.047	0.30
n-Heptane	0.10	J	0.015	0.30
Trichloroethene	0.076	J	0.045	0.30
Methyl methacrylate	0.060	U	0.020	0.75
1,2-Dichloropropane	0.060	U	0.021	0.30
1,4-Dioxane	0.48	U	0.13	7.5
Bromodichloromethane	0.12	U	0.042	0.30
cis-1,3-Dichloropropene	0.060	U	0.024	0.30
methyl isobutyl ketone	0.20	J	0.039	0.75
Toluene	0.35		0.027	0.30
trans-1,3-Dichloropropene	0.12	U	0.030	0.30
1,1,2-Trichloroethane	0.060	U	0.029	0.30
Tetrachloroethene	0.060	U	0.017	0.30

MH 3/7/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776IA1FA

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.20	U	0.059	0.75
Dibromochloromethane	0.12	U	0.032	0.30
1,2-Dibromoethane	0.060	U	0.027	0.30
Chlorobenzene	0.12	U	0.030	0.30
Ethylbenzene	0.11	J	0.033	0.30
m,p-Xylene	0.24	J	0.072	0.75
Xylene, o-	0.11	J	0.033	0.30
Xylene (total)	0.34		0.033	0.30
Styrene	0.078	J	0.045	0.30
Bromoform	0.060	U	0.029	0.30
Cumene	0.12	U	0.047	0.30
1,1,2,2-Tetrachloroethane	0.20	U	0.060	0.30
n-Propylbenzene	0.30	U	0.075	0.30
4-Ethyltoluene	0.20	U	0.069	0.30
1,3,5-Trimethylbenzene	0.20	U	0.077	0.30
2-Chlorotoluene	0.20	U	0.071	0.30
tert-Butylbenzene	0.20	U	0.071	0.30
1,2,4-Trimethylbenzene	0.20	U	0.078	0.30
sec-Butylbenzene	0.20	U	0.071	0.30
4-Isopropyltoluene	0.20	U	0.072	0.30
1,3-Dichlorobenzene	0.20	U	0.066	0.30
1,4-Dichlorobenzene	0.20	U	0.066	0.30
Benzyl chloride	0.20	U	0.069	0.30
n-Butylbenzene	0.20	U	0.083	0.30
1,2-Dichlorobenzene	0.20	U	0.072	0.30
1,2,4-Trichlorobenzene	0.20	U	0.075	0.75
Hexachlorobutadiene	0.30	U	0.098	0.30
Naphthalene	0.14	J	0.13	0.75

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	3.2	J	0.28	3.7
Freon 22	15		0.18	2.7
1,2-Dichlorotetrafluoroethane	0.84	U	0.34	2.1
Chloromethane	1.4	J	0.040	1.5
n-Butane	2.4		0.039	1.8
Vinyl chloride	0.31	U	0.11	0.77
1,3-Butadiene	0.13	U	0.033	0.66
Bromomethane	0.23	U	0.070	1.2
Chloroethane	0.16	U	0.063	2.0
Bromoethene(Vinyl Bromide)	0.26	U	0.12	1.3
Trichlorofluoromethane	1.4	J	0.29	1.7
Freon TF	0.46	U	0.11	2.3
1,1-Dichloroethene	0.48	U	0.18	1.2
Acetone	18		0.16	18
Isopropyl alcohol	100		0.14	18
Carbon disulfide	0.93	U	0.31	2.3

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776IA1FA

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.19	U	0.089	2.3
Methylene Chloride	0.21	U	0.068	2.6
tert-Butyl alcohol	0.56	J M	0.32	23
Methyl tert-butyl ether	0.22	U	0.087	1.1
trans-1,2-Dichloroethene	0.48	U	0.19	1.2
n-Hexane	0.42	U	0.14	1.1
1,1-Dichloroethane	0.79	U	0.21	1.2
Methyl Ethyl Ketone	0.84	J	0.075	2.2
cis-1,2-Dichloroethene	0.24	U	0.083	1.2
1,2-Dichloroethene, Total	0.24	U	0.083	1.2
Chloroform	0.32	J	0.23	1.5
Tetrahydrofuran	0.18	U	0.080	22
1,1,1-Trichloroethane	1.1	U	0.29	1.6
Cyclohexane	0.67	U	0.20	1.0
Carbon tetrachloride	0.57	J	0.31	1.9
2,2,4-Trimethylpentane	0.30	J	0.25	1.4
Benzene	0.67	J	0.086	0.96
1,2-Dichloroethane	0.49	U	0.19	1.2
n-Heptane	0.43	J	0.061	1.2
Trichloroethene	0.41	J	0.24	1.6
Methyl methacrylate	0.25	U	0.080	3.1
1,2-Dichloropropane	0.28	U	0.097	1.4
1,4-Dioxane	1.7	U	0.48	27
Bromodichloromethane	0.80	U	0.28	2.0
cis-1,3-Dichloropropene	0.27	U	0.11	1.4
methyl isobutyl ketone	0.83	J	0.16	3.1
Toluene	1.3		0.10	1.1
trans-1,3-Dichloropropene	0.54	U	0.14	1.4
1,1,2-Trichloroethane	0.33	U	0.16	1.6
Tetrachloroethene	0.41	U	0.11	2.0
Methyl Butyl Ketone (2-Hexanone)	0.80	U	0.24	3.1
Dibromochloromethane	1.0	U	0.27	2.6
1,2-Dibromoethane	0.46	U	0.21	2.3
Chlorobenzene	0.55	U	0.14	1.4
Ethylbenzene	0.47	J	0.14	1.3
m,p-Xylene	1.0	J	0.31	3.3
Xylene, o-	0.46	J	0.14	1.3
Xylene (total)	1.5		0.14	1.3
Styrene	0.33	J	0.19	1.3
Bromoform	0.62	U	0.29	3.1
Cumene	0.59	U	0.23	1.5
1,1,2,2-Tetrachloroethane	1.3	U	0.41	2.1
n-Propylbenzene	1.5	U	0.37	1.5
4-Ethyltoluene	0.96	U	0.34	1.5
1,3,5-Trimethylbenzene	0.96	U	0.38	1.5
2-Chlorotoluene	1.0	U	0.37	1.6

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 776IA1FA

Lab Sample ID: 280-25116-9
Client Matrix: Air

Date Sampled: 01/25/2012 1255
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr020.d
Dilution:	1.5			Initial Weight/Volume:	133 mL
Analysis Date:	02/08/2012 0230			Final Weight/Volume:	200 mL
Prep Date:	02/08/2012 0230			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	1.1	U	0.39	1.6
1,2,4-Trimethylbenzene	0.96	U	0.38	1.5
sec-Butylbenzene	1.1	U	0.39	1.6
4-Isopropyltoluene	1.1	U	0.40	1.6
1,3-Dichlorobenzene	1.2	U	0.40	1.8
1,4-Dichlorobenzene	1.2	U	0.40	1.8
Benzyl chloride	1.0	U	0.36	1.6
n-Butylbenzene	1.1	U	0.45	1.6
1,2-Dichlorobenzene	1.2	U	0.43	1.8
1,2,4-Trichlorobenzene	1.4	U	0.56	5.6
Hexachlorobutadiene	3.2	U	1.0	3.2
Naphthalene	0.71	J	0.68	3.9

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.55		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.23		0.034	0.20
Freon TF	0.084	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	1.4	J	0.045	5.0
Isopropyl alcohol	0.44	J M	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	2.8		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.19	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.82		0.039	0.20
Carbon tetrachloride	0.069	J	0.033	0.20
2,2,4-Trimethylpentane	0.42		0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	1.0		0.010	0.20
Trichloroethene	2.4		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.85		0.026	0.50
Toluene	0.16	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.36		0.011	0.20

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.074	J	0.048	0.50
Xylene, o-	0.025	J	0.022	0.20
Xylene (total)	0.099	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.19	1.1
Freon TF	0.64	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	3.3	J	0.11	12
Isopropyl alcohol	1.1	J	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

wmt 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	10		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.55	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	2.8		0.13	0.69
Carbon tetrachloride	0.43	J	0.21	1.3
2,2,4-Trimethylpentane	1.9		0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	4.1		0.041	0.82
Trichloroethene	13		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	3.5		0.11	2.0
Toluene	0.61	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	2.4		0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.32	J	0.21	2.2
Xylene, o-	0.11	J	0.096	0.87
Xylene (total)	0.43	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0102AD**

Lab Sample ID: 280-25116-10
Client Matrix: Air

Date Sampled: 01/27/2012 1130
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2237			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2237			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.038	0.50
Freon 22	0.27	J	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.070	J M	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.51	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.14	J	0.013	0.50
tert-Butyl alcohol	0.16	J	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.41		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.076	J	0.033	0.20
2,2,4-Trimethylpentane	0.052	J	0.036	0.20
Benzene	0.077	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.097	J	0.010	0.20
Trichloroethene	0.36		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.99		0.026	0.50
Toluene	0.16	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.093	J	0.022	0.20
m,p-Xylene	0.32	J	0.048	0.50
Xylene, o-	0.087	J	0.022	0.20
Xylene (total)	0.41		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.068	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.7		0.19	2.5
Freon 22	0.97	J	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.54	J M	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.2	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

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Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.50	J	0.045	1.7
tert-Butyl alcohol	0.47	J	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.5		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.48	J	0.21	1.3
2,2,4-Trimethylpentane	0.24	J	0.17	0.93
Benzene	0.25	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.40	J	0.041	0.82
Trichloroethene	1.9		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	4.0		0.11	2.0
Toluene	0.62	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.40	J	0.096	0.87
m,p-Xylene	1.4	J	0.21	2.2
Xylene, o-	0.38	J	0.096	0.87
Xylene (total)	1.8		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **786VMP0302AD**

Lab Sample ID: 280-25116-12
Client Matrix: Air

Date Sampled: 01/27/2012 1120
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/06/2012 2327			Final Weight/Volume:	200 mL
Prep Date:	02/06/2012 2327			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.33	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774776CA01AF

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.1	J	0.19	2.5
Freon 22	91		0.17	2.5
1,2-Dichlorotetrafluoroethane	0.40	U	0.16	1.0
Chloromethane	0.20	U	0.065	2.5
n-Butane	1.2	J	0.055	2.5
Vinyl chloride	0.40	U	0.15	1.0
1,3-Butadiene	0.20	U	0.050	1.0
Bromomethane	0.20	U	0.060	1.0
Chloroethane	0.20	U	0.080	2.5
Bromoethene(Vinyl Bromide)	0.20	U	0.095	1.0
Trichlorofluoromethane	7.0		0.17	1.0
Freon TF	0.20	U	0.050	1.0
1,1-Dichloroethene	0.40	U	0.15	1.0
Acetone	6.8	J	0.23	25
Isopropyl alcohol	0.65	U	0.19	25
Carbon disulfide	1.0	U	0.33	2.5
3-Chloropropene	0.20	U	0.095	2.5
Methylene Chloride	0.20	U	0.065	2.5
tert-Butyl alcohol	1.0	U	0.36	25
Methyl tert-butyl ether	0.20	U	0.080	1.0
trans-1,2-Dichloroethene	0.40	U	0.16	1.0
n-Hexane	0.40	U	0.13	1.0
1,1-Dichloroethane	0.65	U	0.18	1.0
Methyl Ethyl Ketone	1.6	J	0.085	2.5
cis-1,2-Dichloroethene	0.20	U	0.070	1.0
1,2-Dichloroethene, Total	0.20	U	0.070	1.0
Chloroform	0.73	J	0.16	1.0
Tetrahydrofuran	0.20	U	0.090	25
1,1,1-Trichloroethane	0.91	J	0.18	1.0
Cyclohexane	0.65	U	0.20	1.0
Carbon tetrachloride	0.65	U	0.17	1.0
2,2,4-Trimethylpentane	0.65	U	0.18	1.0
Benzene	0.57	J	0.090	1.0
1,2-Dichloroethane	0.40	U	0.16	1.0
n-Heptane	0.46	J	0.050	1.0
Trichloroethene	57		0.15	1.0
Methyl methacrylate	0.20	U	0.065	2.5
1,2-Dichloropropane	0.20	U	0.070	1.0
1,4-Dioxane	1.6	U	0.44	25
Bromodichloromethane	0.40	U	0.14	1.0
cis-1,3-Dichloropropene	0.20	U	0.080	1.0
methyl isobutyl ketone	0.40	U	0.13	2.5
Toluene	0.22	J	0.090	1.0
trans-1,3-Dichloropropene	0.40	U	0.10	1.0
1,1,2-Trichloroethane	0.20	U	0.095	1.0
Tetrachloroethene	0.20	U	0.055	1.0

CWL 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776CA01AF**

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.65	U	0.20	2.5
Dibromochloromethane	0.40	U	0.11	1.0
1,2-Dibromoethane	0.20	U	0.090	1.0
Chlorobenzene	0.40	U	0.10	1.0
Ethylbenzene	0.40	U	0.11	1.0
m,p-Xylene	0.80	U	0.24	2.5
Xylene, o-	0.40	U	0.11	1.0
Xylene (total)	0.40	U	0.11	1.0
Styrene	0.40	U	0.15	1.0
Bromoform	0.20	U	0.095	1.0
Cumene	0.40	U	0.16	1.0
1,1,2,2-Tetrachloroethane	0.65	U	0.20	1.0
n-Propylbenzene	1.0	U	0.25	1.0
4-Ethyltoluene	0.65	U	0.23	1.0
1,3,5-Trimethylbenzene	0.65	U	0.26	1.0
2-Chlorotoluene	0.65	U	0.24	1.0
tert-Butylbenzene	0.65	U	0.24	1.0
1,2,4-Trimethylbenzene	0.65	U	0.26	1.0
sec-Butylbenzene	0.65	U	0.24	1.0
4-Isopropyltoluene	0.65	U	0.24	1.0
1,3-Dichlorobenzene	0.65	U	0.22	1.0
1,4-Dichlorobenzene	0.65	U	0.22	1.0
Benzyl chloride	0.65	U	0.23	1.0
n-Butylbenzene	0.65	U	0.28	1.0
1,2-Dichlorobenzene	0.65	U	0.24	1.0
1,2,4-Trichlorobenzene	0.65	U	0.25	2.5
Hexachlorobutadiene	1.0	U	0.33	1.0
Naphthalene	1.6	U	0.43	2.5

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	11	J Ø	0.94	12
Freon 22	320	Ø	0.60	8.8
1,2-Dichlorotetrafluoroethane	2.8	U	1.1	7.0
Chloromethane	0.41	U	0.13	5.2
n-Butane	2.9	J Ø	0.13	5.9
Vinyl chloride	1.0	U	0.37	2.6
1,3-Butadiene	0.44	U	0.11	2.2
Bromomethane	0.78	U	0.23	3.9
Chloroethane	0.53	U	0.21	6.6
Bromoethene(Vinyl Bromide)	0.87	U	0.42	4.4
Trichlorofluoromethane	40	Ø	0.96	5.6
Freon TF	1.5	U	0.38	7.7
1,1-Dichloroethene	1.6	U	0.59	4.0
Acetone	16	J Ø	0.53	59
Isopropyl alcohol	1.6	U	0.45	61
Carbon disulfide	3.1	U	1.0	7.8

CM 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 774776CA01AF

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.63	U	0.30	7.8
Methylene Chloride	0.69	U	0.23	8.7
tert-Butyl alcohol	3.0	U	1.1	76
Methyl tert-butyl ether	0.72	U	0.29	3.6
trans-1,2-Dichloroethene	1.6	U	0.63	4.0
n-Hexane	1.4	U	0.46	3.5
1,1-Dichloroethane	2.6	U	0.71	4.0
Methyl Ethyl Ketone	4.8	J Ø	0.25	7.4
cis-1,2-Dichloroethene	0.79	U	0.28	4.0
1,2-Dichloroethene, Total	0.79	U	0.28	4.0
Chloroform	3.6	J Ø	0.76	4.9
Tetrahydrofuran	0.59	U	0.27	74
1,1,1-Trichloroethane	5.0	J Ø	0.95	5.5
Cyclohexane	2.2	U	0.67	3.4
Carbon tetrachloride	4.1	U	1.0	6.3
2,2,4-Trimethylpentane	3.0	U	0.84	4.7
Benzene	1.8	J Ø	0.29	3.2
1,2-Dichloroethane	1.6	U	0.63	4.0
n-Heptane	1.9	J Ø	0.20	4.1
Trichloroethene	300	Ø	0.81	5.4
Methyl methacrylate	0.82	U	0.27	10
1,2-Dichloropropane	0.92	U	0.32	4.6
1,4-Dioxane	5.8	U	1.6	90
Bromodichloromethane	2.7	U	0.94	6.7
cis-1,3-Dichloropropene	0.91	U	0.36	4.5
methyl isobutyl ketone	1.6	U	0.53	10
Toluene	0.83	J Ø	0.34	3.8
trans-1,3-Dichloropropene	1.8	U	0.45	4.5
1,1,2-Trichloroethane	1.1	U	0.52	5.5
Tetrachloroethene	1.4	U	0.37	6.8
Methyl Butyl Ketone (2-Hexanone)	2.7	U	0.80	10
Dibromochloromethane	3.4	U	0.89	8.5
1,2-Dibromoethane	1.5	U	0.69	7.7
Chlorobenzene	1.8	U	0.46	4.6
Ethylbenzene	1.7	U	0.48	4.3
m,p-Xylene	3.5	U	1.0	11
Xylene, o-	1.7	U	0.48	4.3
Xylene (total)	1.7	U	0.48	4.3
Styrene	1.7	U	0.64	4.3
Bromoform	2.1	U	0.98	10
Cumene	2.0	U	0.76	4.9
1,1,2,2-Tetrachloroethane	4.5	U	1.4	6.9
n-Propylbenzene	4.9	U	1.2	4.9
4-Ethyltoluene	3.2	U	1.1	4.9
1,3,5-Trimethylbenzene	3.2	U	1.3	4.9
2-Chlorotoluene	3.4	U	1.2	5.2

UH
3/17/12

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **774776CA01AF**

Lab Sample ID: 280-25116-13
Client Matrix: Air

Date Sampled: 01/24/2012 0930
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq019.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	02/07/2012 0017			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0017			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	3.6	U	1.3	5.5
1,2,4-Trimethylbenzene	3.2	U	1.3	4.9
sec-Butylbenzene	3.6	U	1.3	5.5
4-Isopropyltoluene	3.6	U	1.3	5.5
1,3-Dichlorobenzene	3.9	U	1.3	6.0
1,4-Dichlorobenzene	3.9	U	1.3	6.0
Benzyl chloride	3.4	U	1.2	5.2
n-Butylbenzene	3.6	U	1.5	5.5
1,2-Dichlorobenzene	3.9	U	1.4	6.0
1,2,4-Trichlorobenzene	4.8	U	1.9	19
Hexachlorobutadiene	11	U	3.5	11
Naphthalene	8.4	U	2.3	13

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 785786CA01AD

Lab Sample ID: 280-25116-14
Client Matrix: Air

Date Sampled: 01/24/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	1.2		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.24		0.034	0.20
Freon TF	0.068	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.52	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.16	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.43		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.091	J	0.017	0.50
cis-1,2-Dichloroethene	0.14	J	0.014	0.20
1,2-Dichloroethene, Total	0.14	J	0.014	0.20
Chloroform	0.33		0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.059	J	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.076	J	0.033	0.20
2,2,4-Trimethylpentane	1.7		0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.76		0.010	0.20
Trichloroethene	26		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.12	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	1.7		0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **785786CA01AD**

Lab Sample ID: 280-25116-14
Client Matrix: Air

Date Sampled: 01/24/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.069	J	0.022	0.20
m,p-Xylene	0.23	J	0.048	0.50
Xylene, o-	0.070	J	0.022	0.20
Xylene (total)	0.30		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.054	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	2.8		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.52	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.2	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: 785786CA01AD

Lab Sample ID: 280-25116-14
Client Matrix: Air

Date Sampled: 01/24/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.54	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.5		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.27	J	0.050	1.5
cis-1,2-Dichloroethene	0.56	J	0.056	0.79
1,2-Dichloroethene, Total	0.56	J	0.056	0.79
Chloroform	1.6		0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.32	J	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.48	J	0.21	1.3
2,2,4-Trimethylpentane	7.9		0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	3.1		0.041	0.82
Trichloroethene	140		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.44	J	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	11		0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.30	J	0.096	0.87
m,p-Xylene	0.98	J	0.21	2.2
Xylene, o-	0.30	J	0.096	0.87
Xylene (total)	1.3		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **785786CA01AD**

Lab Sample ID: 280-25116-14
Client Matrix: Air

Date Sampled: 01/24/2012 1020
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0106			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0106			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.26	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.13	U	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.040	U	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.31	U	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.15	U	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25116-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25116-15TB
Client Matrix: Air

Date Sampled: 01/27/2012 1700
Date Received: 01/30/2012 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0156			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0156			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

FPM REMEDIATIONS, Inc.
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
GRIFFISS SUBSLAB VAPOR MITIGATION SYSTEM
Site Griffiss AFB Buildings 774/776, 785/786
Contract No. FA8903-10-D-8595

FPM Project No. 1015-11-01

TestAmerica Job # 280-25294-1

Laboratory:	TestAmerica Laboratories, Inc.
Sample Matrix:	Soil gas
Number of Samples:	7
Analytical Protocol:	DOD QSM, version 4.2, as per project-specific UFP QAPP
Data Reviewer:	Connie van Hoesel
Sample Date:	January 27 and 31, 2012

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	Sample ID	Date
785IA07	1/27/12	TRIP BLANK	1/31/12
785IA06	1/27/12		
785786OA03	1/27/12		
785VMP0202AG	1/31/12		
785VMP0401AD	1/31/12		
785VMP0501AC	1/31/12		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
AG, AD, AC – Primary environmental 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:

- Detection limits and limits of quantitation (DLs, LOQs)
- 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 MDL and RL), 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 RL, no further action was taken in such instances.

SAMPLE LABELING/CHAIN-OF-CUSTODY

According to the case narrative, the container labels for sample 785vmp0501AC did not match the information listed on the COC. In accordance with FPM's request, the laboratory used the COC login time for the system login.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- According to the case narrative, the return pressure of the canisters for the following samples were outside the laboratory's guidance range of -1 to -10 in Hg: 785IA07 (+1.5), 786IA06 (+1.5), and 785786OA03(+1.0). The laboratory contacted FPM and the samples were analyzed.

- The following blank sample analyses indicated blank contaminants present at concentrations equal to or greater than half the reporting limit (RL) (for the purposes of this data review, the RL is assumed to be equal to the LOQ). The Blank ID, detected contaminant, and concentration are listed.

Blank ID	Analyte	Concentration ($\mu g/m^3$)	Reporting Limit ($\mu g/m^3$)	Samples Affected
TRIP BLANK	n-Hexane	1.5	0.70	785IA07, 785IA06, 785786OA03, 785VMP0401AD, 785VMP0501AC
	Cyclohexane	0.76	0.69	785IA07, 785IA06, 785786OA03, 785VMP0401AD, 785VMP0501AC
	n-Heptane	0.48 J	0.82	785IA07, 785IA06, 785786OA03, 785VMP0401AD, 785VMP0501AC
	Toluene	0.77	0.75	785IA07, 785IA06, 785786OA03, 785VMP0202AG, 785VMP0401AD, 785VMP0501AC

The purpose of laboratory, equipment or trip blank analysis is to determine the existence and magnitude of contamination resulting from lab or field activities. If contamination is found in blanks the associated sample results for these analytes may be considered suspect. As per the QAPP, based on the blank contaminants present above half the RL, results for the specific analytes in the associated environmental samples are qualified with a "B" flag. However, in accordance with the DOD QSM and consistent the project-specific QAPP, the "B" flag is **not** applied for sample results that are greater than five times (5x) the blank concentration. Thus the "B" flag is only applied to those samples for which the sample result is positive and less than five times (5x) the blank concentration.

Corrective Action: "B" flags were applied to the results for the analytes detected in the trip blank for the field samples as shown in the table 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 # 280-25294-1 are usable, which can be used with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 3/19/12

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

CASE NARRATIVE

CASE NARRATIVE

Client: FPM Remediations Inc

Project: Griffiss AFB 1015-11-01 SVI

Report Number: 280-25294-1

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

Seven samples were received at the TestAmerica Burlington laboratory on February 3, 2012. The samples arrived in good condition. The samples were received at ambient temperature.

There was a discrepancy between the container label and the chain of custody for sample 785VMP0501AC (280-25294-6). The container label lists collection time as 1506. The COC lists collection time as 1522. The sample collection time listed on the chain of custody was logged.

Upon receipt at the laboratory the return pressure of the canisters associated with this job were checked. Samples 785IA07, 786IA06 and 785786OA03 had return pressures that were outside the laboratory's guidance range of -1 to -10 in Hg. The client was notified on 2/6/2012 and the samples were analyzed.

EPA-21

Samples 785IA07 (280-25294-1), 785IA06 (280-25294-2), 785786OA03 (280-25294-3), 785VMP0202AG (280-25294-4), 785VMP0401AD (280-25294-5), 785VMP0501AC (280-25294-6) and TRIP BLANK (280-25294-7) were analyzed for EPA-21 in accordance with TO-15.

Acetone and 1,2,4-Trichlorobenzene were detected in method blank MB 200-33356/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated samples reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the TO15 analyses.

All other quality control parameters were within the acceptance limits.

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AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25294-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33381

Lab Sample ID: CCVIS 200-33381/2 Client Sample ID:

Date Analyzed: 02/07/12 11:23 Lab File ID: cknr002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Poor chromatography	ahk	02/08/12 20:25
Acetonitrile	8.71	Poor chromatography	ahk	02/08/12 20:26

Lab Sample ID: LCS 200-33381/3 Client Sample ID:

Date Analyzed: 02/07/12 12:21 Lab File ID: cknr003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Poor chromatography	ahk	02/08/12 20:30

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25294-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-25294-1	785IA07	Air	01/27/2012 1230	02/03/2012 1000
280-25294-2	785IA06	Air	01/27/2012 1140	02/03/2012 1000
280-25294-3	785786OA03	Air	01/27/2012 1240	02/03/2012 1000
280-25294-4	785VMP0202AG	Air	01/31/2012 1506	02/03/2012 1000
280-25294-5	785VMP0401AD	Air	01/31/2012 1600	02/03/2012 1000
280-25294-6	785VMP0501AC	Air	01/31/2012 1522	02/03/2012 1000
280-25294-7TB	TRIP BLANK	Air	01/31/2012 1700	02/03/2012 1000

AFCEE
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: Mark Grifasi	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441
Carrier: Fedex	Sampler Signature: Mark Grifasi	Phone: (315) 336-7721 Ext 212

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2012	Time	MATRIX	SMCODE	SBD/SBD	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
785IA07	785-IA	01/27	1230	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 2693, Regulator # 4276
786IA06	786-IA	01/27	1140	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 2512, Regulator # 3981
785786OA03	785786-OA	01/27	1240	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 4795, Regulator # 3299
785VMP0202AG	785VMP-2	01/31	1506	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 2902, Regulator # 4714
785VMP0401AD	785VMP-4	01/31	1600	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 4469, Regulator # 4590
785VMP0501AC	785VMP-5	01/31	1522	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 3037, Regulator # 4607
Trip Blank	013112TB	01/31	1700	GS	AC	0/0	TB	-	Unf.	1	1	1	Canister # 4913

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) KMattice	Date: 02/02/12	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations Inc	Time: 1700	Company Name:	Time:
#1 Received by: (Sig) Mark Grifasi	Date: 01/30/12	#2 Received by: (Sig)	Date: 2/3/12	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1700	Company Name: TALSAN	Time: 1000	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

METHOD / ANALYST SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25294-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD
EPA TO-15	Keene, Angela H	AHK

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785IA07

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.58	M	0.013	0.50
n-Butane	0.84		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.26		0.034	0.20
Freon TF	0.071	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	1.1	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.56	B	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.10	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.10	J B	0.039	0.20
Carbon tetrachloride	0.083	J	0.033	0.20
2,2,4-Trimethylpentane	0.062	J	0.036	0.20
Benzene	0.18	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.091	J B	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.37	B	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

CWA 3/18/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785IA07

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.030	J	0.022	0.20
m,p-Xylene	0.067	J	0.048	0.50
Xylene, o-	0.024	J	0.022	0.20
Xylene (total)	0.092	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2	M	0.027	1.0
n-Butane	2.0		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.54	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	2.6	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

CMA 3/18/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785IA07

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	2.0	B	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.30	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.34	JB	0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.29	J	0.17	0.93
Benzene	0.58	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.37	JB	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	1.4	B	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.13	J	0.096	0.87
m,p-Xylene	0.29	J	0.21	2.2
Xylene, o-	0.11	J	0.096	0.87
Xylene (total)	0.40	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

CWT 3/8/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785IA07

Lab Sample ID: 280-25294-1
Client Matrix: Air

Date Sampled: 01/27/2012 1230
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq022.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0246			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0246			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785IA06

Lab Sample ID: 280-25294-2

Client Matrix: Air

Date Sampled: 01/27/2012 1140

Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.58		0.013	0.50
n-Butane	0.95		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.074	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	1.4	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.19	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.38	B	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.26	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.082	J B	0.039	0.20
Carbon tetrachloride	0.085	J	0.033	0.20
2,2,4-Trimethylpentane	0.087	J M	0.036	0.20
Benzene	0.23		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.12	J B	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.63		0.026	0.50
Toluene	0.65	B	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

cwt 3/18/12

Client Sample ID: 785IA06

Lab Sample ID: 280-25294-2
Client Matrix: Air

Date Sampled: 01/27/2012 1140
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.15	J	0.022	0.20
m,p-Xylene	0.42	J	0.048	0.50
Xylene, o-	0.12	J	0.022	0.20
Xylene (total)	0.54		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2		0.027	1.0
n-Butane	2.3		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.56	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	3.3	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785IA06

Lab Sample ID: 280-25294-2
Client Matrix: Air

Date Sampled: 01/27/2012 1140
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.67	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.3	B	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.76	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.28	JB	0.13	0.69
Carbon tetrachloride	0.53	J	0.21	1.3
2,2,4-Trimethylpentane	0.41	J	0.17	0.93
Benzene	0.75		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.48	JB	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	2.6		0.11	2.0
Toluene	2.4	B	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.67	J	0.096	0.87
m,p-Xylene	1.8	J	0.21	2.2
Xylene, o-	0.51	J	0.096	0.87
Xylene (total)	2.3		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

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Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785IA06

Lab Sample ID: 280-25294-2
Client Matrix: Air

Date Sampled: 01/27/2012 1140
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq023.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0336			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0336			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785786OA03

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.56		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.59		0.013	0.50
n-Butane	0.80		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.077	J M	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	8.1		0.045	5.0
Isopropyl alcohol	0.55	J M	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.15	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.63	B	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.31	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.18	J B	0.039	0.20
Carbon tetrachloride	0.083	J	0.033	0.20
2,2,4-Trimethylpentane	0.072	J	0.036	0.20
Benzene	0.17	J	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.13	J B	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.15	J B	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

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Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785786OA03

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.070	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.070	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	1.2		0.027	1.0
n-Butane	1.9		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.59	J M	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	19		0.11	12
Isopropyl alcohol	1.3	J M	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

8/18/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785786OA03

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.53	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	2.2	B	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.92	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.63	JB	0.13	0.69
Carbon tetrachloride	0.52	J	0.21	1.3
2,2,4-Trimethylpentane	0.34	J	0.17	0.93
Benzene	0.56	J	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.55	JB	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.57	JB	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.30	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.30	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

mt 3/18/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785786OA03

Lab Sample ID: 280-25294-3
Client Matrix: Air

Date Sampled: 01/27/2012 1240
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0426			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0426			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785VMP0202AG

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	1.7		0.013	0.50
n-Butane	0.27	J	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.075	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.32	J M	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.080	U	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	1.6	J	0.018	5.0
1,1,1-Trichloroethane	0.10	J	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.078	J M	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.19	J	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.096	J	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

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Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0202AG**

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.048	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.048	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	3.5		0.027	1.0
n-Butane	0.64	J	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.58	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	0.76	J M	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

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Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0202AG**

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.28	U	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	4.6	J	0.053	15
1,1,1-Trichloroethane	0.57	J	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.49	J M	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	1.0	J	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.36	J B	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.21	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.21	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

ckt 3/18/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0202AG**

Lab Sample ID: 280-25294-4
Client Matrix: Air

Date Sampled: 01/31/2012 1506
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0516			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0516			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785VMP0401AD

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.58		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	1.9		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.076	J M	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	2.1	J	0.045	5.0
Isopropyl alcohol	0.93	J	0.037	5.0
Carbon disulfide	0.35	J	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.12	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.26	B	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.28	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.10	J B	0.039	0.20
Carbon tetrachloride	0.081	J	0.033	0.20
2,2,4-Trimethylpentane	0.12	J	0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.11	J B	0.010	0.20
Trichloroethene	0.66		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.60	B	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

CMT 3/18/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0401AD**

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.13	J	0.022	0.20
m,p-Xylene	0.26	J	0.048	0.50
Xylene, o-	0.10	J	0.022	0.20
Xylene (total)	0.37		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.092	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.9		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	4.6		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.58	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	4.9	J	0.11	12
Isopropyl alcohol	2.3	J	0.091	12
Carbon disulfide	1.1	J	0.21	1.6

cwk 3/18/12

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0401AD**

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.43	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.91	B	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.82	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.34	JB	0.13	0.69
Carbon tetrachloride	0.51	J	0.21	1.3
2,2,4-Trimethylpentane	0.58	J	0.17	0.93
Benzene	0.64		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.45	JB	0.041	0.82
Trichloroethene	3.5		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	2.2	B	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.58	J	0.096	0.87
m,p-Xylene	1.1	J	0.21	2.2
Xylene, o-	0.46	J	0.096	0.87
Xylene (total)	1.6		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

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Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785VMP0401AD

Lab Sample ID: 280-25294-5
Client Matrix: Air

Date Sampled: 01/31/2012 1600
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq026.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0606			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0606			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.45	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: 785VMP0501AC

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.57		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	2.0		0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.25		0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.98	J	0.045	5.0
Isopropyl alcohol	0.13	U	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.040	U	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.98	B	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.13	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.070	J	0.018	5.0
1,1,1-Trichloroethane	0.097	J M	0.035	0.20
Cyclohexane	0.31	B	0.039	0.20
Carbon tetrachloride	0.076	J	0.033	0.20
2,2,4-Trimethylpentane	0.28		0.036	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.17	J B	0.010	0.20
Trichloroethene	3.4		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.44	B	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

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Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0501AC**

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.42		0.022	0.20
m,p-Xylene	0.83		0.048	0.50
Xylene, o-	0.40		0.022	0.20
Xylene (total)	1.2		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.083	J	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.8		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	4.8		0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.4		0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	2.3	J	0.11	12
Isopropyl alcohol	0.32	U	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0501AC**

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.14	U	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	3.5	B	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.37	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.21	J	0.053	15
1,1,1-Trichloroethane	0.53	J M	0.19	1.1
Cyclohexane	1.1	B	0.13	0.69
Carbon tetrachloride	0.48	J	0.21	1.3
2,2,4-Trimethylpentane	1.3		0.17	0.93
Benzene	0.64		0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.70	J B	0.041	0.82
Trichloroethene	18		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	1.6	B	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	1.8		0.096	0.87
m,p-Xylene	3.6		0.21	2.2
Xylene, o-	1.7		0.096	0.87
Xylene (total)	5.3		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.41	J	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

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Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **785VMP0501AC**

Lab Sample ID: 280-25294-6
Client Matrix: Air

Date Sampled: 01/31/2012 1522
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33356	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknq027.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 0656			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 0656			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25294-7TB
Client Matrix: Air

Date Sampled: 01/31/2012 1700
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.87	J	0.045	5.0
Isopropyl alcohol	0.67	J	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.15	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.42		0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.11	J	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.22		0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.077	J	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.12	J	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.20		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 280-25294-7TB

Client Matrix: Air

Date Sampled: 01/31/2012 1700

Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.055	J	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.055	J	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	2.1	J	0.11	12
Isopropyl alcohol	1.6	J	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25294-7TB
Client Matrix: Air

Date Sampled: 01/31/2012 1700
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.52	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	1.5		0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.33	J	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.76		0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.36	J	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.48	J	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	0.77		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.24	J	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.24	J	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

Client: FPM Remediations Inc

Job Number: 280-25294-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 280-25294-7TB
Client Matrix: Air

Date Sampled: 01/31/2012 1700
Date Received: 02/03/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33381	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknr005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/07/2012 1400			Final Weight/Volume:	200 mL
Prep Date:	02/07/2012 1400			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

FPM REMEDIATIONS, Inc.
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
GRIFFISS SUBSLAB VAPOR MITIGATION SYSTEM
Site Griffiss AFB Buildings 774/776, 785/786
Contract No. FA8903-10-D-8595

FPM Project No. 1015-11-01

TestAmerica Job # 280-25374-1

Laboratory:	TestAmerica Laboratories, Inc.
Sample Matrix:	Soil gas
Number of Samples:	2
Analytical Protocol:	DOD QSM, version 4.2, as per project-specific UFP QAPP
Data Reviewer:	Connie van Hoesel
Sample Date:	February 7, 2012

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	Sample ID	Date
786VMP0202AE	2/7/12	TRIP BLANK	2/7/12

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
AE – Primary environmental 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:

- Detection limits and limits of quantitation (DLs, LOQs)
- 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 MDL and RL), 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 RL, no further action was taken in such instances.

SAMPLE LABELING/CHAIN-OF-CUSTODY

According to the case narrative, the container labels for sample 786VMP0202AE did not match the information listed on the COC. In accordance with FPM's request, the laboratory used the COC sample ID for the system login.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- The following blank sample analyses indicated blank contaminants present at concentrations equal to or greater than half the reporting limit (RL) (for the purposes of this data review, the RL is assumed to be equal to the LOQ). The Blank ID, detected contaminant, and concentration are listed.

Blank ID	Analyte	Concentration ($\mu g/m^3$)	Reporting Limit ($\mu g/m^3$)	Samples Affected
TRIP BLANK	Toluene	1.4	0.75	786VMP0202AE

The purpose of laboratory, equipment or trip blank analysis is to determine the existence and magnitude of contamination resulting from lab or field activities. If contamination is found in blanks the associated sample results for these analytes may be considered suspect. As per the QAPP, based on the blank contaminants present above half the RL, results for the specific analytes in the associated environmental samples are qualified with a "B" flag. However, in accordance with the DOD QSM and consistent the project-specific QAPP, the "B" flag is **not** applied for sample results that are greater than five times (5x) the blank concentration. Thus the "B" flag is only applied to those samples for which the sample result is positive and less than five times (5x) the blank concentration.

Corrective Action: "B" flags were applied to the toluene results for the field sample as shown in the table 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 # 280-25374-1 are usable, which can be used with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 3/17/12

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB 1015-11-01 SVI
Report Number: 280-25374-1

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

Two samples were received at TestAmerica - Burlington on 02/08/2012; the samples arrived in good condition. The cooler arrived at ambient temperature.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): 786VMP0202AE (280-25374-1). The container labels list sample 1 with the ID 786VMP0202AD-11. The COC lists 786VMP0202AE, which was used for the login. The client was notified of this discrepancy via email on 02/08/2012.

TO-15

Samples 786VMP0202AE (280-25374-1) and TRIP BLANK (280-25374-2) were analyzed for EPA-21 in accordance with TO-15. The samples were analyzed on 02/13/2012.

No difficulties were encountered during the TO15 analyses.

All quality control parameters were within the acceptance limits.

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SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-25374-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-25374-1	786VMP0202AE	Air	02/07/2012 1038	02/08/2012 1000
280-25374-2TB	TRIP BLANK	Air	02/07/2012 1038	02/08/2012 1000

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 280-25374-1

SDG No.:

Instrument ID: C.i Analysis Batch Number: 33599

Lab Sample ID: CCVIS 200-33599/2 Client Sample ID:

Date Analyzed: 02/13/12 14:31 Lab File ID: cknw002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/13/12 16:43
Acetonitrile	8.70	Baseline event	wrd	02/13/12 16:43

Lab Sample ID: LCS 200-33599/3 Client Sample ID:

Date Analyzed: 02/13/12 15:44 Lab File ID: cknw003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.68	Baseline event	wrd	02/13/12 16:45

Lab Sample ID: 280-25374-1 Client Sample ID: 786VMP0202AE

Date Analyzed: 02/13/12 18:15 Lab File ID: cknw006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	5.71	Baseline event	wrd	02/14/12 12:05
n-Hexane	9.56	Baseline event	wrd	02/14/12 12:06
Bromodichloromethane	13.47	Peak not found by the data system	wrd	02/14/12 12:07
4-Ethyltoluene	18.10	Baseline event	wrd	02/14/12 12:07
1,3,5-Trimethylbenzene	18.18	Analyte misidentified by the data system	wrd	02/14/12 12:08

Lab Sample ID: 280-25374-2 Client Sample ID: TRIP BLANK

Date Analyzed: 02/13/12 19:05 Lab File ID: cknw007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	11.46	Baseline event	wrd	02/14/12 12:09

AFCEE
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: Mark Grifasi	Send Results to: Katrina Mattice FPM Remediations Inc 584 Phoenix Dr Rome, NY 13441 Phone: (315) 336-7721 Ext 212
Carrier: Fedex	Sampler Signature: Mark Grifasi	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2012	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOCs Note 1 6 L canister	ANALYSIS NOTE	Comments
786VMP0202AE	786VMP-2	02/07/12	10:38	GS	AC	0/0	N	-	Unf.	1	1	1	Canister # 4270 , Regulator # 46029
Trip Blank	020612TB	02/07/12	10:38	GS	AC	0/0	TB	-	Unf.	1	1	1	Canister # 4262

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) Mark Grifasi	Date: 02-07-12	#2 Released by: (Sig) Mark Grifasi	Date: 02-07-12	#3 Released by: (Sig)	Date:
Company Name: FPM	Time: 10:38	Company Name: FPM Remediations Inc	Time:	Company Name:	Time:
#1 Received by: (Sig) Mark Grifasi	Date: 02/06/12	#2 Received by: (Sig)	Date: 2/8/12	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations Inc	Time: 1700	Company Name: TABUR	Time: 1000	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

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.50		0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.28	J M	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.23		0.034	0.20
Freon TF	0.071	J	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.79	J	0.045	5.0
Isopropyl alcohol	0.59	J	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	4.4		0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.063	J M	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	2.4		0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.14	J	0.035	0.20
Cyclohexane	0.13	U	0.039	0.20
Carbon tetrachloride	0.070	J	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	4.2		0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.048	J M	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.25	J	0.026	0.50
Toluene	0.59	B	0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

CWA 3/7/12

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds In Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.32		0.022	0.20
m,p-Xylene	1.1		0.048	0.50
Xylene, o-	0.24		0.022	0.20
Xylene (total)	1.3		0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.059	J M	0.046	0.20
1,3,5-Trimethylbenzene	0.052	J M	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	J	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	2.5		0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.67	J M	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	1.3		0.19	1.1
Freon TF	0.55	J	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.9	J	0.11	12
Isopropyl alcohol	1.4	J	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

CMA 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	15		0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.22	J M	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	12		0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.78	J	0.19	1.1
Cyclohexane	0.45	U	0.13	0.69
Carbon tetrachloride	0.44	J	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	22		0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.32	J M	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	1.0	J	0.11	2.0
Toluene	2.2	B	0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	1.4		0.096	0.87
m,p-Xylene	4.6		0.21	2.2
Xylene, o-	1.1		0.096	0.87
Xylene (total)	5.7		0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.29	J M	0.23	0.98
1,3,5-Trimethylbenzene	0.26	J M	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

CMA 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **786VMP0202AE**

Lab Sample ID: 280-25374-1
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1815			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1815			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.62	J	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.13	U	0.038	0.50
Freon 22	0.13	U	0.034	0.50
1,2-Dichlorotetrafluoroethane	0.080	U	0.032	0.20
Chloromethane	0.040	U	0.013	0.50
n-Butane	0.040	U	0.011	0.50
Vinyl chloride	0.080	U	0.029	0.20
1,3-Butadiene	0.040	U	0.010	0.20
Bromomethane	0.040	U	0.012	0.20
Chloroethane	0.040	U	0.016	0.50
Bromoethene(Vinyl Bromide)	0.040	U	0.019	0.20
Trichlorofluoromethane	0.13	U	0.034	0.20
Freon TF	0.040	U	0.010	0.20
1,1-Dichloroethene	0.080	U	0.030	0.20
Acetone	0.50	J	0.045	5.0
Isopropyl alcohol	0.61	J	0.037	5.0
Carbon disulfide	0.20	U	0.066	0.50
3-Chloropropene	0.040	U	0.019	0.50
Methylene Chloride	0.11	J	0.013	0.50
tert-Butyl alcohol	0.20	U	0.071	5.0
Methyl tert-butyl ether	0.040	U	0.016	0.20
trans-1,2-Dichloroethene	0.080	U	0.032	0.20
n-Hexane	0.072	J	0.026	0.20
1,1-Dichloroethane	0.13	U	0.035	0.20
Methyl Ethyl Ketone	0.040	U	0.017	0.50
cis-1,2-Dichloroethene	0.040	U	0.014	0.20
1,2-Dichloroethene, Total	0.040	U	0.014	0.20
Chloroform	0.080	U	0.031	0.20
Tetrahydrofuran	0.040	U	0.018	5.0
1,1,1-Trichloroethane	0.13	U	0.035	0.20
Cyclohexane	0.065	J M	0.039	0.20
Carbon tetrachloride	0.13	U	0.033	0.20
2,2,4-Trimethylpentane	0.13	U	0.036	0.20
Benzene	0.040	U	0.018	0.20
1,2-Dichloroethane	0.080	U	0.031	0.20
n-Heptane	0.040	U	0.010	0.20
Trichloroethene	0.080	U	0.030	0.20
Methyl methacrylate	0.040	U	0.013	0.50
1,2-Dichloropropane	0.040	U	0.014	0.20
1,4-Dioxane	0.32	U	0.088	5.0
Bromodichloromethane	0.080	U	0.028	0.20
cis-1,3-Dichloropropene	0.040	U	0.016	0.20
methyl isobutyl ketone	0.080	U	0.026	0.50
Toluene	0.37		0.018	0.20
trans-1,3-Dichloropropene	0.080	U	0.020	0.20
1,1,2-Trichloroethane	0.040	U	0.019	0.20
Tetrachloroethene	0.040	U	0.011	0.20

WA 3/7/12

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	DL	LOQ
Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.039	0.50
Dibromochloromethane	0.080	U	0.021	0.20
1,2-Dibromoethane	0.040	U	0.018	0.20
Chlorobenzene	0.080	U	0.020	0.20
Ethylbenzene	0.080	U	0.022	0.20
m,p-Xylene	0.16	U	0.048	0.50
Xylene, o-	0.080	U	0.022	0.20
Xylene (total)	0.080	U	0.022	0.20
Styrene	0.080	U	0.030	0.20
Bromoform	0.040	U	0.019	0.20
Cumene	0.080	U	0.031	0.20
1,1,2,2-Tetrachloroethane	0.13	U	0.040	0.20
n-Propylbenzene	0.20	U	0.050	0.20
4-Ethyltoluene	0.13	U	0.046	0.20
1,3,5-Trimethylbenzene	0.13	U	0.051	0.20
2-Chlorotoluene	0.13	U	0.047	0.20
tert-Butylbenzene	0.13	U	0.047	0.20
1,2,4-Trimethylbenzene	0.13	U	0.052	0.20
sec-Butylbenzene	0.13	U	0.047	0.20
4-Isopropyltoluene	0.13	U	0.048	0.20
1,3-Dichlorobenzene	0.13	U	0.044	0.20
1,4-Dichlorobenzene	0.13	U	0.044	0.20
Benzyl chloride	0.13	U	0.046	0.20
n-Butylbenzene	0.13	U	0.055	0.20
1,2-Dichlorobenzene	0.13	U	0.048	0.20
1,2,4-Trichlorobenzene	0.13	U	0.050	0.50
Hexachlorobutadiene	0.20	U	0.065	0.20
Naphthalene	0.32	U	0.086	0.50

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
Dichlorodifluoromethane	0.64	U	0.19	2.5
Freon 22	0.46	U	0.12	1.8
1,2-Dichlorotetrafluoroethane	0.56	U	0.22	1.4
Chloromethane	0.083	U	0.027	1.0
n-Butane	0.095	U	0.026	1.2
Vinyl chloride	0.20	U	0.074	0.51
1,3-Butadiene	0.088	U	0.022	0.44
Bromomethane	0.16	U	0.047	0.78
Chloroethane	0.11	U	0.042	1.3
Bromoethene(Vinyl Bromide)	0.17	U	0.083	0.87
Trichlorofluoromethane	0.73	U	0.19	1.1
Freon TF	0.31	U	0.077	1.5
1,1-Dichloroethene	0.32	U	0.12	0.79
Acetone	1.2	J	0.11	12
Isopropyl alcohol	1.5	J	0.091	12
Carbon disulfide	0.62	U	0.21	1.6

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
3-Chloropropene	0.13	U	0.059	1.6
Methylene Chloride	0.37	J	0.045	1.7
tert-Butyl alcohol	0.61	U	0.22	15
Methyl tert-butyl ether	0.14	U	0.058	0.72
trans-1,2-Dichloroethene	0.32	U	0.13	0.79
n-Hexane	0.25	J	0.092	0.70
1,1-Dichloroethane	0.53	U	0.14	0.81
Methyl Ethyl Ketone	0.12	U	0.050	1.5
cis-1,2-Dichloroethene	0.16	U	0.056	0.79
1,2-Dichloroethene, Total	0.16	U	0.056	0.79
Chloroform	0.39	U	0.15	0.98
Tetrahydrofuran	0.12	U	0.053	15
1,1,1-Trichloroethane	0.71	U	0.19	1.1
Cyclohexane	0.22	J M	0.13	0.69
Carbon tetrachloride	0.82	U	0.21	1.3
2,2,4-Trimethylpentane	0.61	U	0.17	0.93
Benzene	0.13	U	0.058	0.64
1,2-Dichloroethane	0.32	U	0.13	0.81
n-Heptane	0.16	U	0.041	0.82
Trichloroethene	0.43	U	0.16	1.1
Methyl methacrylate	0.16	U	0.053	2.0
1,2-Dichloropropane	0.18	U	0.065	0.92
1,4-Dioxane	1.2	U	0.32	18
Bromodichloromethane	0.54	U	0.19	1.3
cis-1,3-Dichloropropene	0.18	U	0.073	0.91
methyl isobutyl ketone	0.33	U	0.11	2.0
Toluene	1.4		0.068	0.75
trans-1,3-Dichloropropene	0.36	U	0.091	0.91
1,1,2-Trichloroethane	0.22	U	0.10	1.1
Tetrachloroethene	0.27	U	0.075	1.4
Methyl Butyl Ketone (2-Hexanone)	0.53	U	0.16	2.0
Dibromochloromethane	0.68	U	0.18	1.7
1,2-Dibromoethane	0.31	U	0.14	1.5
Chlorobenzene	0.37	U	0.092	0.92
Ethylbenzene	0.35	U	0.096	0.87
m,p-Xylene	0.69	U	0.21	2.2
Xylene, o-	0.35	U	0.096	0.87
Xylene (total)	0.35	U	0.096	0.87
Styrene	0.34	U	0.13	0.85
Bromoform	0.41	U	0.20	2.1
Cumene	0.39	U	0.15	0.98
1,1,2,2-Tetrachloroethane	0.89	U	0.27	1.4
n-Propylbenzene	0.98	U	0.25	0.98
4-Ethyltoluene	0.64	U	0.23	0.98
1,3,5-Trimethylbenzene	0.64	U	0.25	0.98
2-Chlorotoluene	0.67	U	0.24	1.0

CWA 3/17/12

Client: FPM Remediations Inc

Job Number: 280-25374-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-25374-2TB
Client Matrix: Air

Date Sampled: 02/07/2012 1038
Date Received: 02/08/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-33599	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cknw007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/13/2012 1905			Final Weight/Volume:	200 mL
Prep Date:	02/13/2012 1905			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	DL	LOQ
tert-Butylbenzene	0.71	U	0.26	1.1
1,2,4-Trimethylbenzene	0.64	U	0.26	0.98
sec-Butylbenzene	0.71	U	0.26	1.1
4-Isopropyltoluene	0.71	U	0.26	1.1
1,3-Dichlorobenzene	0.78	U	0.26	1.2
1,4-Dichlorobenzene	0.78	U	0.26	1.2
Benzyl chloride	0.67	U	0.24	1.0
n-Butylbenzene	0.71	U	0.30	1.1
1,2-Dichlorobenzene	0.78	U	0.29	1.2
1,2,4-Trichlorobenzene	0.96	U	0.37	3.7
Hexachlorobutadiene	2.1	U	0.69	2.1
Naphthalene	1.7	U	0.45	2.6